

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048337.D
 Acq On : 23 Oct 2025 19:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 24 05:52:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	148497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	257536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	235214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	120657	57.952	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.900%			
35) Dibromofluoromethane	5.373	113	76383	43.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 86.880%			
50) Toluene-d8	8.635	98	319872	51.905	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.820%			
62) 4-Bromofluorobenzene	11.061	95	126845	54.105	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	60951	39.927	ug/l	95
3) Chloromethane	1.300	50	29294	20.558	ug/l	100
4) Vinyl Chloride	1.380	62	84129	63.759	ug/l	99
5) Bromomethane	1.617	94	29539	32.987	ug/l	97
6) Chloroethane	1.697	64	50035	64.532	ug/l	97
7) Trichlorofluoromethane	1.898	101	140332	55.454	ug/l	98
8) Diethyl Ether	2.136	74	50160	70.445	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	75253	46.961	ug/l	99
10) Methyl Iodide	2.459	142	277004	137.504	ug/l	99
11) Tert butyl alcohol	2.940	59	42507	205.626	ug/l	100
12) 1,1-Dichloroethene	2.325	96	75314	48.309	ug/l	97
13) Acrolein	2.233	56	64135	304.201	ug/l	99
14) Allyl chloride	2.666	41	129288	49.949	ug/l	97
15) Acrylonitrile	3.056	53	177508	238.135	ug/l	99
16) Acetone	2.373	43	141521	198.137	ug/l	99
17) Carbon Disulfide	2.514	76	206192	41.965	ug/l	99
18) Methyl Acetate	2.697	43	77790	52.150	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	262728	49.398	ug/l	99
20) Methylene Chloride	2.788	84	82147	47.201	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	80821	47.195	ug/l	98
22) Diisopropyl ether	3.751	45	285741	55.348	ug/l	93
23) Vinyl Acetate	3.715	43	964820	233.958	ug/l	99
24) 1,1-Dichloroethane	3.605	63	158142	50.660	ug/l	99
25) 2-Butanone	4.538	43	201768	223.179	ug/l	99
26) 2,2-Dichloropropane	4.471	77	125298	44.469	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	97644	48.856	ug/l	99
28) Bromochloromethane	4.891	49	74921	57.883	ug/l	100
29) Tetrahydrofuran	4.989	42	131920	243.643	ug/l	98
30) Chloroform	5.080	83	162800	48.814	ug/l	97
31) Cyclohexane	5.464	56	127755	49.433	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	144209	46.917	ug/l	98
36) 1,1-Dichloropropene	5.684	75	107718	43.105	ug/l	99
37) Ethyl Acetate	4.696	43	100083	48.319	ug/l	97
38) Carbon Tetrachloride	5.666	117	123389	40.021	ug/l	96
39) Methylcyclohexane	7.366	83	124799	42.287	ug/l	98
40) Benzene	6.025	78	327482	45.137	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	53049	48.769	ug/l	98
42) 1,2-Dichloroethane	6.074	62	127071	47.463	ug/l	99
43) Isopropyl Acetate	6.318	43	169145	49.714	ug/l	99
44) Trichloroethene	7.110	130	83526	43.599	ug/l	98
45) 1,2-Dichloropropane	7.415	63	81848	47.449	ug/l	100
46) Dibromomethane	7.568	93	60129	44.742	ug/l	99
47) Bromodichloromethane	7.805	83	127910	44.081	ug/l	96
48) Methyl methacrylate	7.677	41	84409	49.165	ug/l	98
49) 1,4-Dioxane	7.641	88	16351	720.879	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	467577	238.354	ug/l	99
52) Toluene	8.702	92	204892	44.453	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	117192	41.910	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	121728	40.349	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	75032	43.774	ug/l	99
56) Ethyl methacrylate	9.104	69	118259	47.170	ug/l	98
57) 1,3-Dichloropropane	9.293	76	133395	45.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	327245	242.801	ug/l	98
59) 2-Hexanone	9.415	43	320142	234.045	ug/l	99
60) Dibromochloromethane	9.506	129	92451	40.130	ug/l	100
61) 1,2-Dibromoethane	9.592	107	79875	43.712	ug/l	97
64) Tetrachloroethene	9.256	164	75109	42.775	ug/l	97
65) Chlorobenzene	10.061	112	229002	43.280	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	79630	40.974	ug/l	99
67) Ethyl Benzene	10.177	91	398847	44.274	ug/l	99
68) m/p-Xylenes	10.287	106	297191	88.790	ug/l	100
69) o-Xylene	10.622	106	143936	44.542	ug/l	98
70) Styrene	10.640	104	247430	44.968	ug/l	99
71) Bromoform	10.780	173	56765	36.545	ug/l #	99
73) Isopropylbenzene	10.945	105	371525	42.241	ug/l	100
74) N-amyl acetate	10.823	43	152619	48.919	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	96692	40.256	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	87066m	44.585	ug/l	
77) Bromobenzene	11.183	156	89730	40.687	ug/l	98
78) n-propylbenzene	11.286	91	439643	43.172	ug/l	99
79) 2-Chlorotoluene	11.347	91	264472	42.835	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	304259	41.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	19475	24.263	ug/l	88
82) 4-Chlorotoluene	11.439	91	313397	42.759	ug/l	98
83) tert-Butylbenzene	11.695	119	306020	40.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	308245	42.435	ug/l	100
85) sec-Butylbenzene	11.872	105	369453	41.062	ug/l	100
86) p-Isopropyltoluene	11.988	119	309407	39.785	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	166571	40.065	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	168238	39.062	ug/l	98
89) n-Butylbenzene	12.311	91	287530	40.620	ug/l	99
90) Hexachloroethane	12.518	117	51996	33.857	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	157993	40.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	18735	38.427	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	100179	37.950	ug/l	100
94) Hexachlorobutadiene	13.707	225	34729	35.129	ug/l	97
95) Naphthalene	13.756	128	269413	38.522	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	88519	36.543	ug/l	98

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QLast Update : Mon Oct 20 14:13:59 2025
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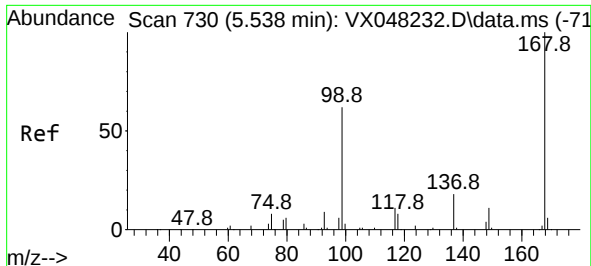
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

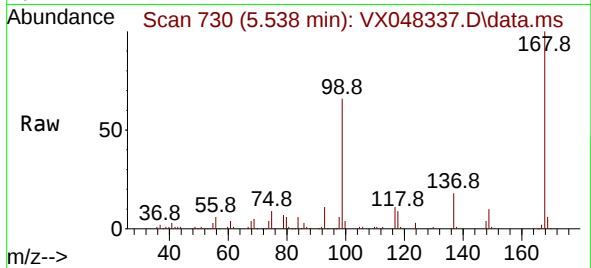
Quant Time: Oct 24 05:52:32 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

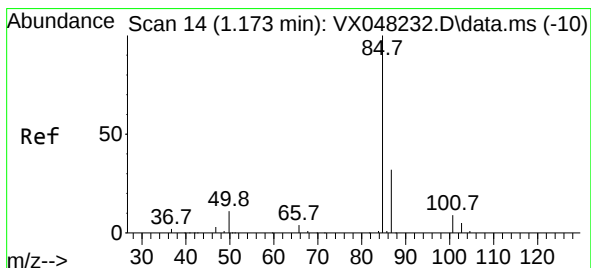
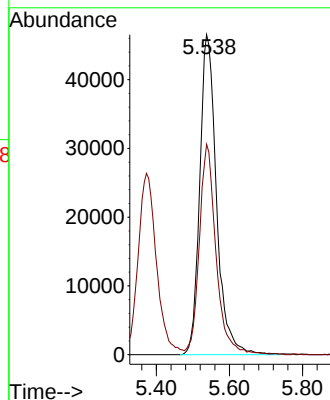
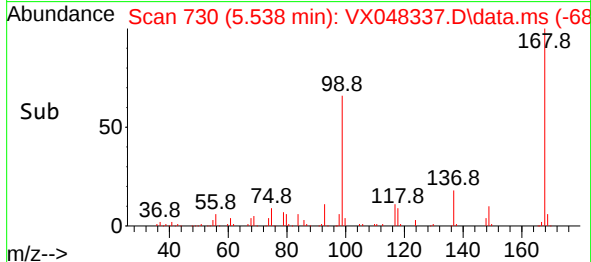
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 14849
Ion Ratio Lower Upper
168 100
99 65.5 46.4 69.6

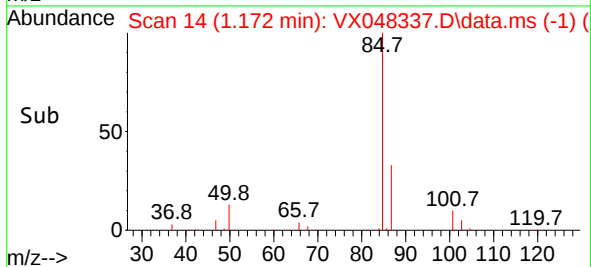
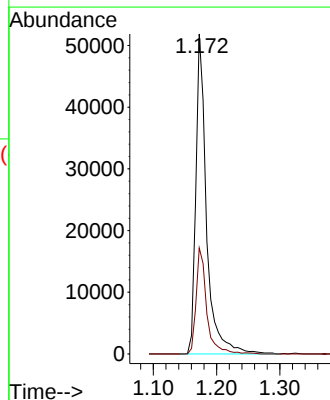
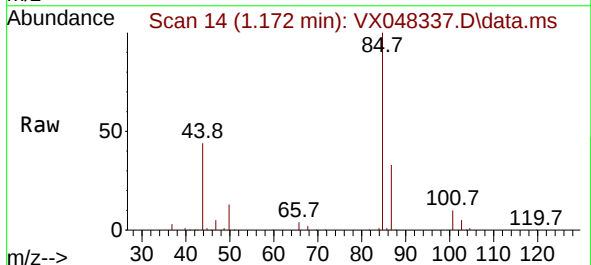
Manual Integrations
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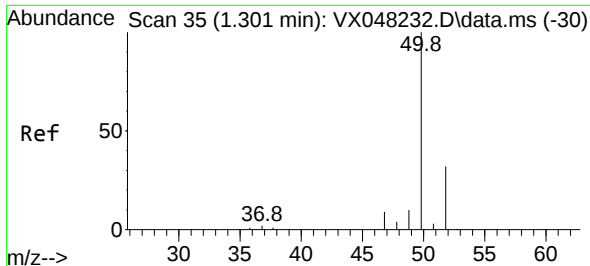
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 39.927 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

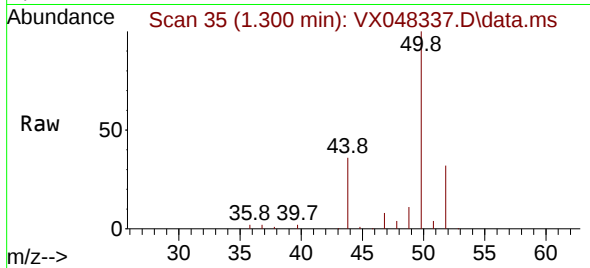
Tgt Ion: 85 Resp: 60951
Ion Ratio Lower Upper
85 100
87 33.2 15.3 45.9





#3
Chloromethane
Concen: 20.558 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

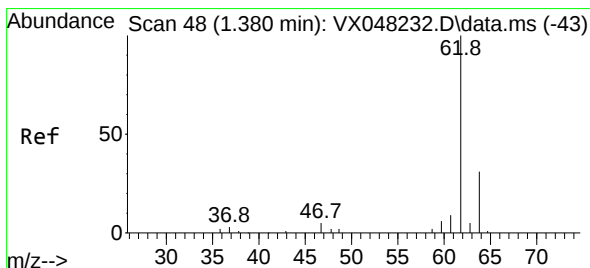
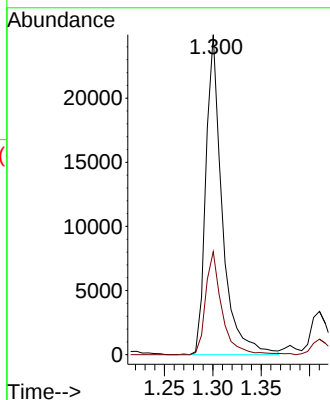
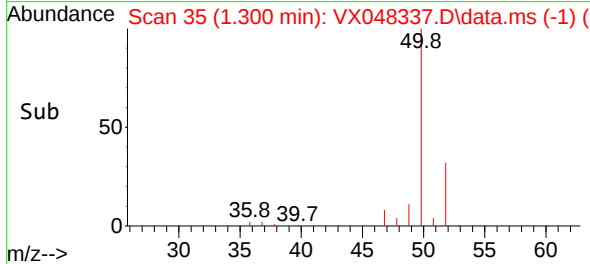
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 29294
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9

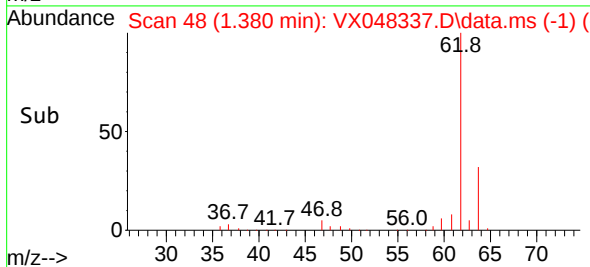
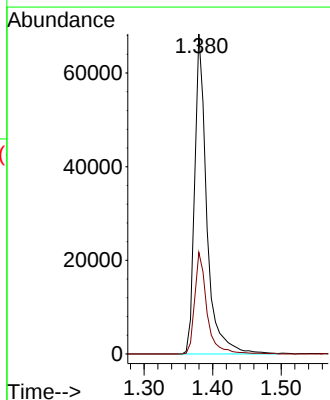
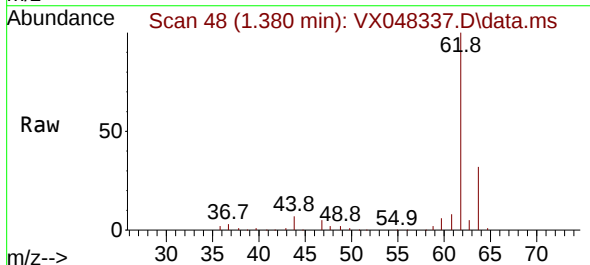
Manual Integrations
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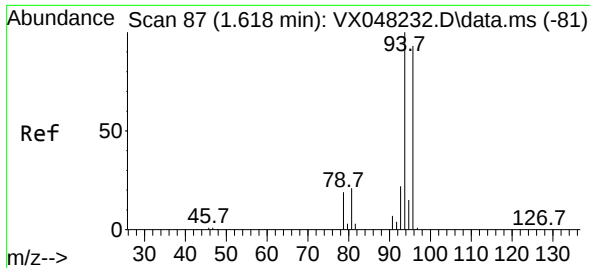
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 63.759 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

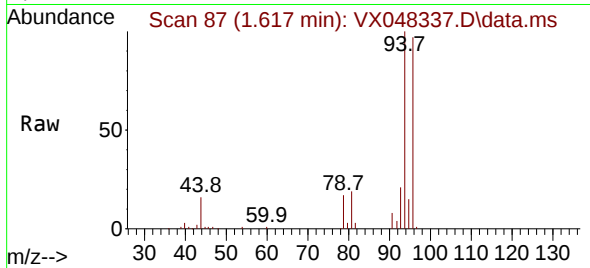
Tgt Ion: 62 Resp: 84129
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 32.987 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

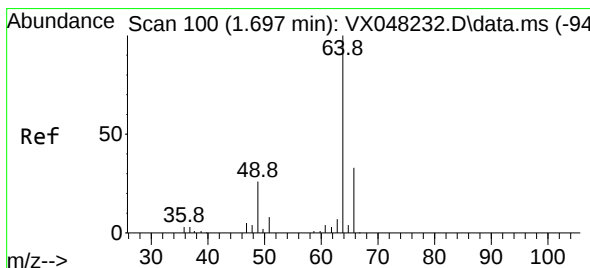
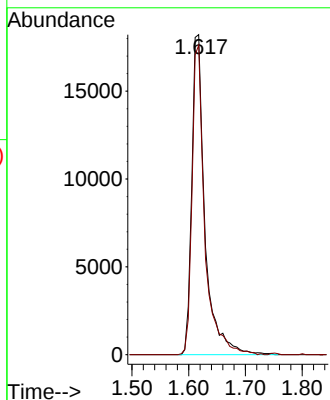
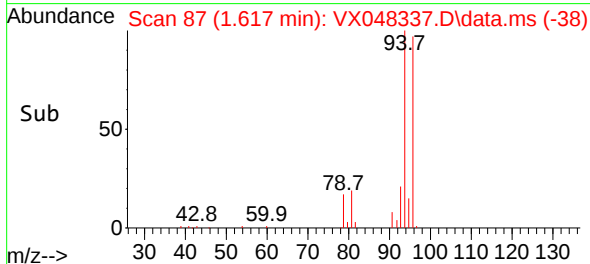
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Tgt Ion: 94 Resp: 29539
Ion Ratio Lower Upper
94 100
96 97.9 76.0 114.0

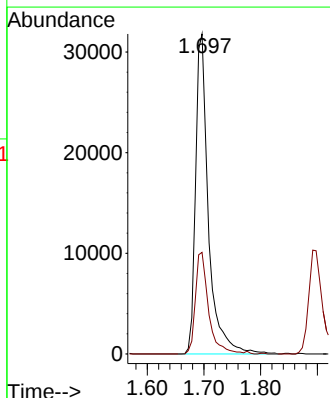
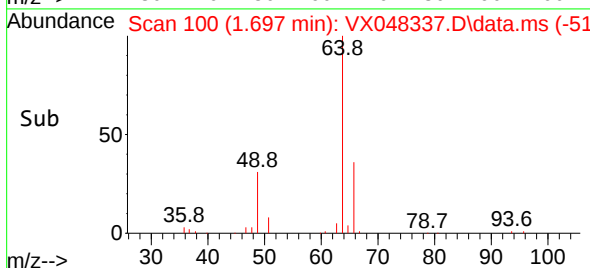
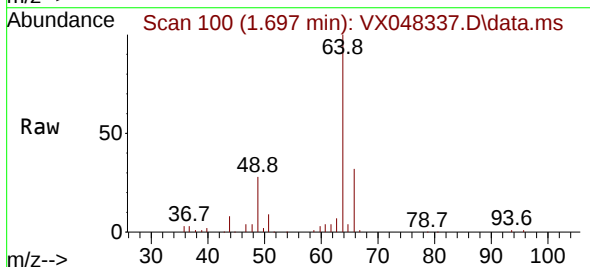
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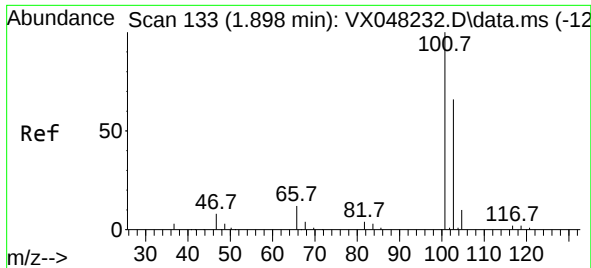
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#6
Chloroethane
Concen: 64.532 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048337.D
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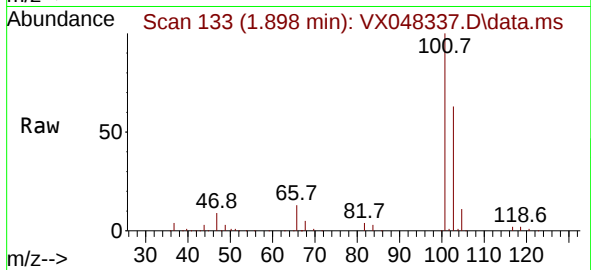
Tgt Ion: 64 Resp: 50035
Ion Ratio Lower Upper
64 100
66 31.7 23.9 35.9





#7
Trichlorofluoromethane
Concen: 55.454 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

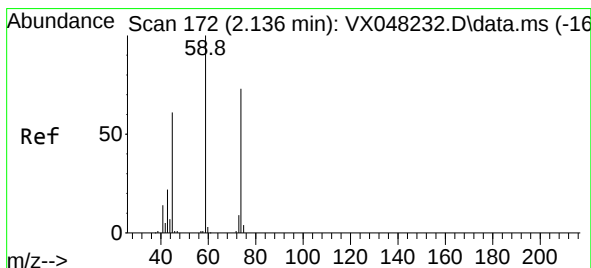
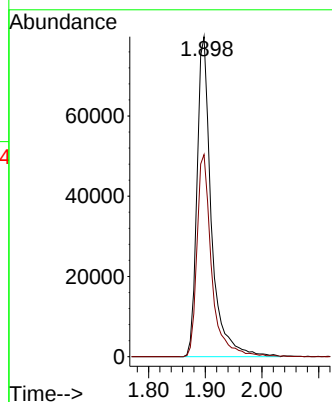
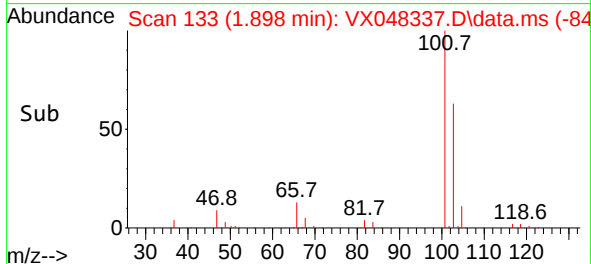
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 14033
Ion Ratio Lower Upper
101 100
103 63.2 51.6 77.4

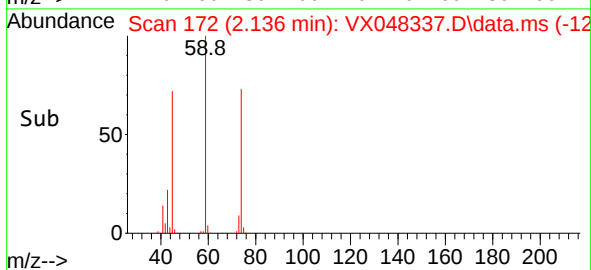
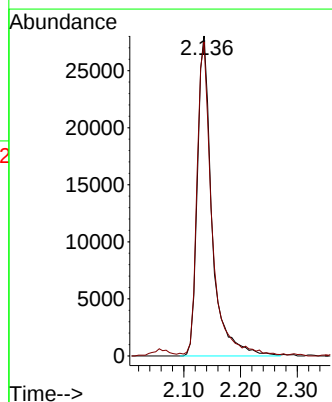
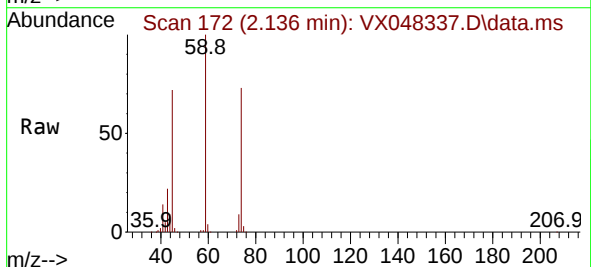
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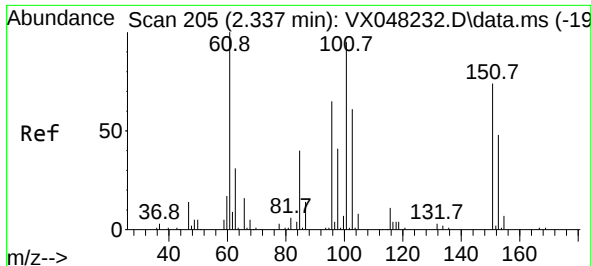
Reviewed By :John Carlone 10/24/2025
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#8
Diethyl Ether
Concen: 70.445 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Tgt Ion: 74 Resp: 50160
Ion Ratio Lower Upper
74 100
45 99.2 50.0 149.8





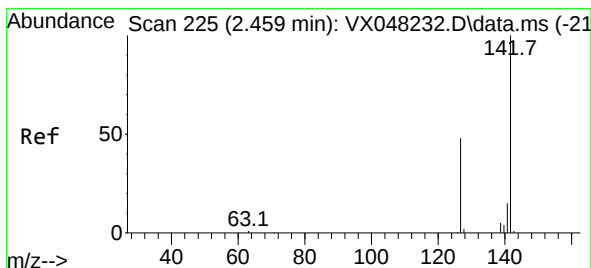
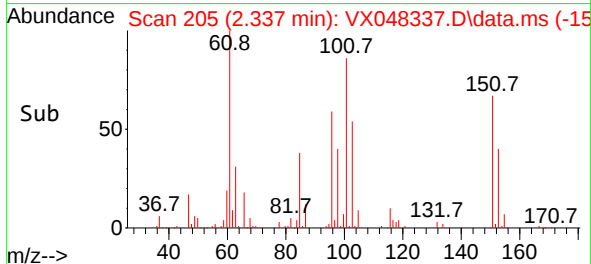
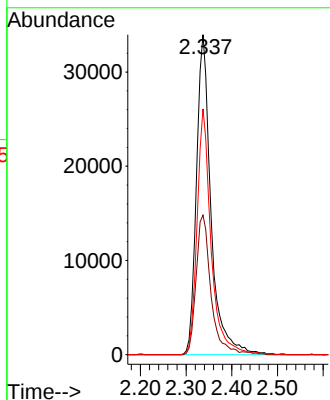
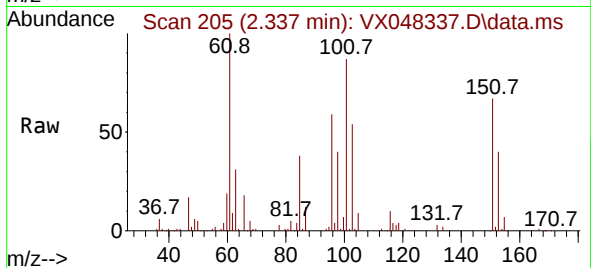
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.961 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7525
Ion Ratio Lower Upper
101 100
85 44.7 35.6 53.4
151 74.0 58.0 87.0

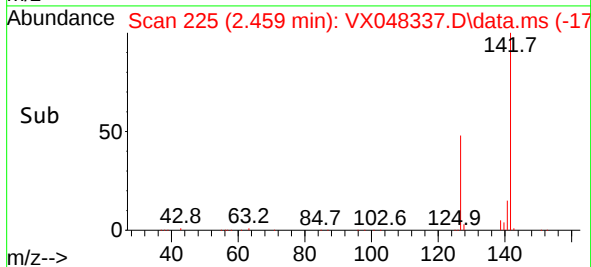
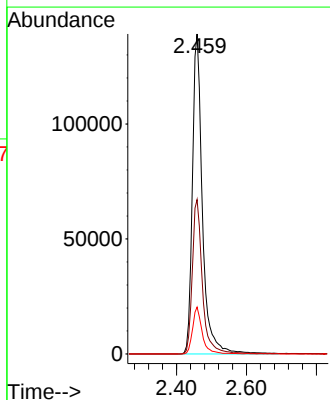
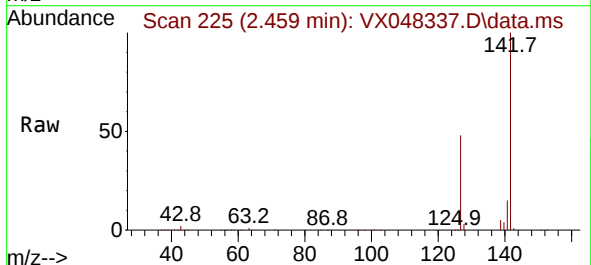
Manual Integrations
APPROVED

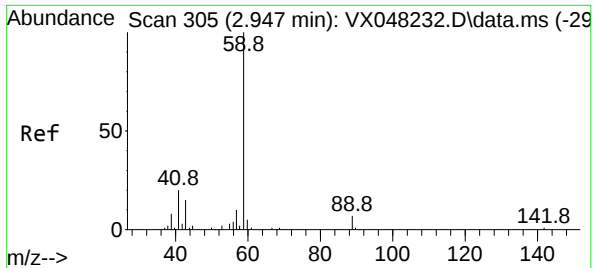
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 137.504 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Tgt Ion:142 Resp: 277004
Ion Ratio Lower Upper
142 100
127 48.6 38.5 57.7
141 14.2 11.6 17.4





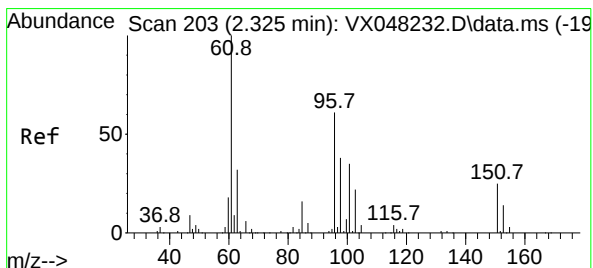
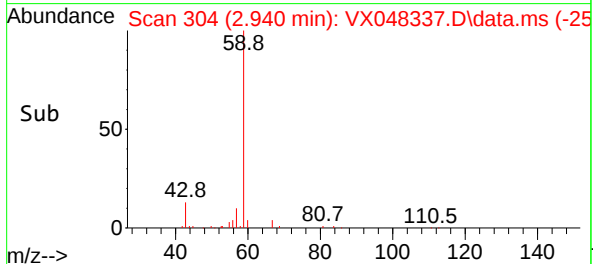
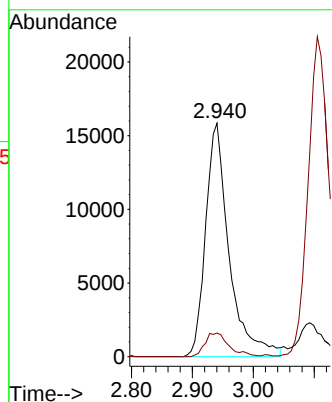
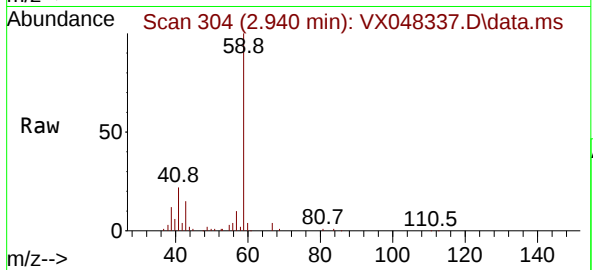
#11
Tert butyl alcohol
Concen: 205.626 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 4250
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

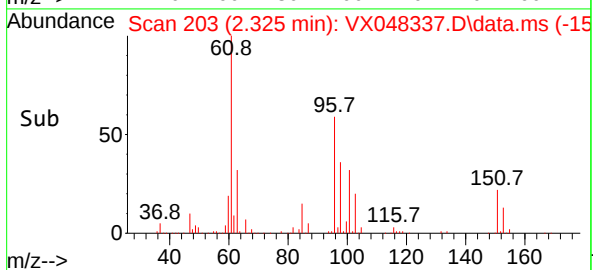
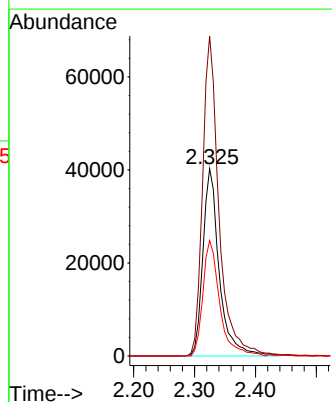
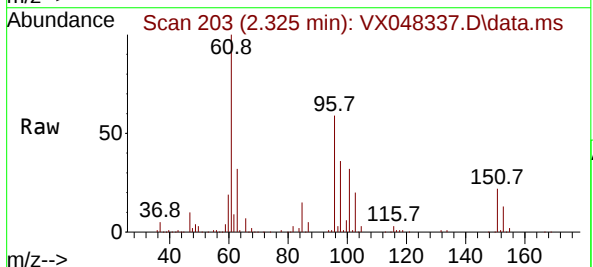
Manual Integrations
APPROVED

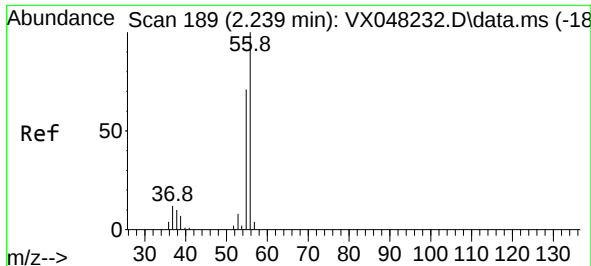
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
1,1-Dichloroethene
Concen: 48.309 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Tgt Ion: 96 Resp: 75314
Ion Ratio Lower Upper
96 100
61 170.8 139.0 208.6
98 61.6 52.4 78.6





#13

Acrolein

Concen: 304.201 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 6413

Ion Ratio Lower Upper

56 100

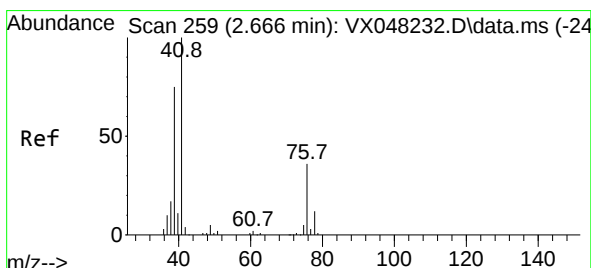
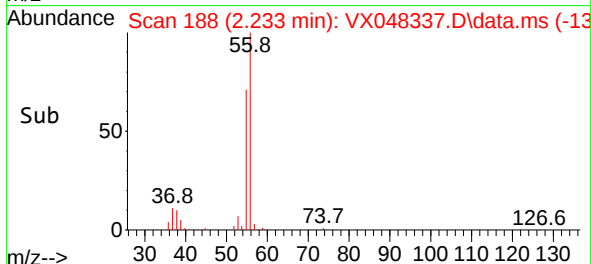
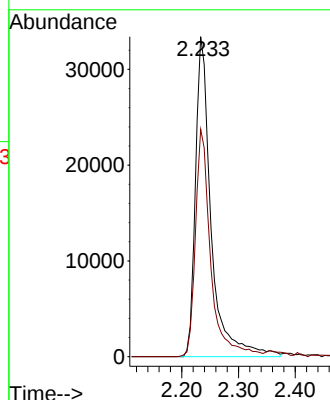
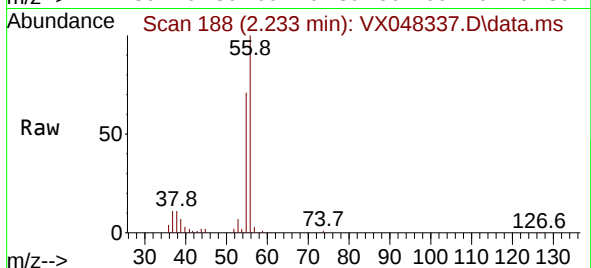
55 69.3 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#14

Allyl chloride

Concen: 49.949 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

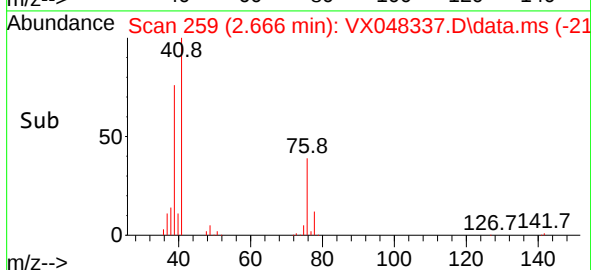
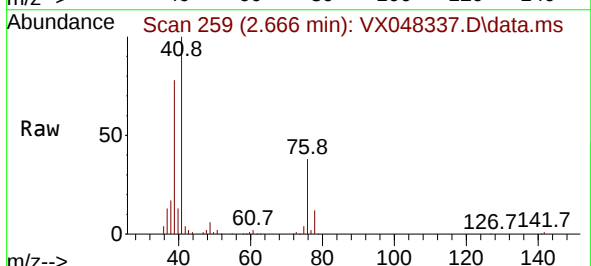
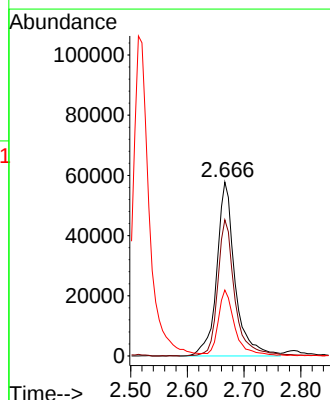
Tgt Ion: 41 Resp: 129288

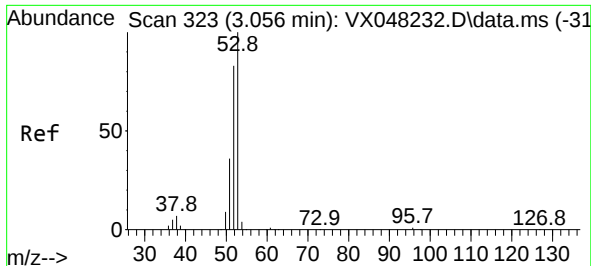
Ion Ratio Lower Upper

41 100

39 74.2 56.0 84.0

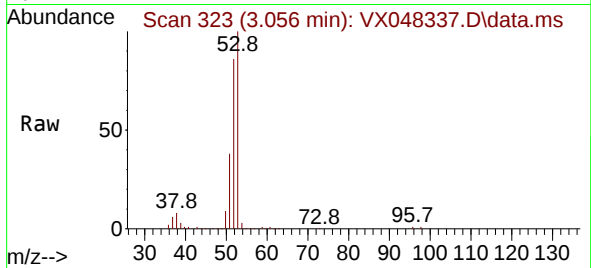
76 34.4 27.5 41.3





#15
Acrylonitrile
Concen: 238.135 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

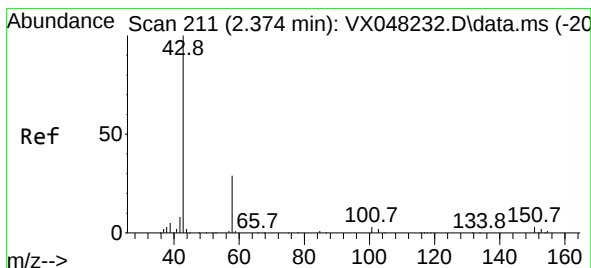
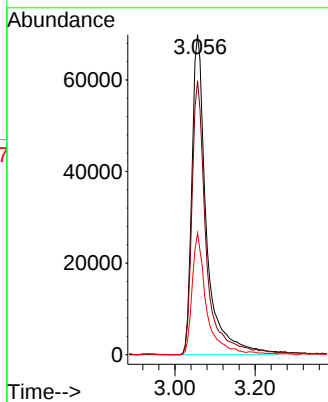
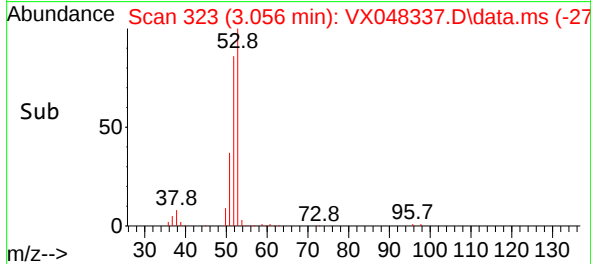
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 177508
Ion Ratio Lower Upper
53 100
52 83.9 66.1 99.1
51 36.8 29.0 43.4

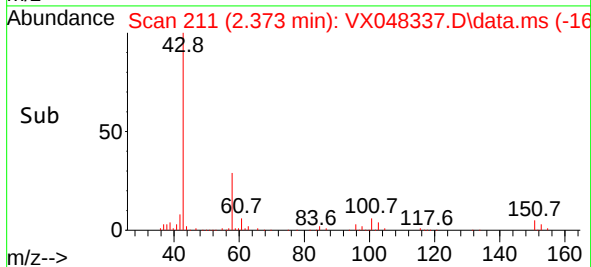
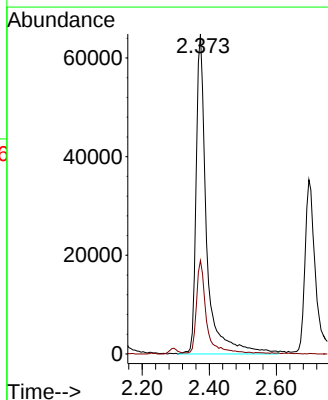
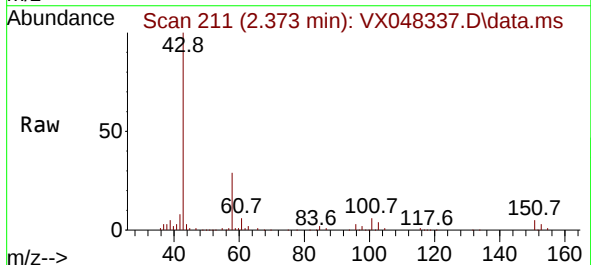
Manual Integrations
APPROVED

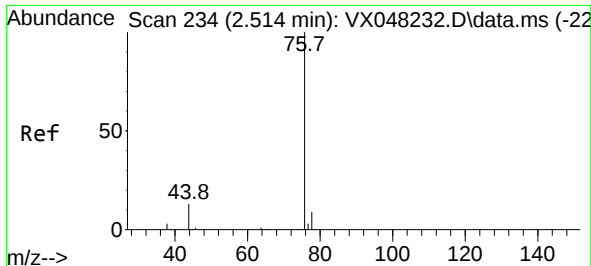
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 198.137 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

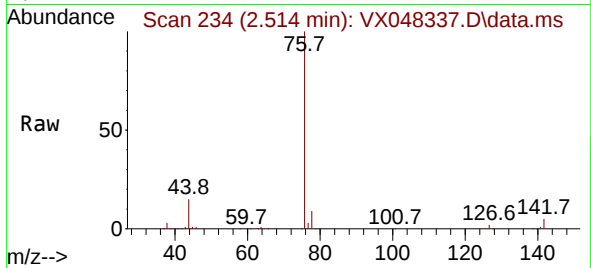
Tgt Ion: 43 Resp: 141521
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.2





#17
Carbon Disulfide
Concen: 41.965 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

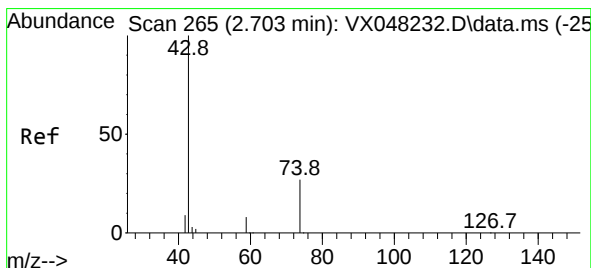
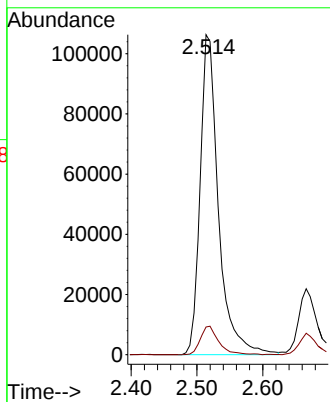
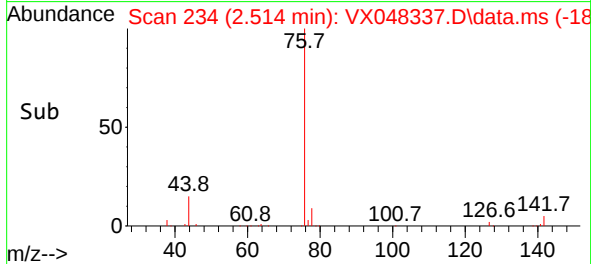
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 206192
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

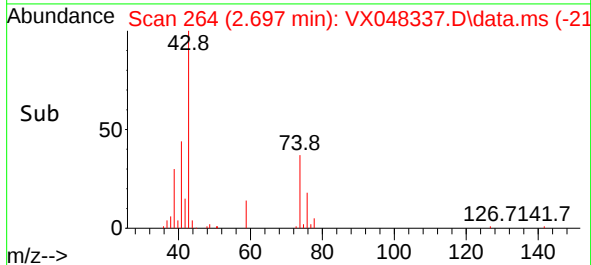
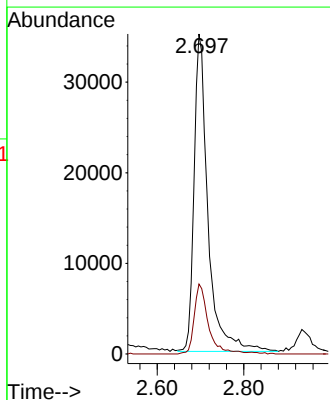
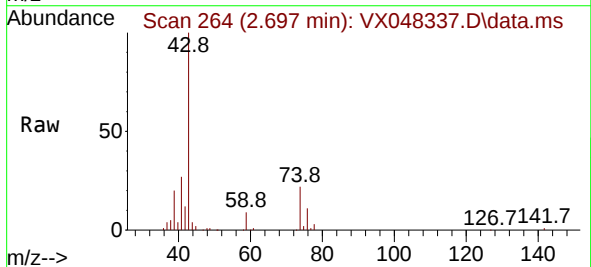
Manual Integrations
APPROVED

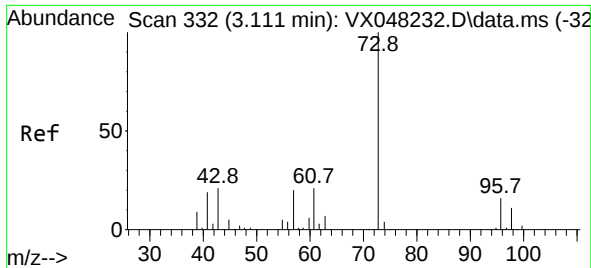
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 52.150 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

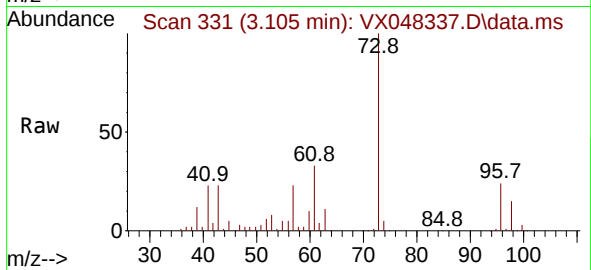
Tgt Ion: 43 Resp: 77790
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 49.398 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

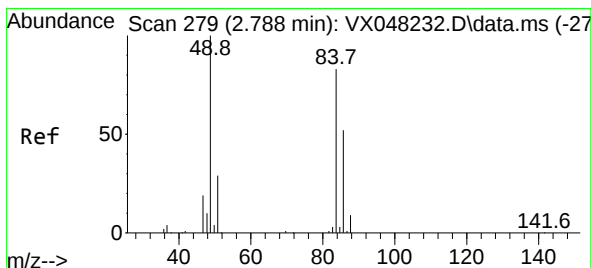
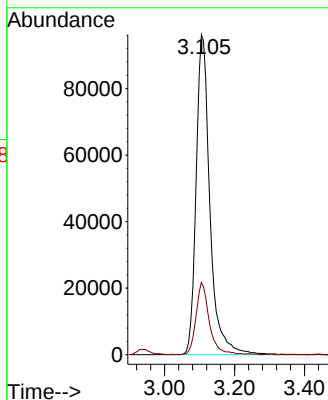
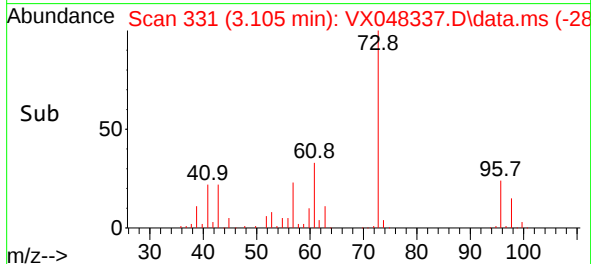
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 262728
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

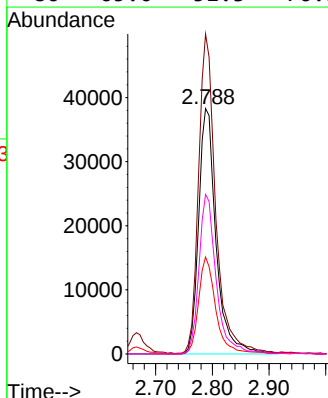
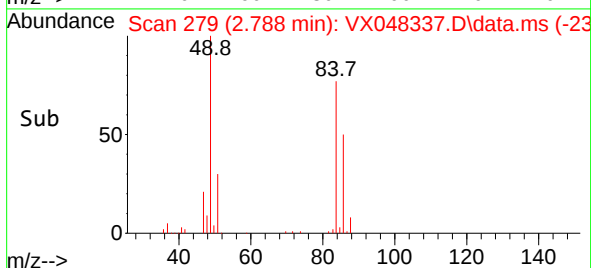
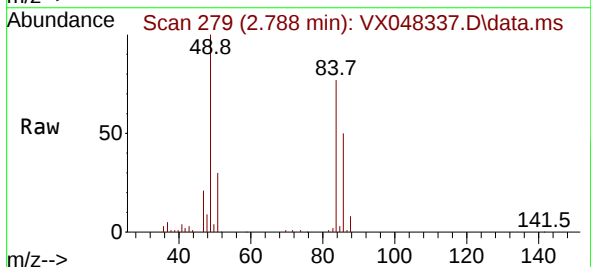
Manual Integrations
APPROVED

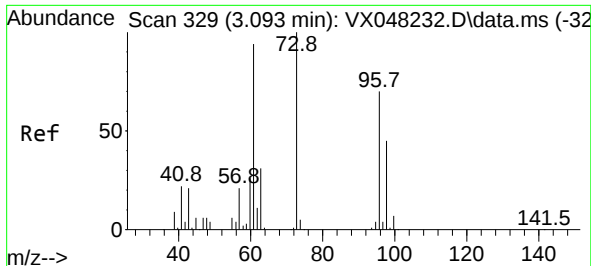
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 47.201 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

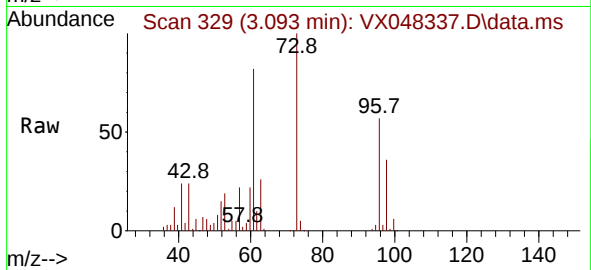
Tgt Ion: 84 Resp: 82147
Ion Ratio Lower Upper
84 100
49 130.0 104.1 156.1
51 39.5 31.3 46.9
86 65.0 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 47.195 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

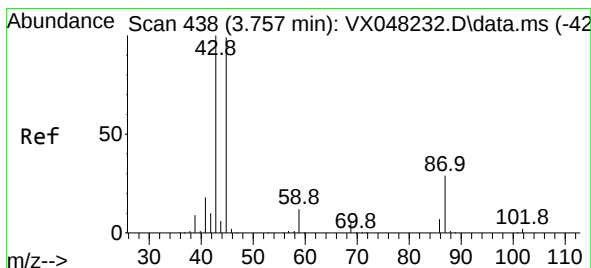
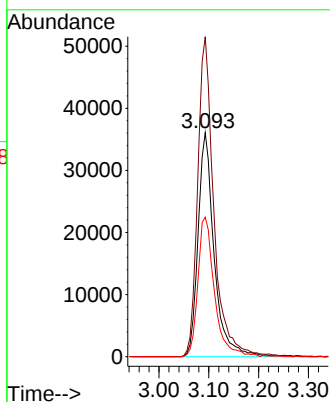
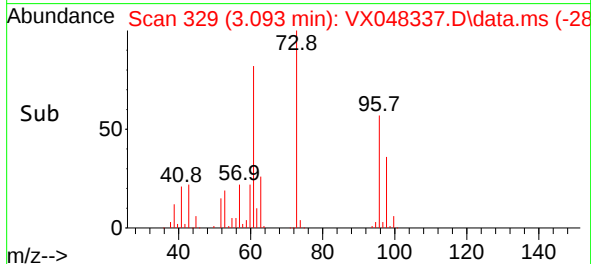
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



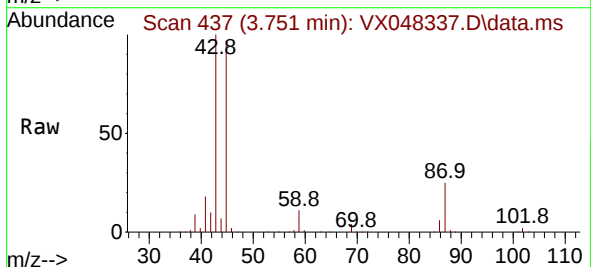
Tgt Ion: 96 Resp: 8082
Ion Ratio Lower Upper
96 100
61 142.8 111.9 167.9
98 62.3 51.2 76.8

Manual Integrations
APPROVED

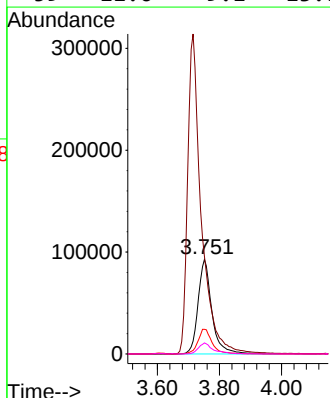
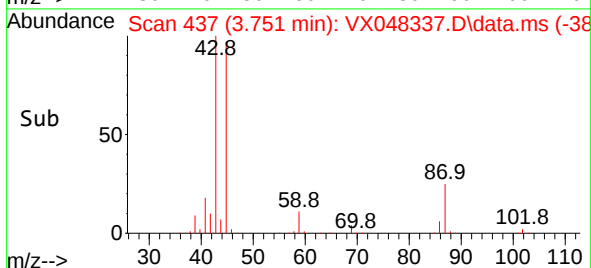
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

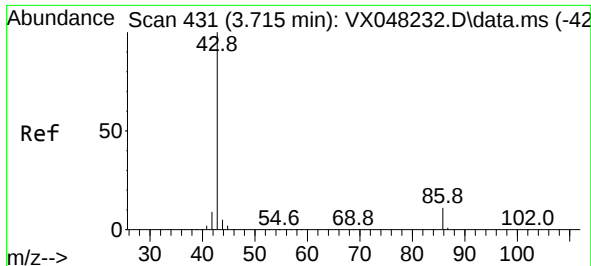


#22
Diisopropyl ether
Concen: 55.348 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



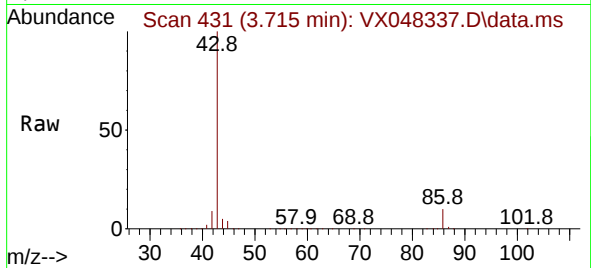
Tgt Ion: 45 Resp: 285741
Ion Ratio Lower Upper
45 100
43 102.6 89.8 134.8
87 26.0 20.6 31.0
59 11.6 9.1 13.7





#23
 Vinyl Acetate
 Concen: 233.958 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048337.D
 Acq: 23 Oct 2025 19:13

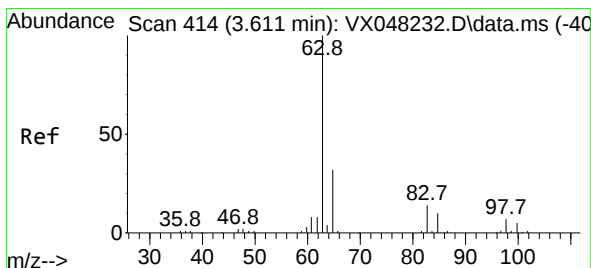
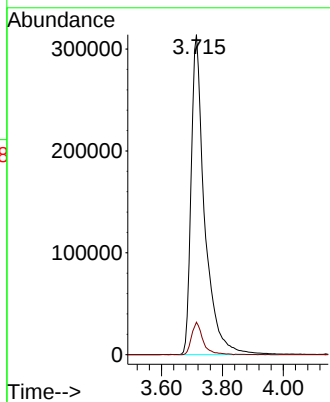
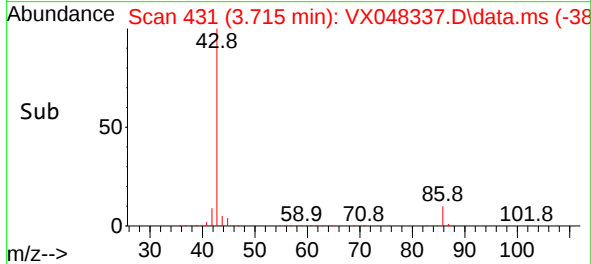
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



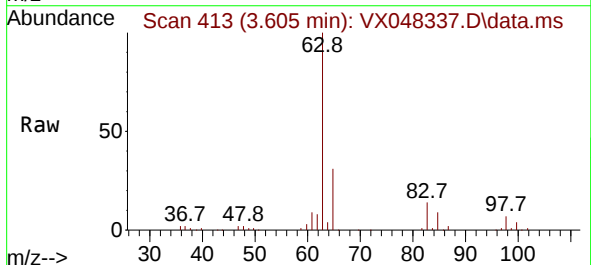
Tgt Ion: 43 Resp: 964820
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9

Manual Integrations
 APPROVED

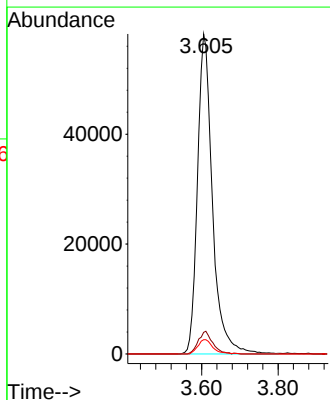
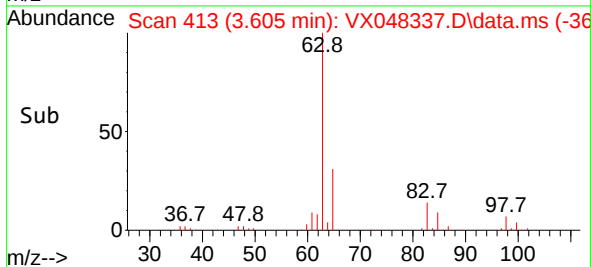
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

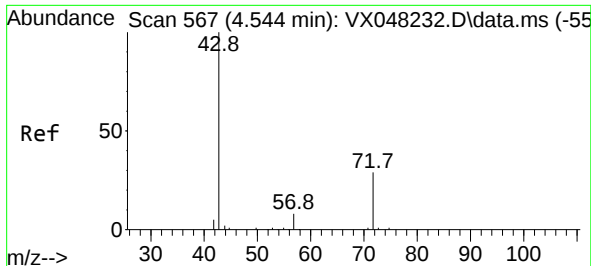


#24
 1,1-Dichloroethane
 Concen: 50.660 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048337.D
 Acq: 23 Oct 2025 19:13



Tgt Ion: 63 Resp: 158142
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 223.179 ug/l

RT: 4.538 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 201768

Ion Ratio Lower Upper

43 100

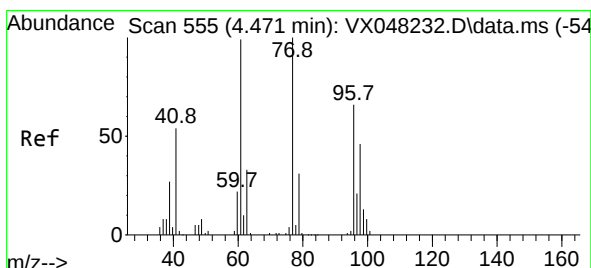
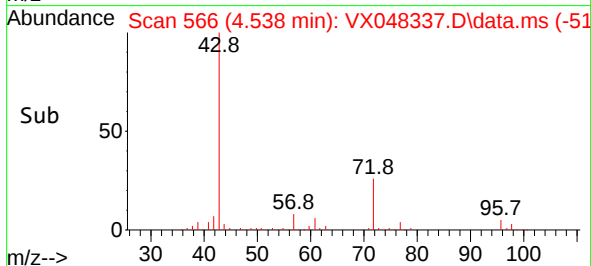
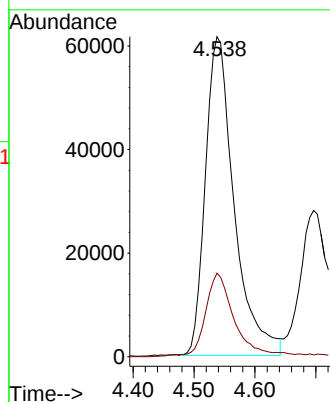
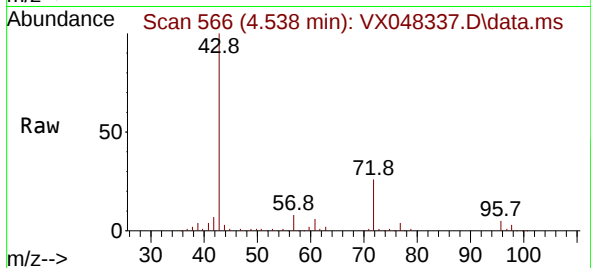
72 25.6 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#26

2,2-Dichloropropane

Concen: 44.469 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX048337.D

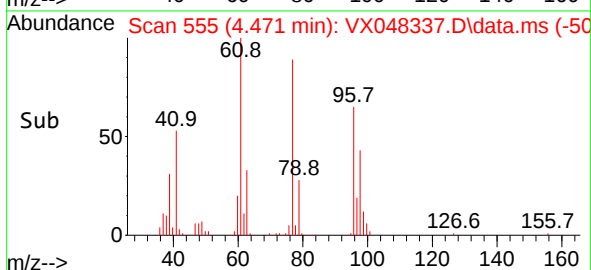
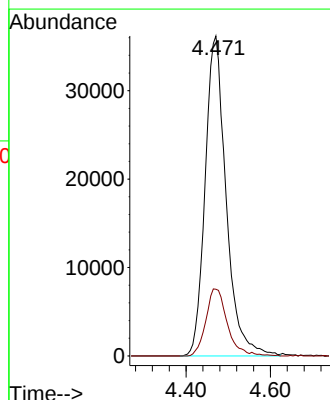
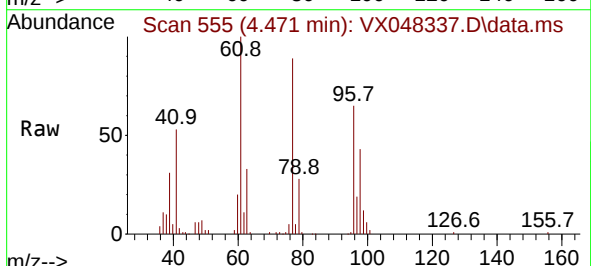
Acq: 23 Oct 2025 19:13

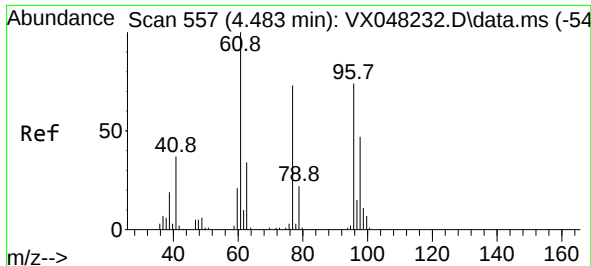
Tgt Ion: 77 Resp: 125298

Ion Ratio Lower Upper

77 100

97 21.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 48.856 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 97644

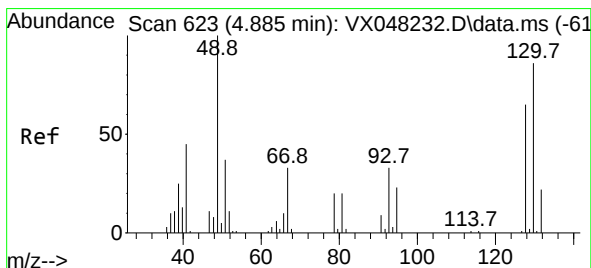
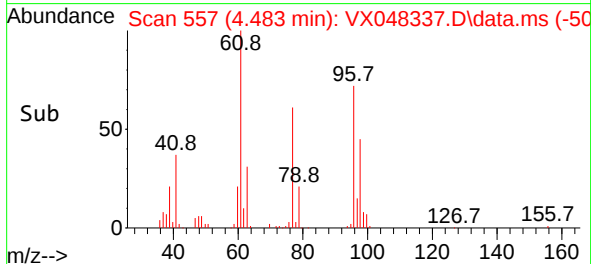
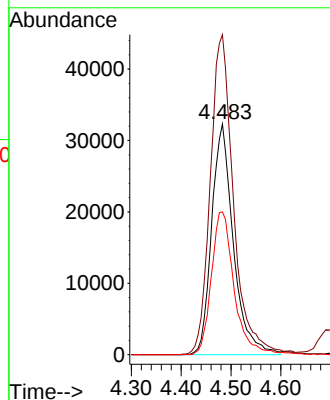
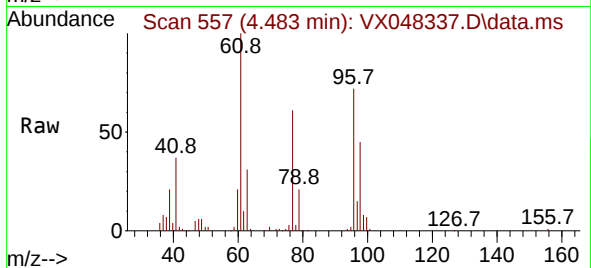
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	294.2
98	65.3	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 57.883 ug/l

RT: 4.891 min Scan# 624

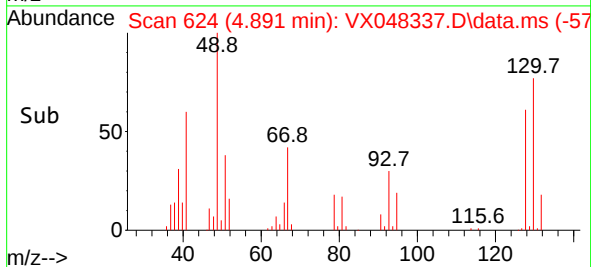
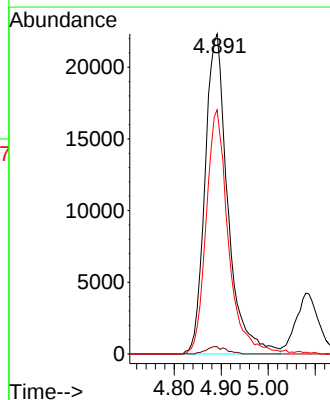
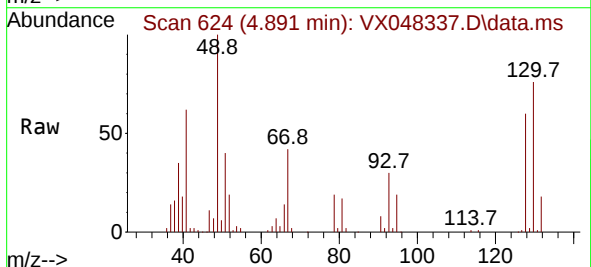
Delta R.T. 0.006 min

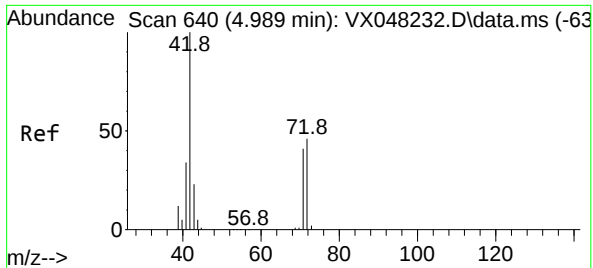
Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Tgt Ion: 49 Resp: 74921

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	74.1	59.3	88.9





#29

Tetrahydrofuran

Concen: 243.643 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 131920

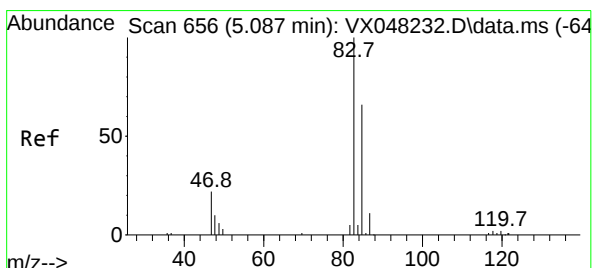
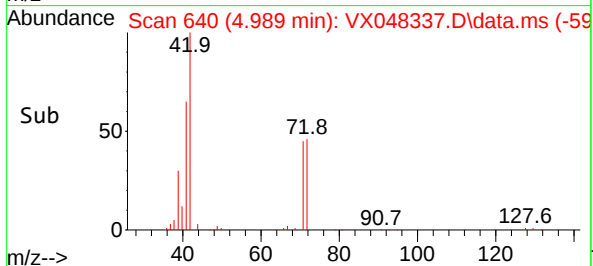
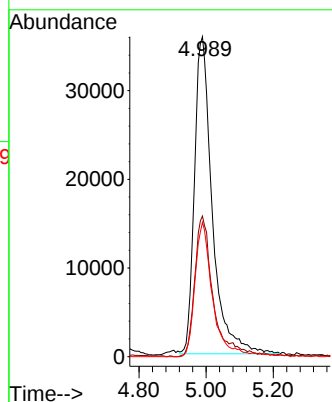
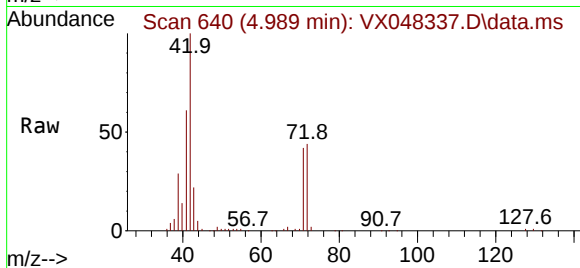
Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.3	52.9
71	41.2	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 48.814 ug/l

RT: 5.080 min Scan# 655

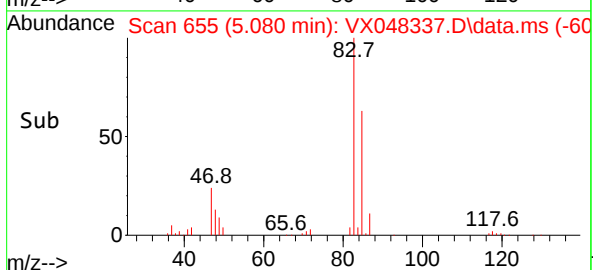
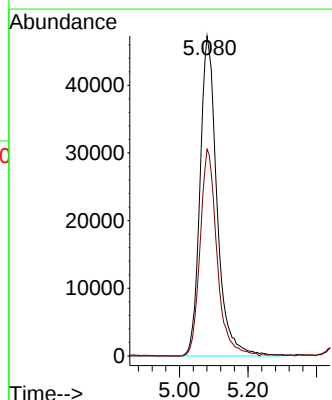
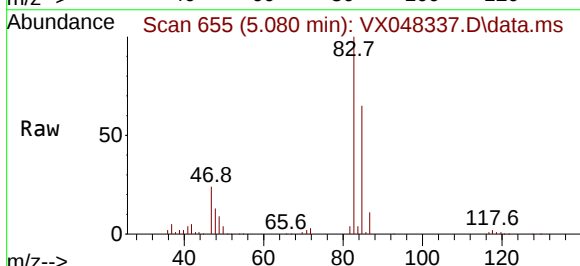
Delta R.T. -0.000 min

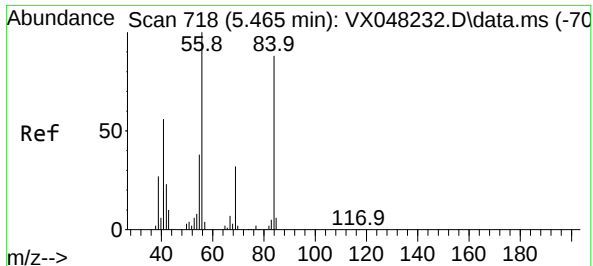
Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Tgt Ion: 83 Resp: 162800

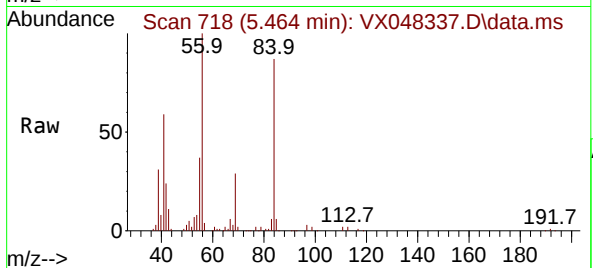
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.1	75.1





#31
Cyclohexane
Concen: 49.433 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

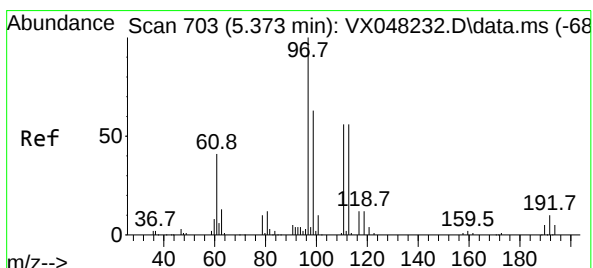
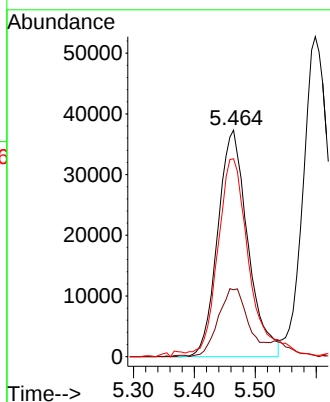
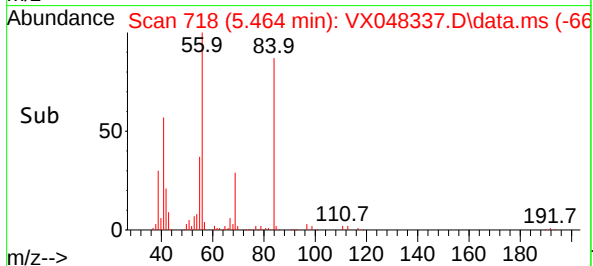
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



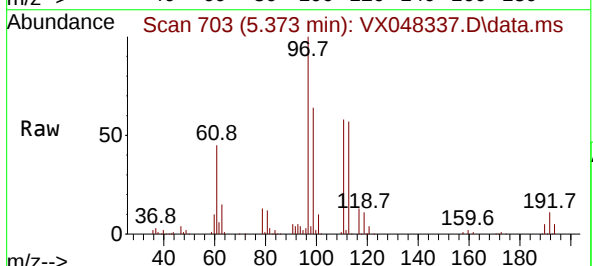
Tgt Ion: 56 Resp: 12775
Ion Ratio Lower Upper
56 100
69 29.0 23.0 34.6
84 85.1 64.6 97.0

Manual Integrations
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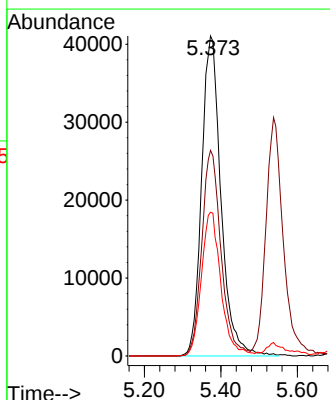
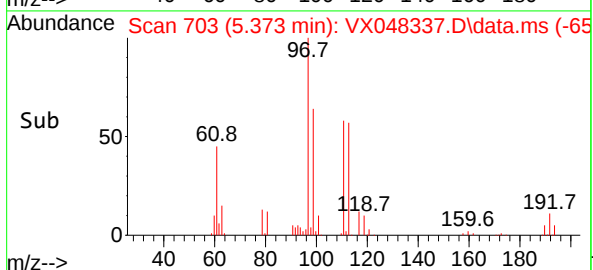
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

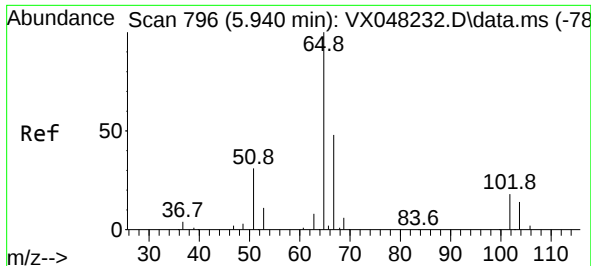


#32
1,1,1-Trichloroethane
Concen: 46.917 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



Tgt Ion: 97 Resp: 144209
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 45.3 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 57.952 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12065

Ion Ratio Lower Upper

65 100

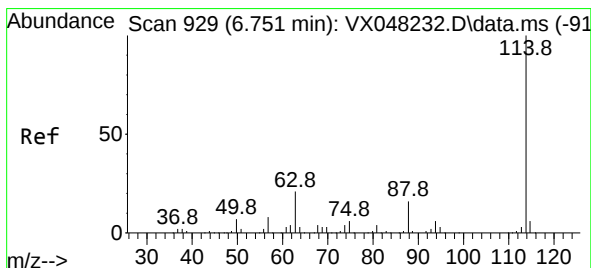
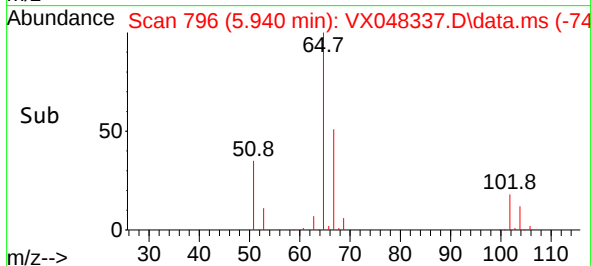
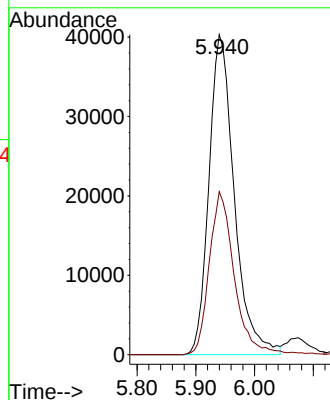
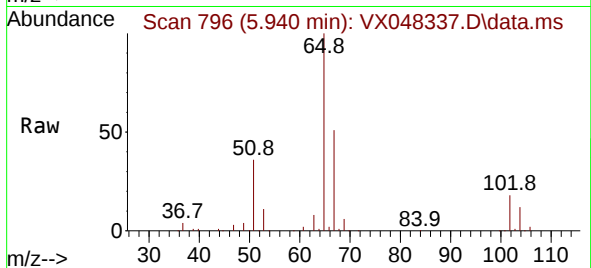
67 50.0 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

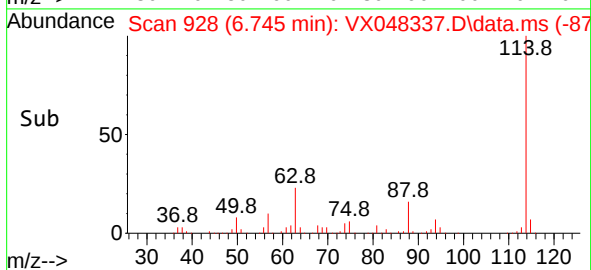
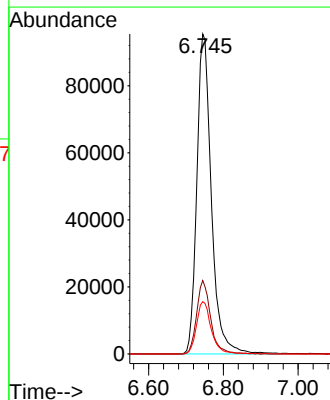
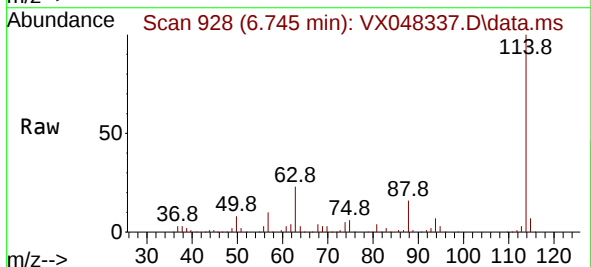
Tgt Ion:114 Resp: 257536

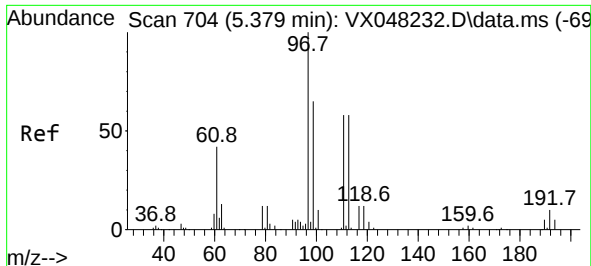
Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.2

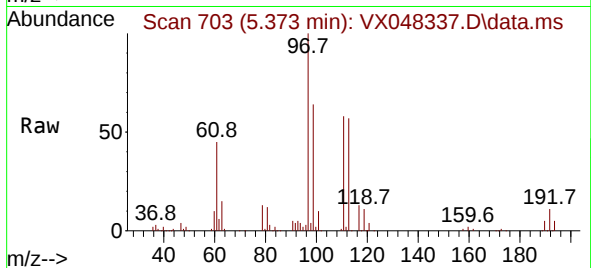
88 16.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 43.444 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

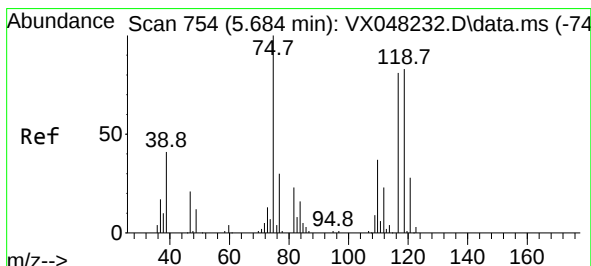
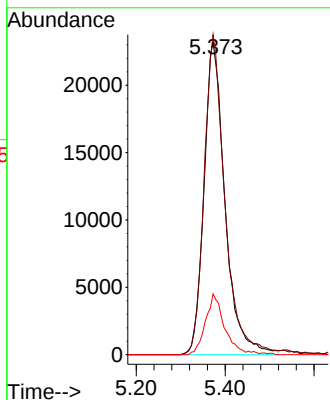
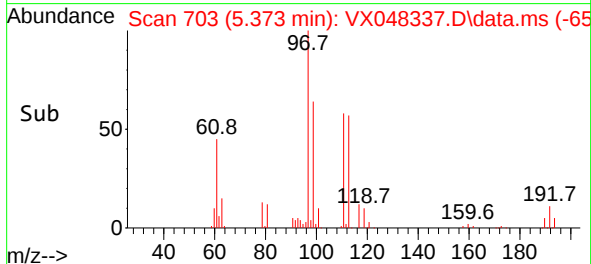
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 7638
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 17.9 15.1 22.7

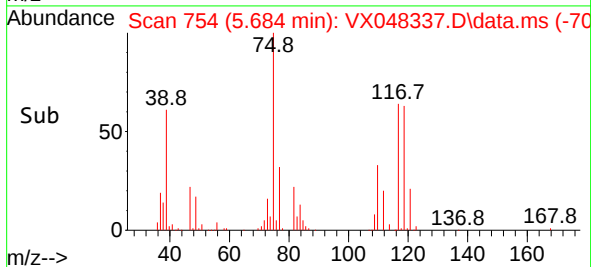
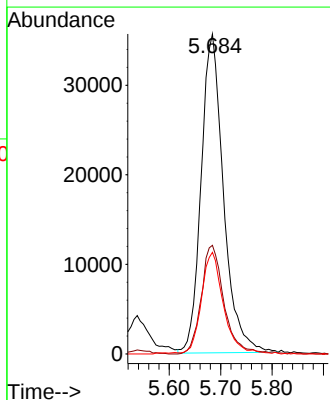
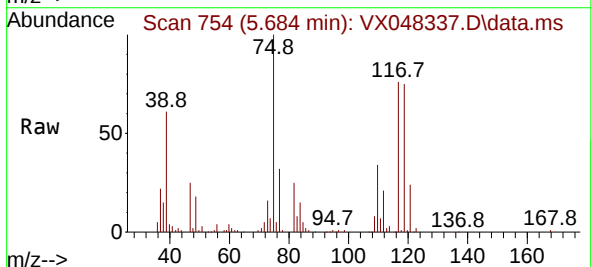
Manual Integrations
APPROVED

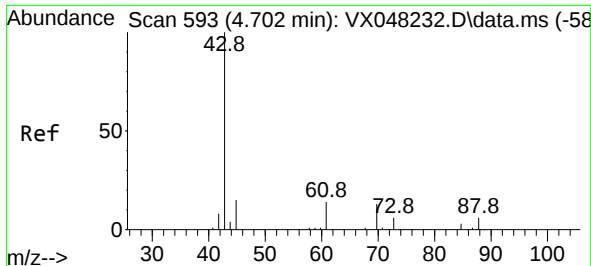
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 43.105 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Tgt Ion: 75 Resp: 107718
Ion Ratio Lower Upper
75 100
110 34.6 17.7 53.1
77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 48.319 ug/l

RT: 4.696 min Scan# 592

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 10008

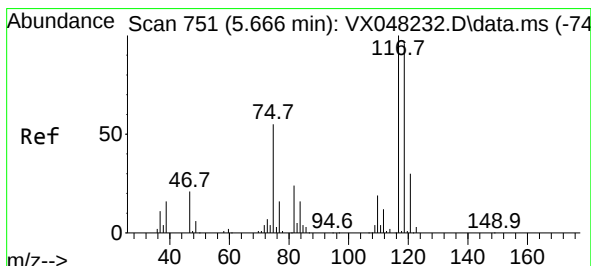
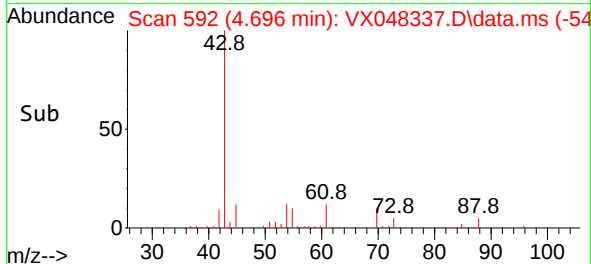
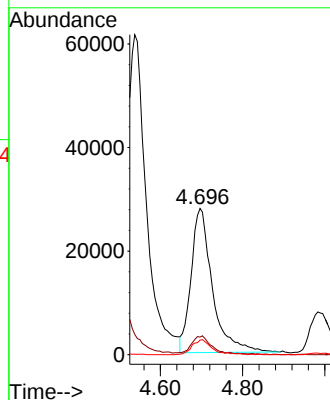
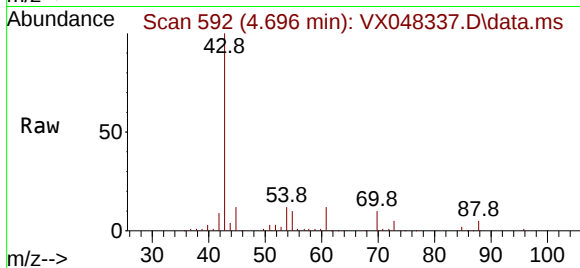
Ion	Ratio	Lower	Upper
43	100		
61	11.4	10.6	15.8
70	9.6	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 40.021 ug/l

RT: 5.666 min Scan# 751

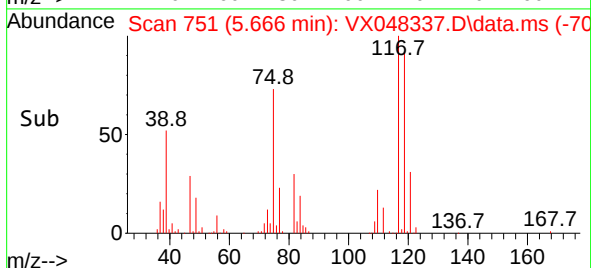
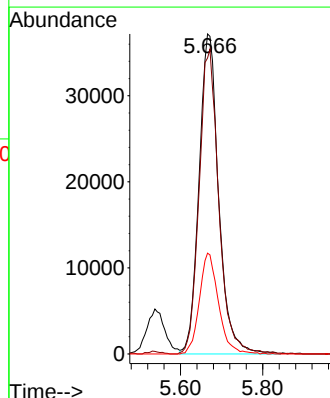
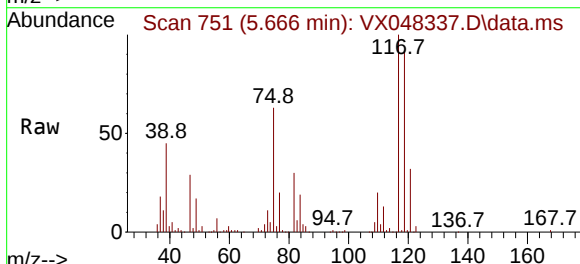
Delta R.T. -0.000 min

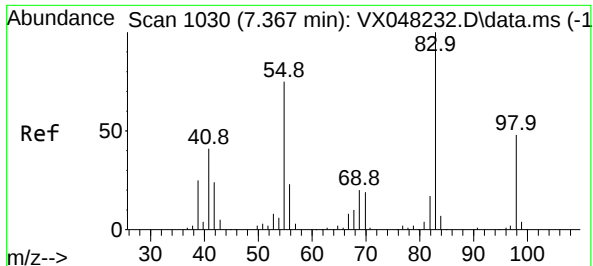
Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Tgt Ion:117 Resp: 123389

Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.2	115.8
121	31.5	24.8	37.2





#39

Methylcyclohexane

Concen: 42.287 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 124799

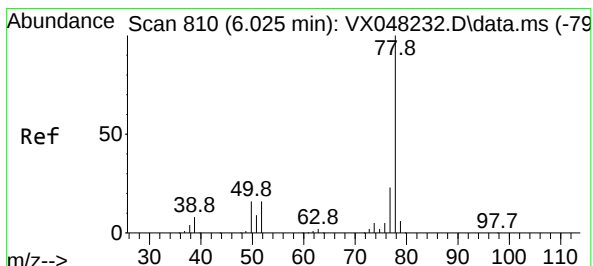
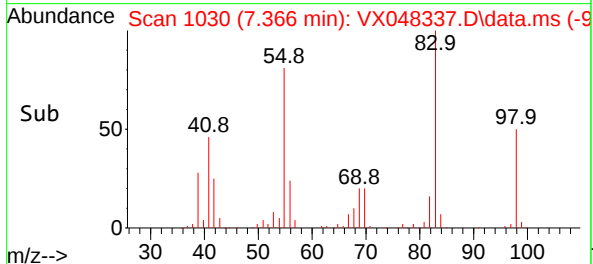
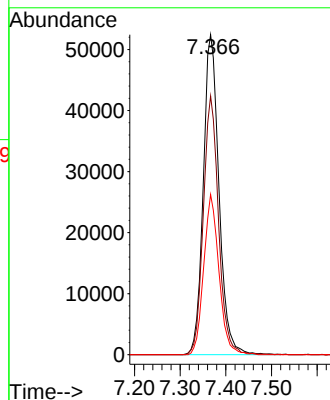
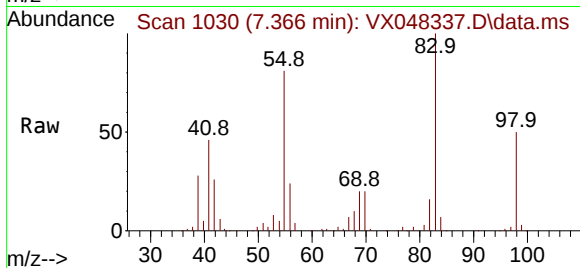
Ion	Ratio	Lower	Upper
83	100		
55	80.8	66.2	99.2
98	50.1	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 45.137 ug/l

RT: 6.025 min Scan# 810

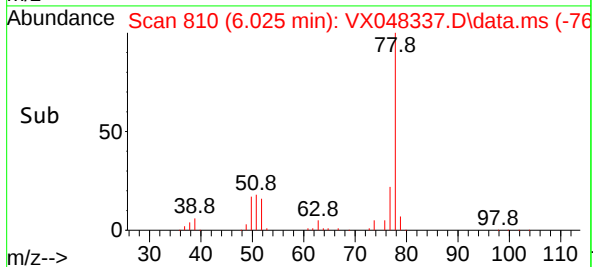
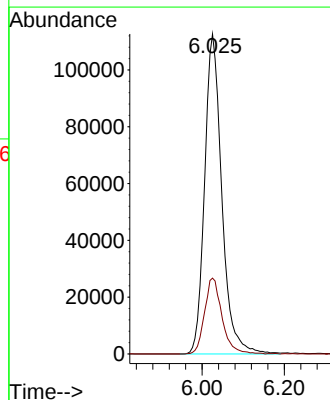
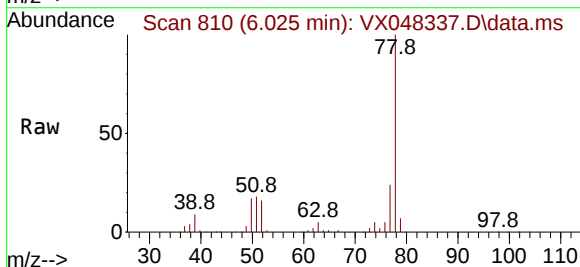
Delta R.T. -0.000 min

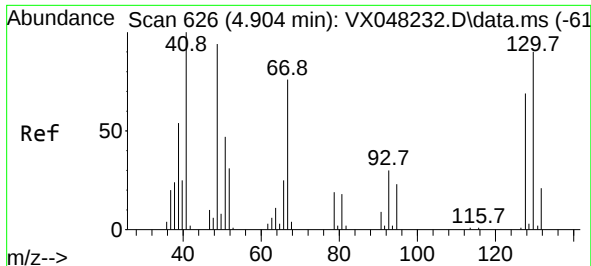
Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Tgt Ion: 78 Resp: 327482

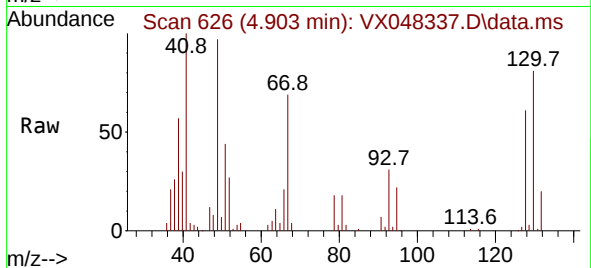
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





#41
Methacrylonitrile
Concen: 48.769 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

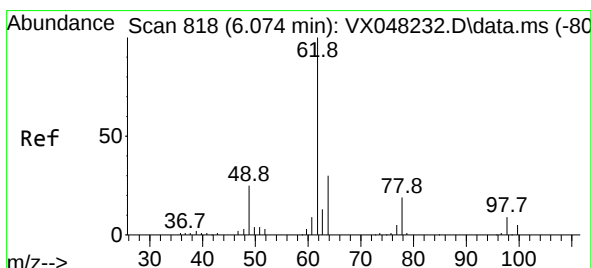
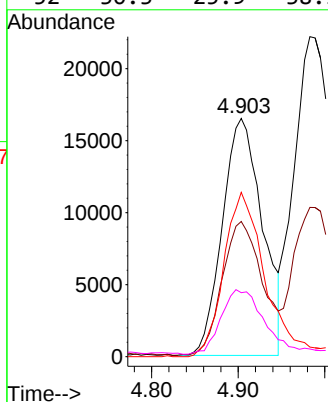
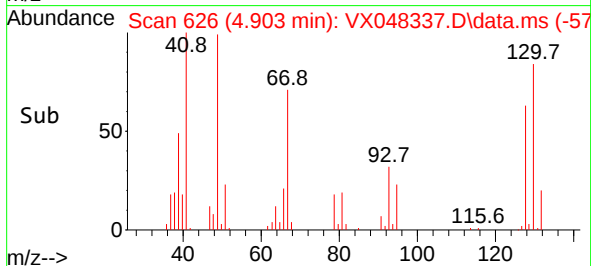
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 53049
Ion Ratio Lower Upper
41 100
39 56.2 44.0 66.0
67 73.8 58.7 88.1
52 30.3 25.9 38.9

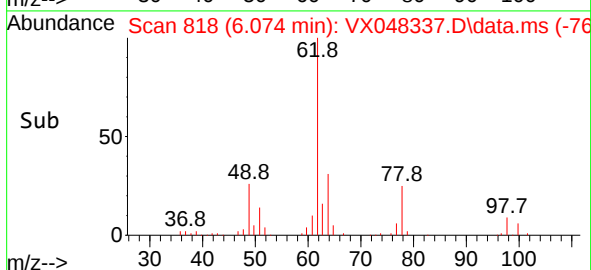
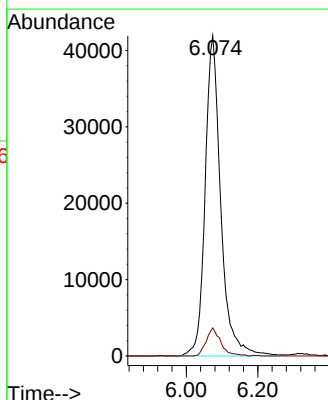
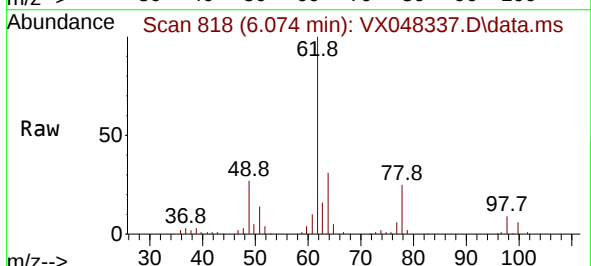
Manual Integrations
APPROVED

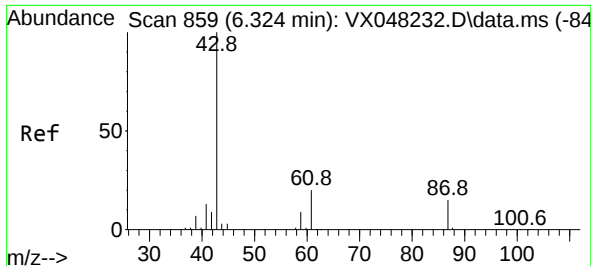
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 47.463 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

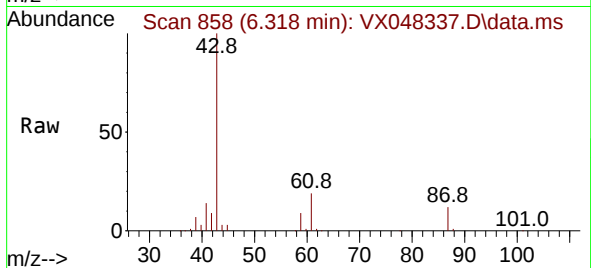
Tgt Ion: 62 Resp: 127071
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.2





#43
Isopropyl Acetate
Concen: 49.714 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

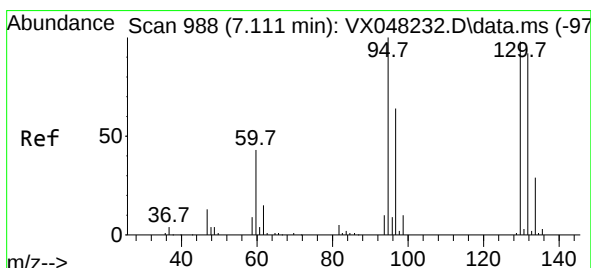
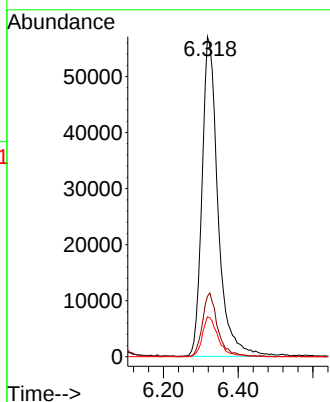
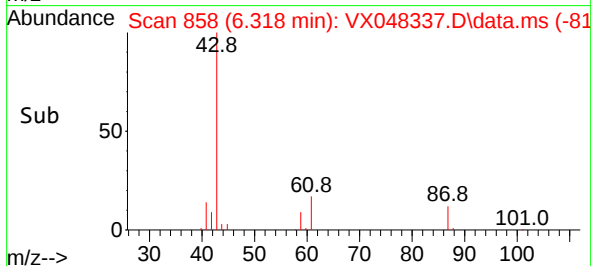
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16914
Ion Ratio Lower Upper
43 100
61 19.1 14.9 22.3
87 12.3 9.4 14.2

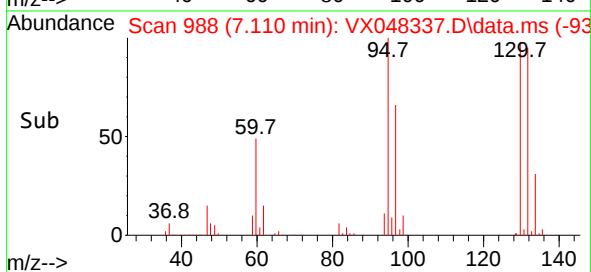
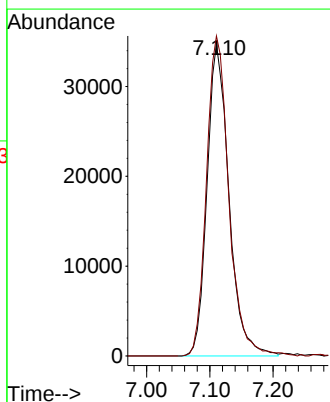
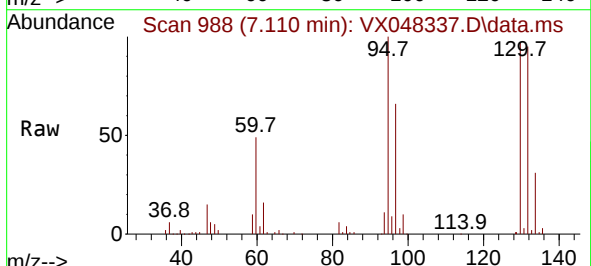
Manual Integrations
APPROVED

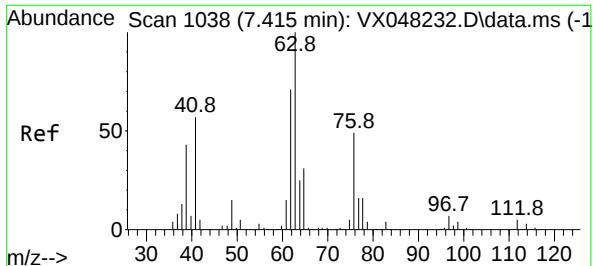
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 43.599 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

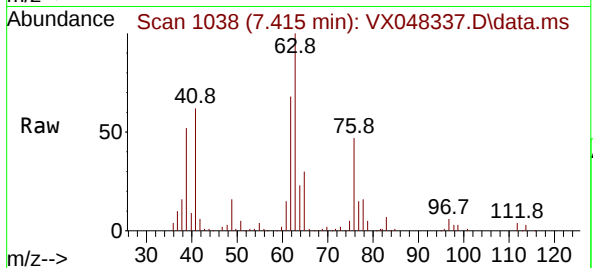
Tgt Ion:130 Resp: 83526
Ion Ratio Lower Upper
130 100
95 102.6 0.0 200.6





#45
1,2-Dichloropropane
Concen: 47.449 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

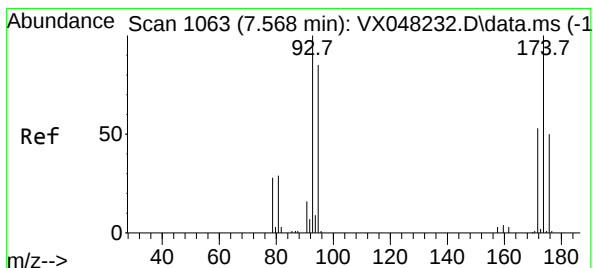
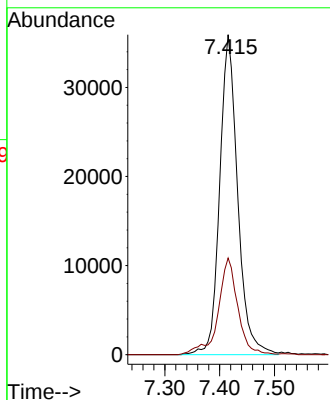
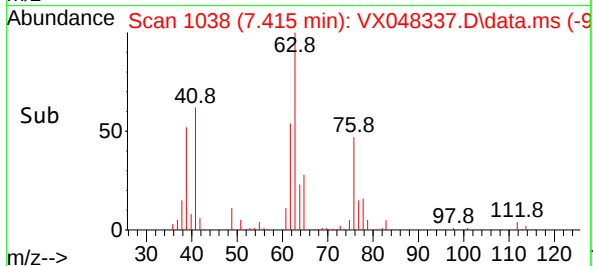
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 8184
Ion Ratio Lower Upper
63 100
65 30.2 24.1 36.1

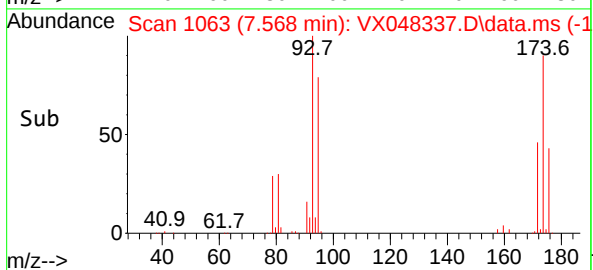
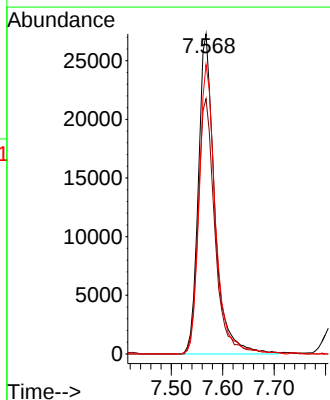
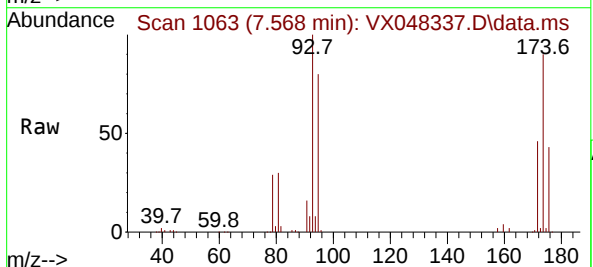
Manual Integrations
APPROVED

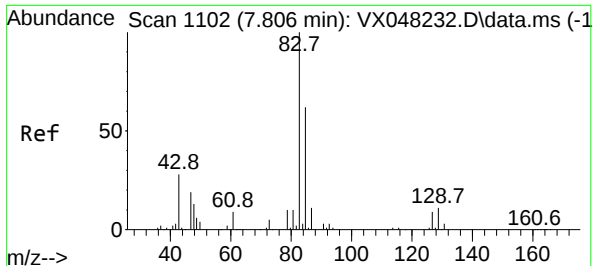
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#46
Dibromomethane
Concen: 44.742 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

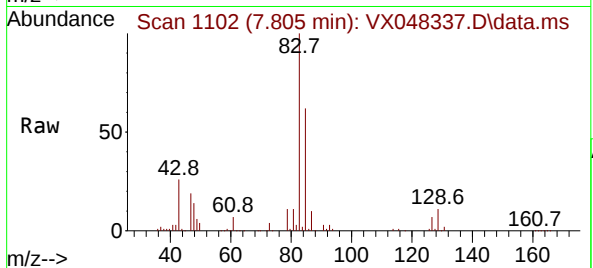
Tgt Ion: 93 Resp: 60129
Ion Ratio Lower Upper
93 100
95 82.2 65.9 98.9
174 90.5 71.7 107.5





#47
Bromodichloromethane
Concen: 44.081 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

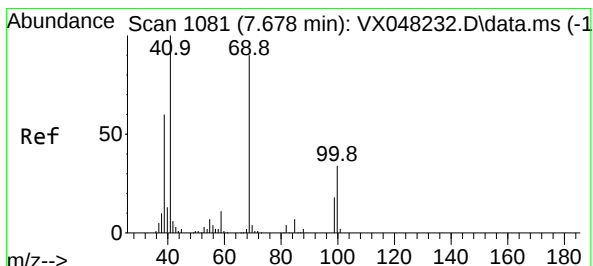
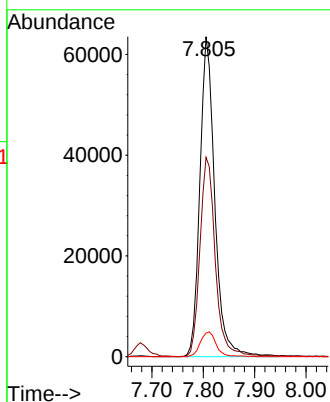
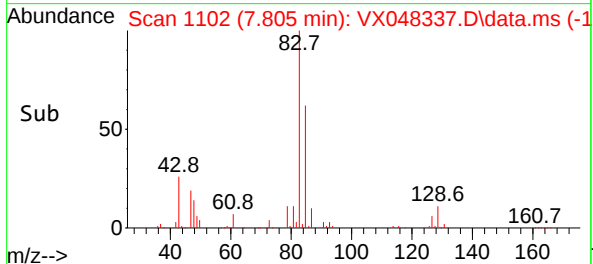
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 127910
Ion Ratio Lower Upper
83 100
85 62.3 52.2 78.4
127 7.4 7.3 10.9

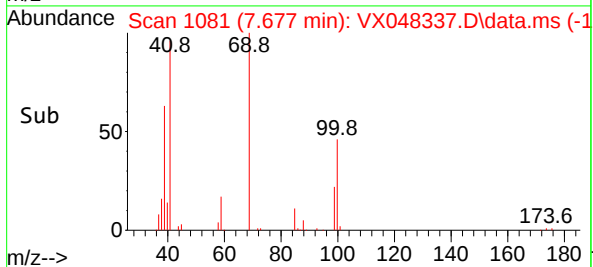
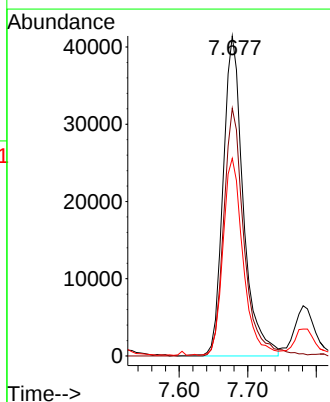
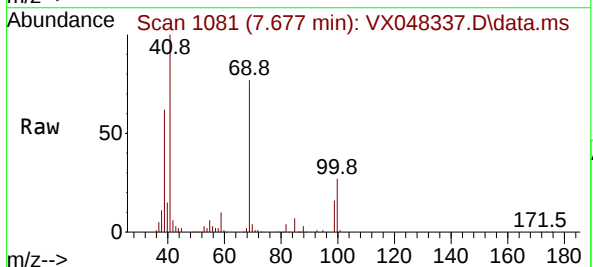
Manual Integrations
APPROVED

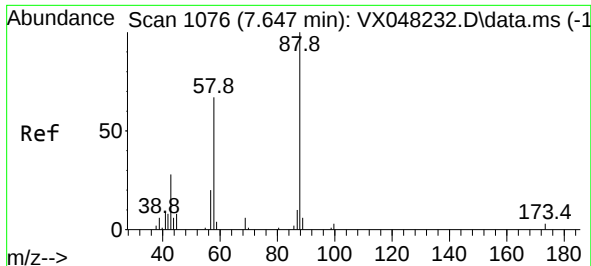
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 49.165 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

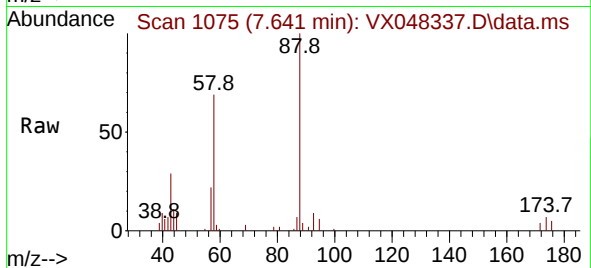
Tgt Ion: 41 Resp: 84409
Ion Ratio Lower Upper
41 100
69 78.2 63.4 95.0
39 61.3 47.1 70.7





#49
1,4-Dioxane
Concen: 720.879 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

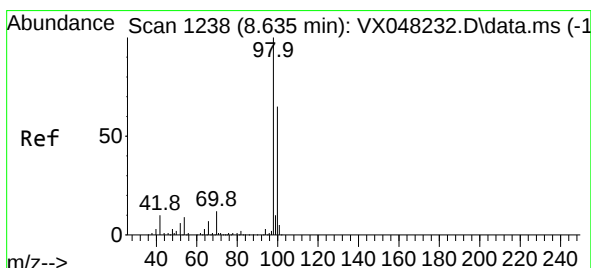
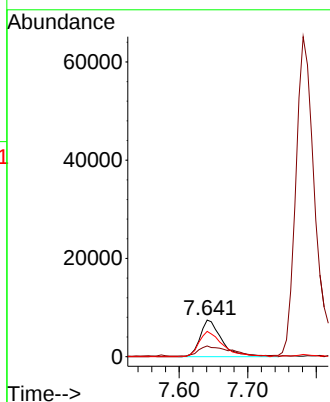
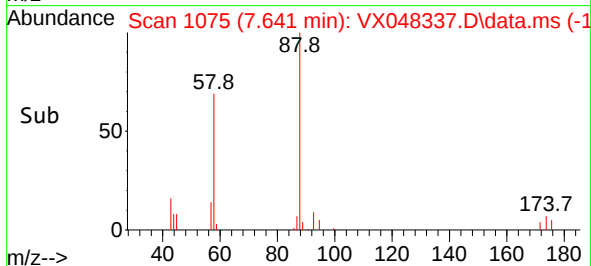
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 1635
Ion Ratio Lower Upper
88 100
43 39.0 35.0 52.4
58 75.7 61.9 92.9

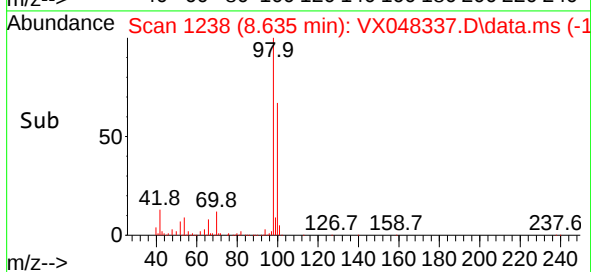
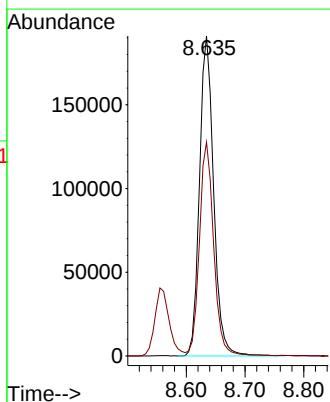
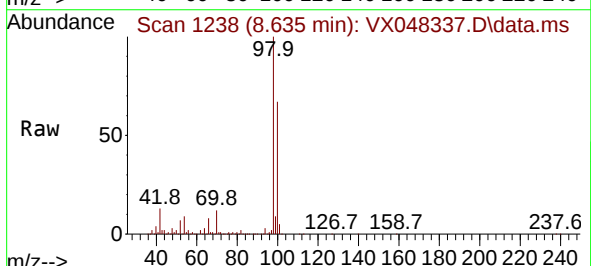
Manual Integrations
APPROVED

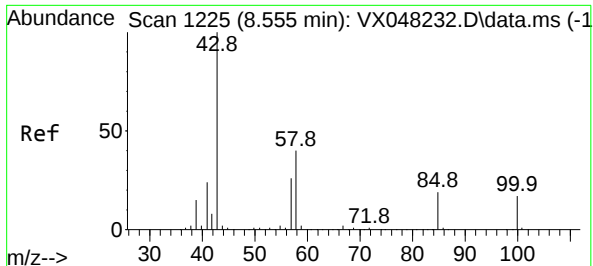
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#50
Toluene-d8
Concen: 51.905 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Tgt Ion: 98 Resp: 319872
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 238.354 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDC0050EC

Tgt Ion: 43 Resp: 46757

Ion Ratio Lower Upper

43 100

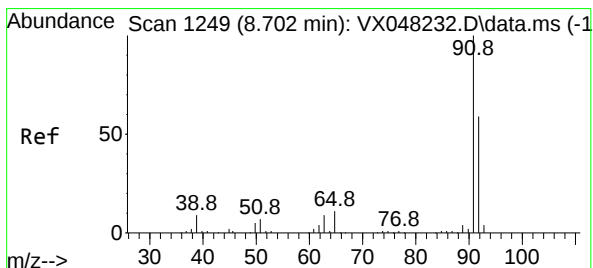
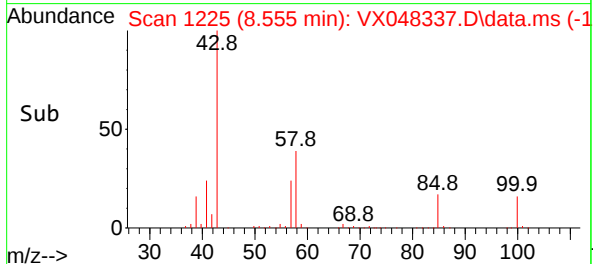
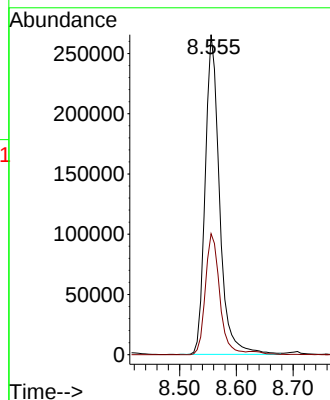
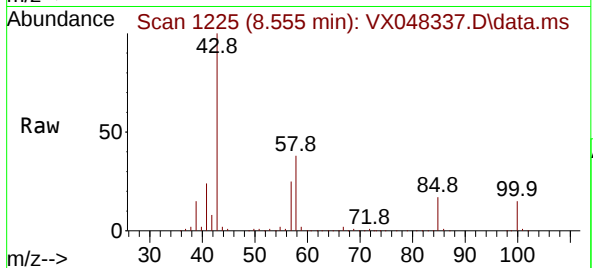
58 37.7 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#52

Toluene

Concen: 44.453 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048337.D

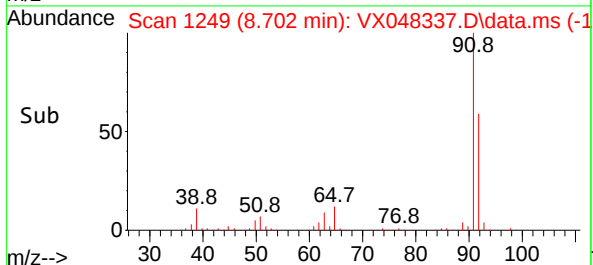
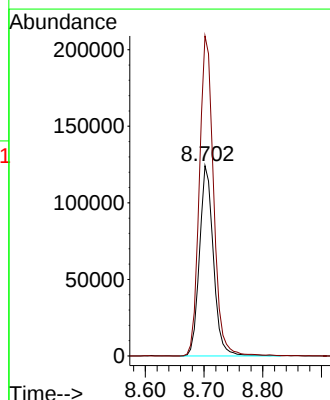
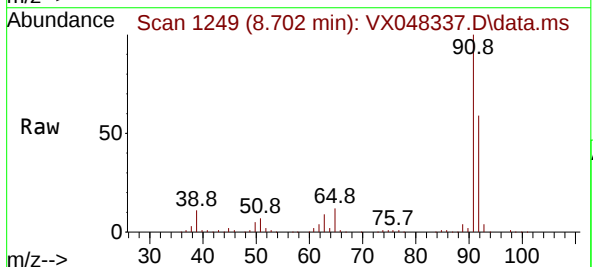
Acq: 23 Oct 2025 19:13

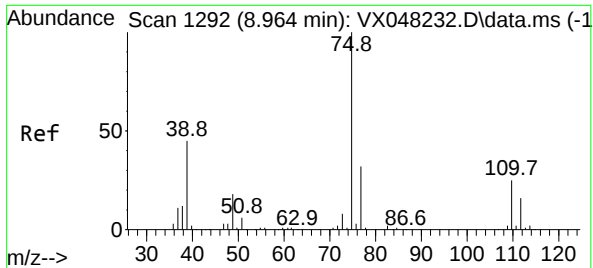
Tgt Ion: 92 Resp: 204892

Ion Ratio Lower Upper

92 100

91 171.9 136.1 204.1





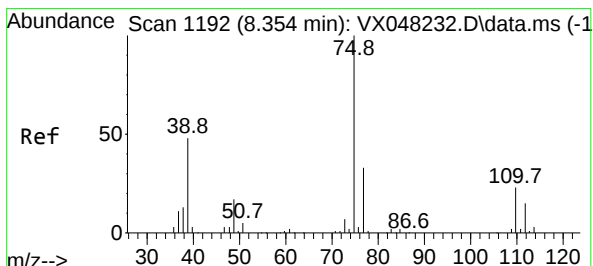
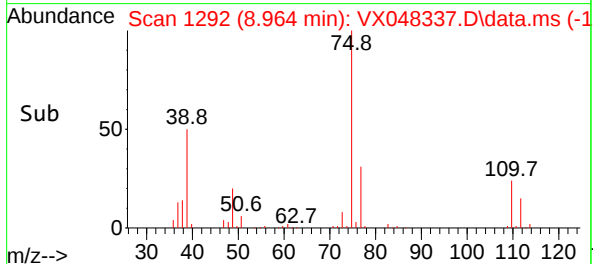
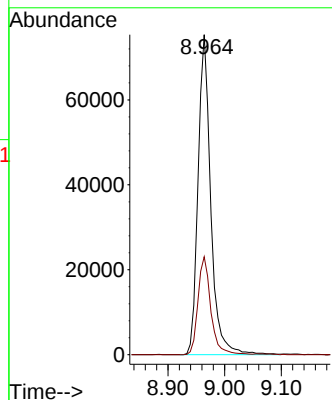
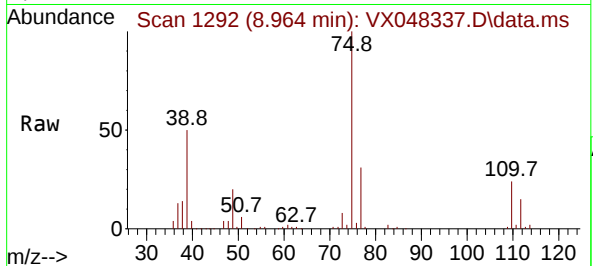
#53
 t-1,3-Dichloropropene
 Concen: 41.910 ug/l
 RT: 8.964 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048337.D
 Acq: 23 Oct 2025 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 117192
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.6

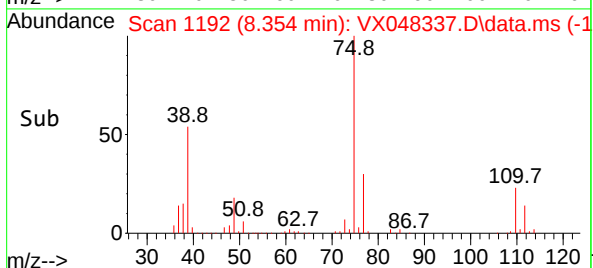
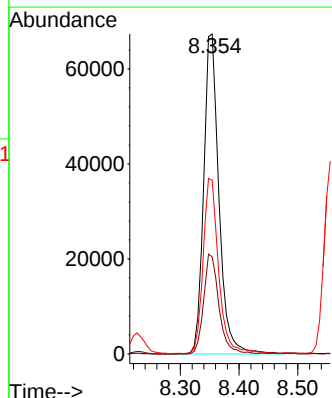
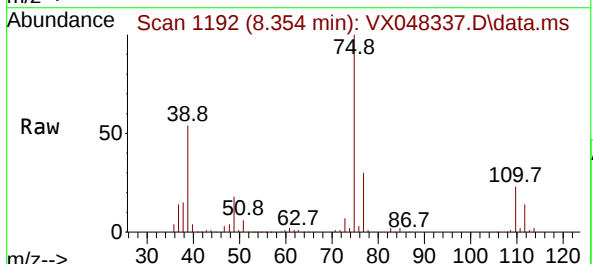
Manual Integrations
 APPROVED

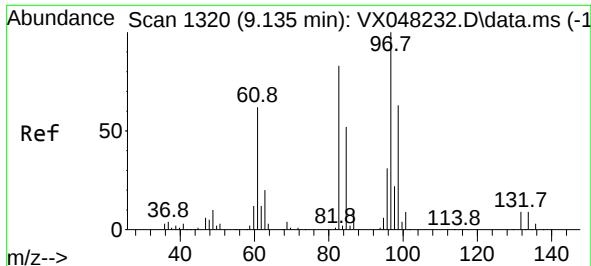
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#54
 cis-1,3-Dichloropropene
 Concen: 40.349 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: VX048337.D
 Acq: 23 Oct 2025 19:13

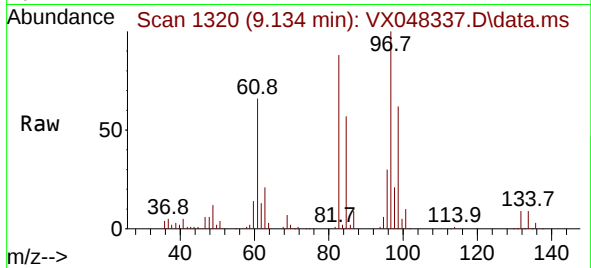
Tgt Ion: 75 Resp: 121728
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.9 37.3
 39 54.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 43.774 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

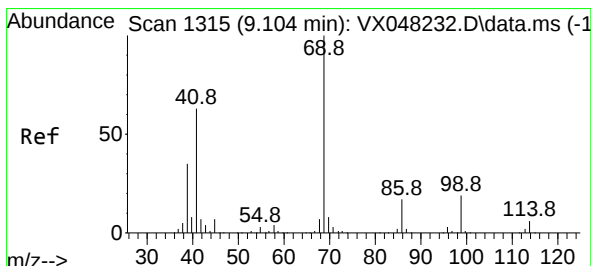
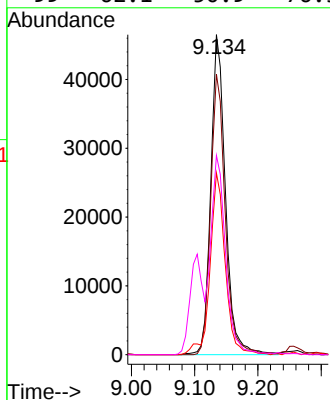
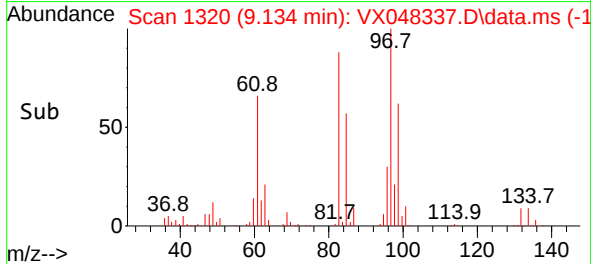
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



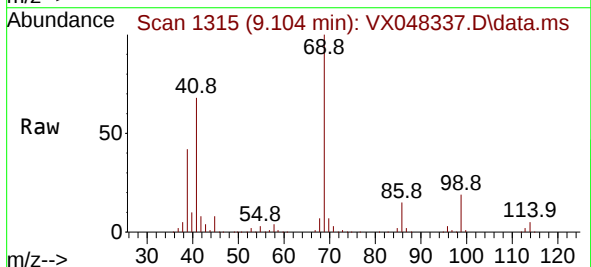
Tgt Ion: 97 Resp: 75032
Ion Ratio Lower Upper
97 100
83 87.6 70.6 105.8
85 56.5 45.0 67.6
99 62.1 50.9 76.3

Manual Integrations
APPROVED

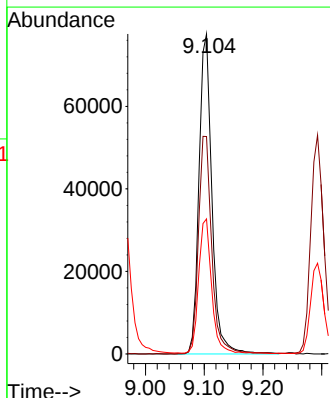
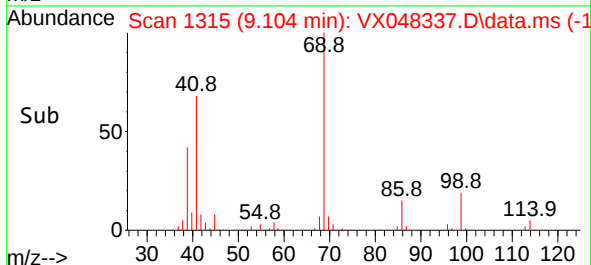
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

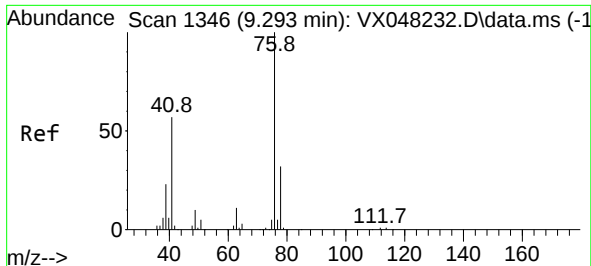


#56
Ethyl methacrylate
Concen: 47.170 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



Tgt Ion: 69 Resp: 118259
Ion Ratio Lower Upper
69 100
41 70.3 56.0 84.0
39 42.6 31.6 47.4





#57

1,3-Dichloropropane

Concen: 45.561 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13339

Ion Ratio Lower Upper

76 100

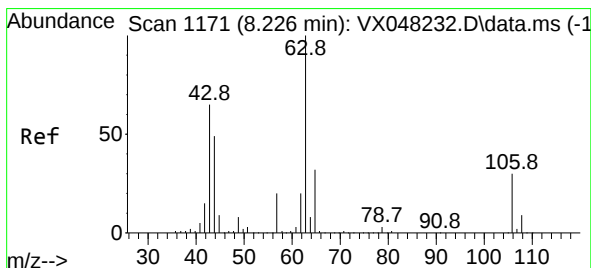
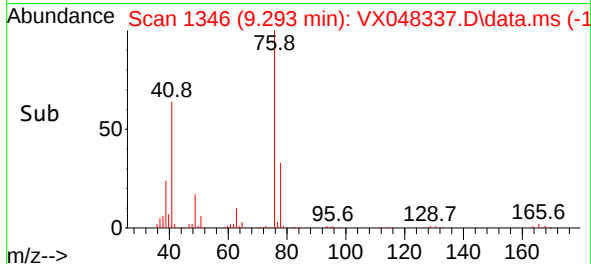
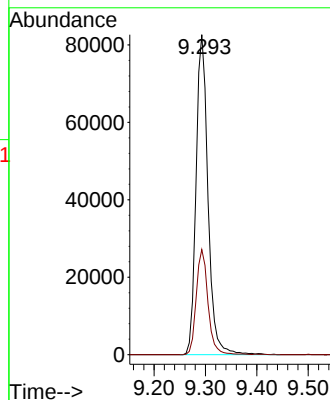
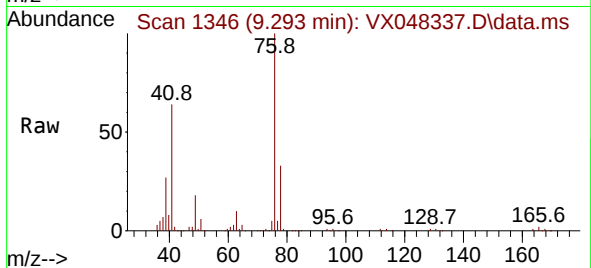
78 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 242.801 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048337.D

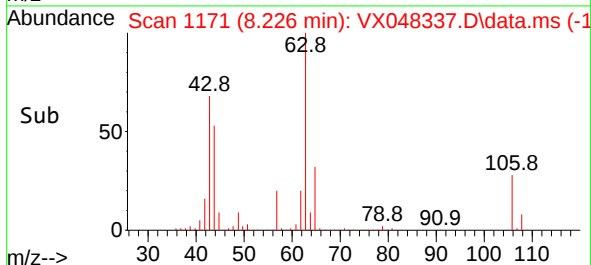
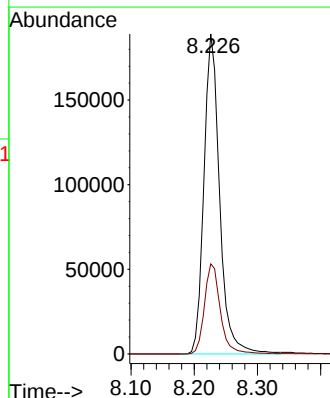
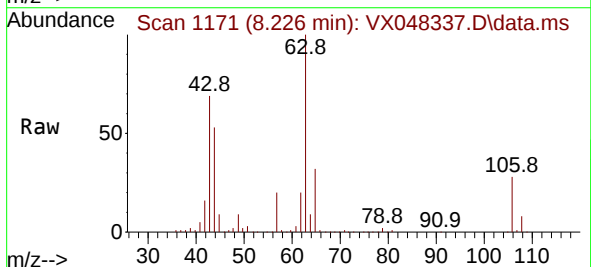
Acq: 23 Oct 2025 19:13

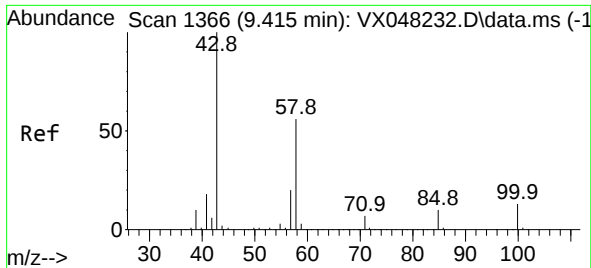
Tgt Ion: 63 Resp: 327245

Ion Ratio Lower Upper

63 100

106 28.6 22.2 33.2





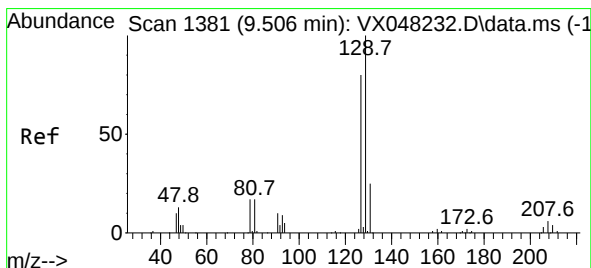
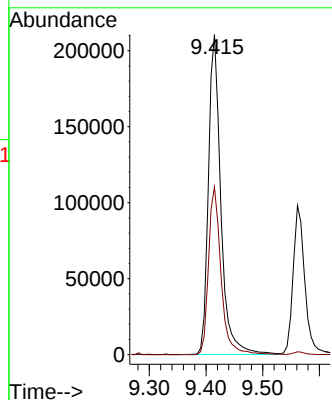
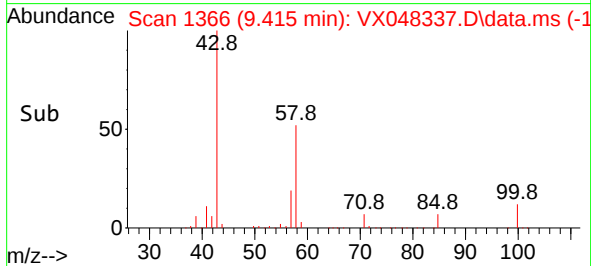
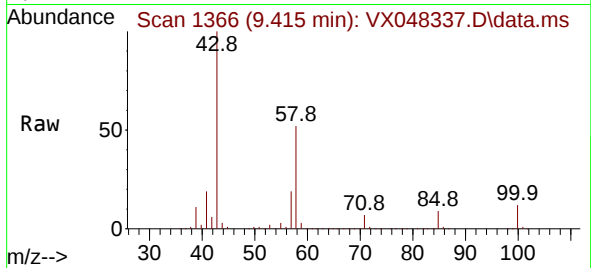
#59
2-Hexanone
Concen: 234.045 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 32014
Ion Ratio Lower Upper
43 100
58 52.9 26.3 78.8

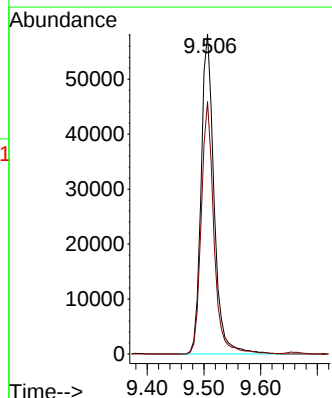
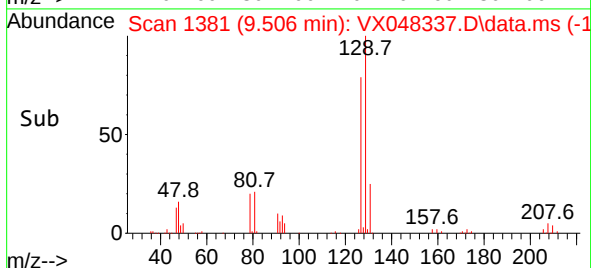
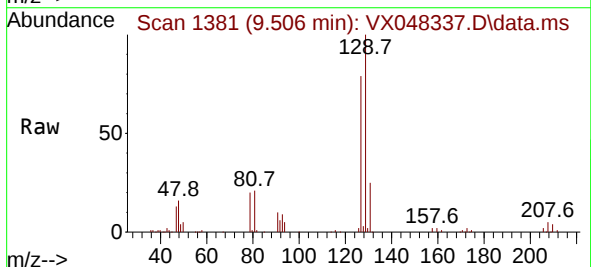
Manual Integrations
APPROVED

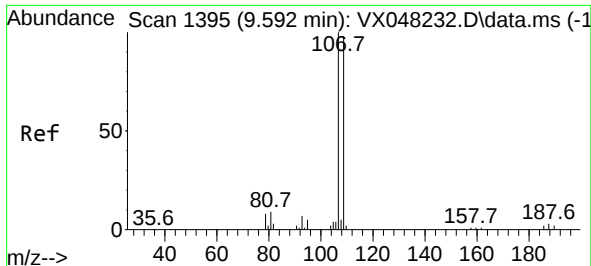
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 40.130 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

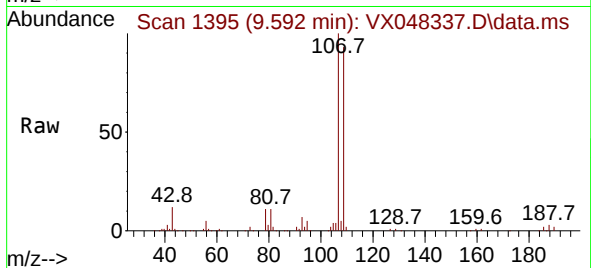
Tgt Ion:129 Resp: 92451
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 43.712 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

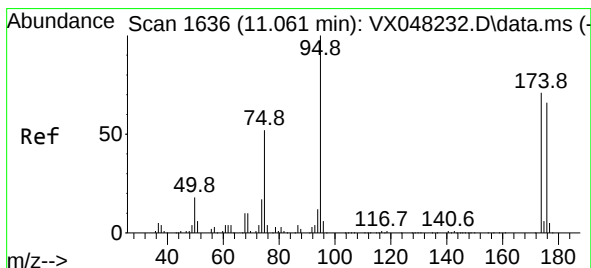
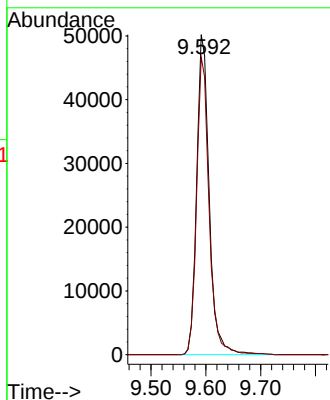
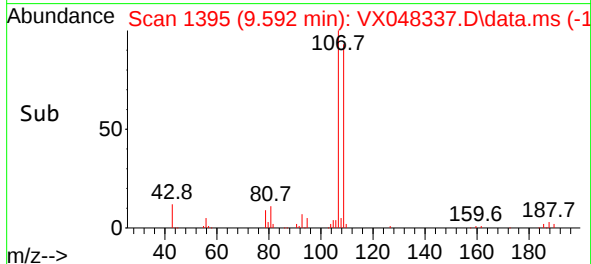
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 79875
Ion Ratio Lower Upper
107 100
109 93.0 77.0 115.4

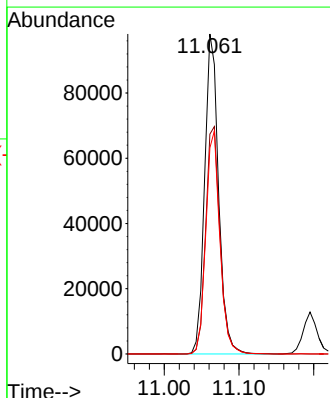
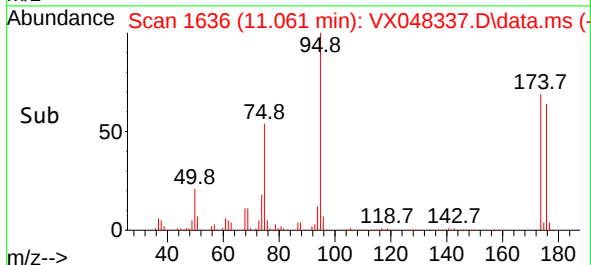
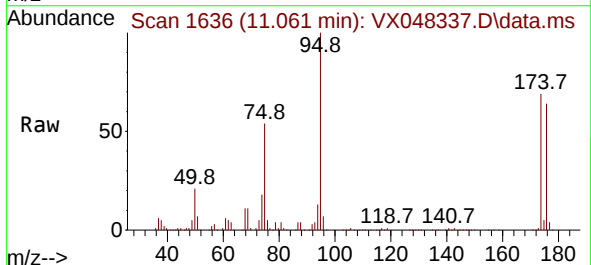
Manual Integrations
APPROVED

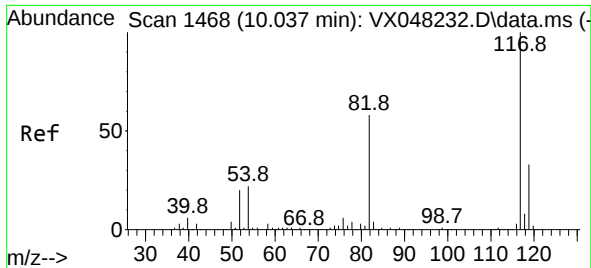
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 54.105 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

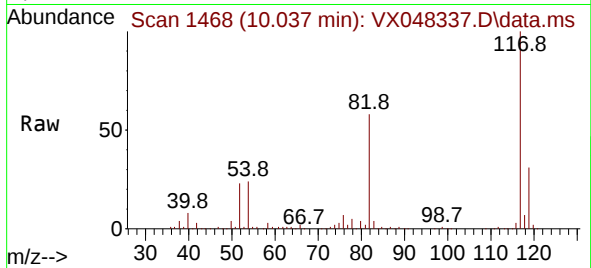
Tgt Ion: 95 Resp: 126845
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.8
176 70.4 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

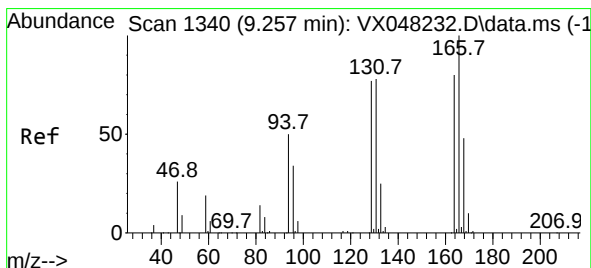
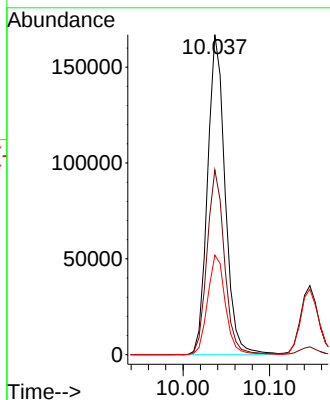
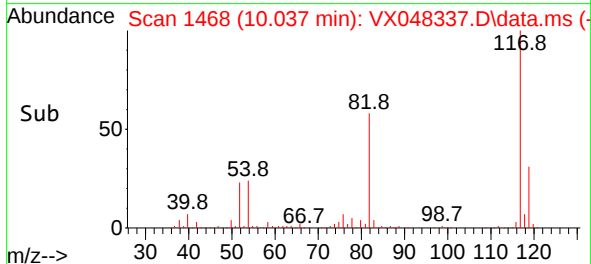
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 235214
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 31.1 25.9 38.9

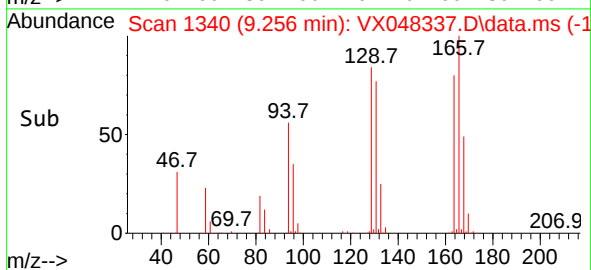
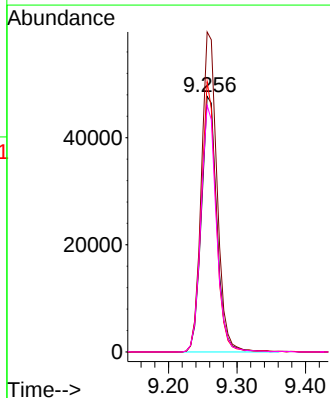
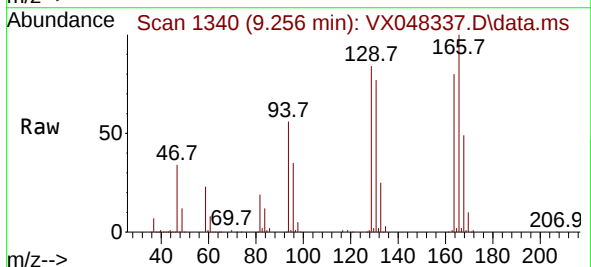
Manual Integrations
APPROVED

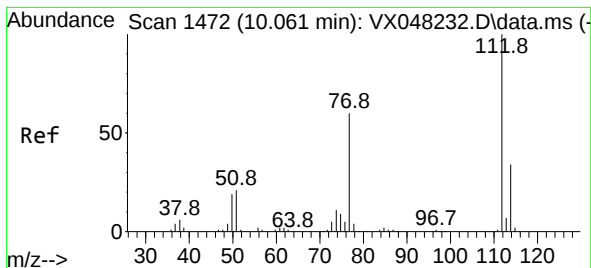
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 42.775 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Tgt Ion:164 Resp: 75109
Ion Ratio Lower Upper
164 100
166 125.2 104.5 156.7
129 105.8 81.8 122.6
131 96.5 77.0 115.6





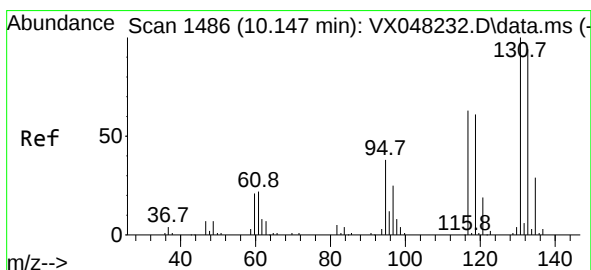
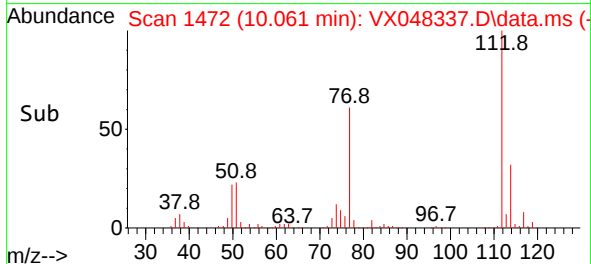
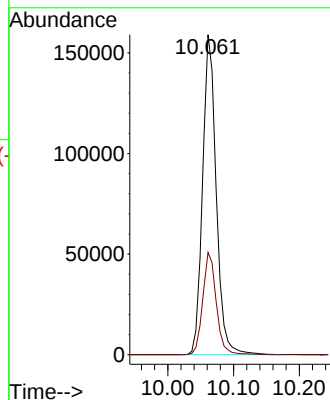
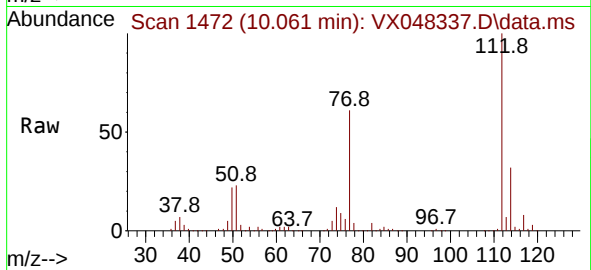
#65
Chlorobenzene
Concen: 43.280 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 22900
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

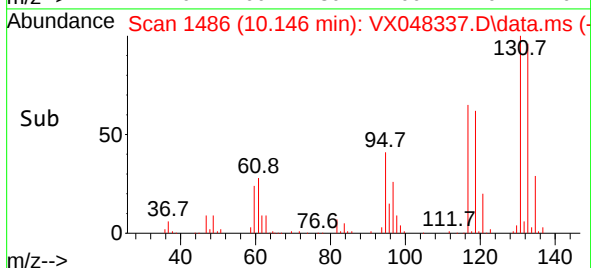
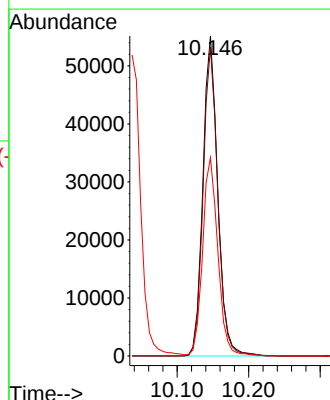
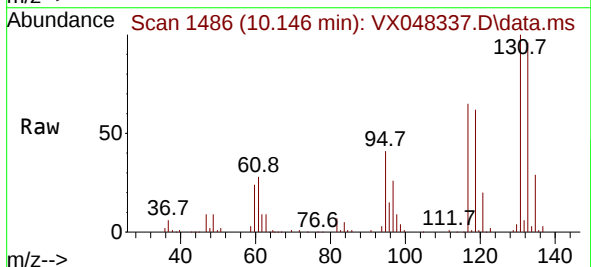
Manual Integrations
APPROVED

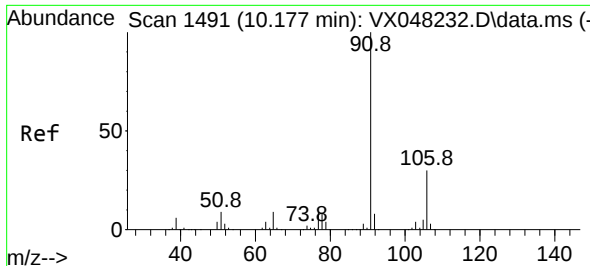
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 40.974 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

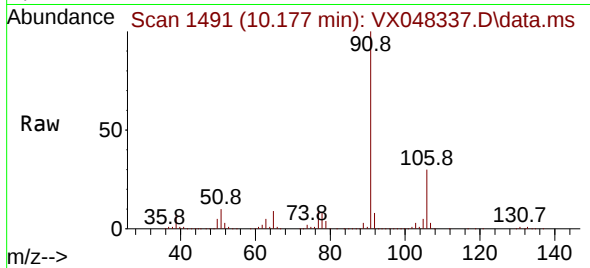
Tgt Ion:131 Resp: 79630
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 63.5 32.5 97.5





#67
Ethyl Benzene
Concen: 44.274 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

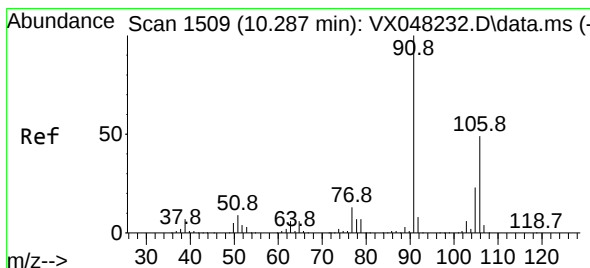
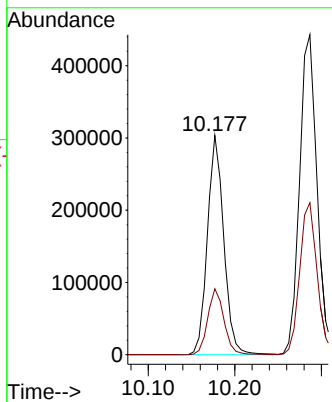
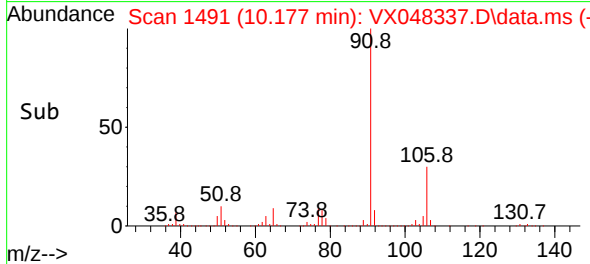
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



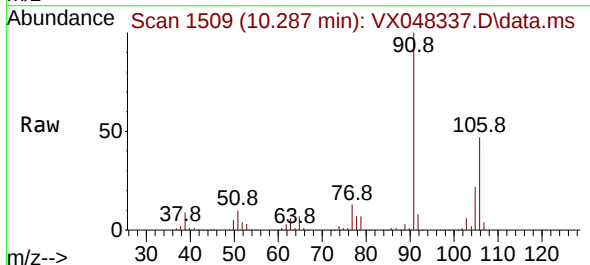
Tgt Ion: 91 Resp: 39884
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6

Manual Integrations
APPROVED

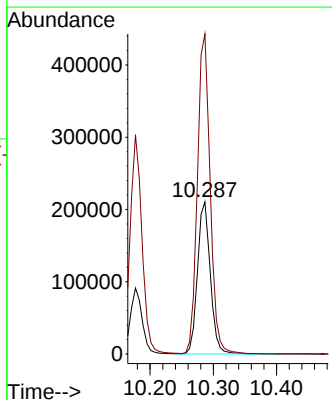
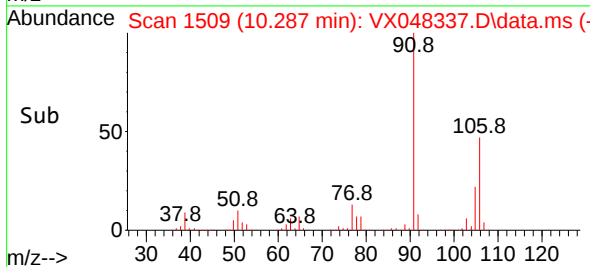
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

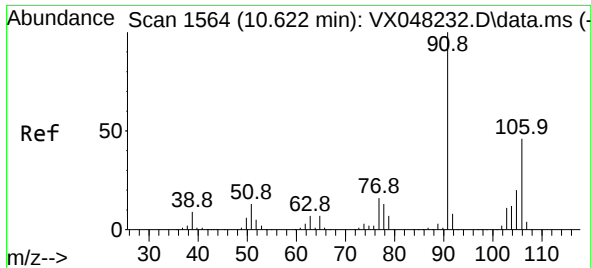


#68
m/p-Xylenes
Concen: 88.790 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



Tgt Ion:106 Resp: 297191
Ion Ratio Lower Upper
106 100
91 210.1 167.9 251.9





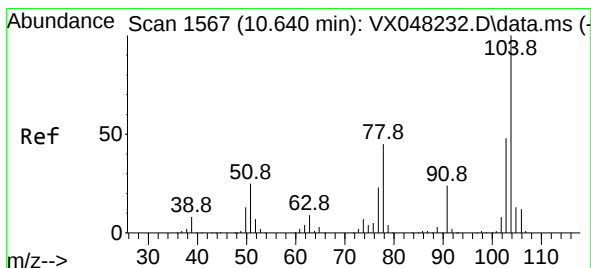
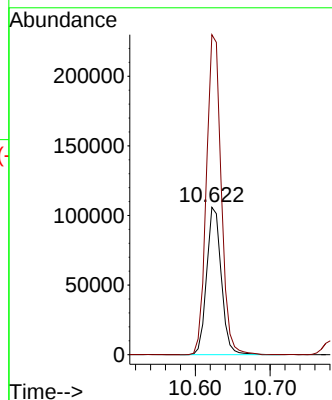
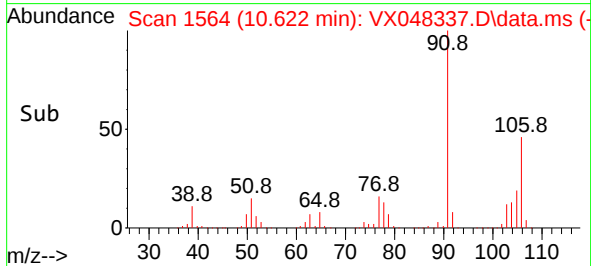
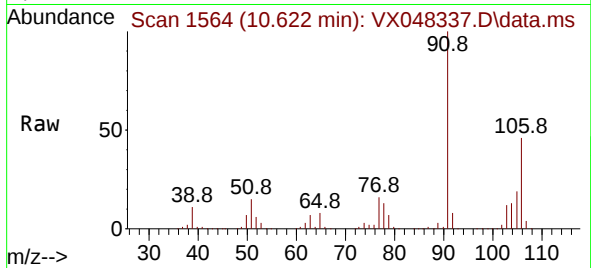
#69
o-Xylene
Concen: 44.542 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 143930
Ion Ratio Lower Upper
106 100
91 219.8 111.3 333.9

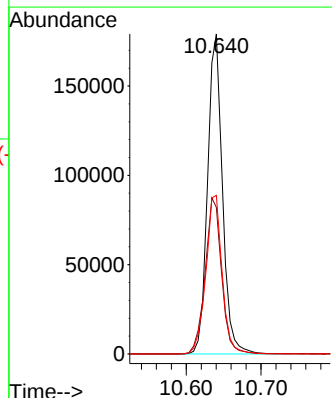
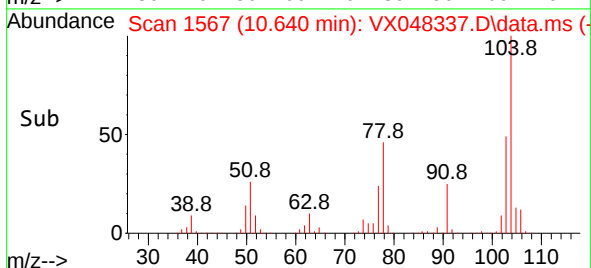
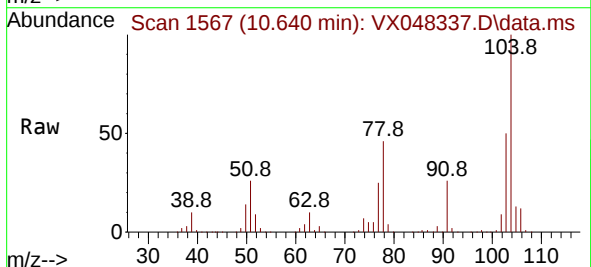
Manual Integrations
APPROVED

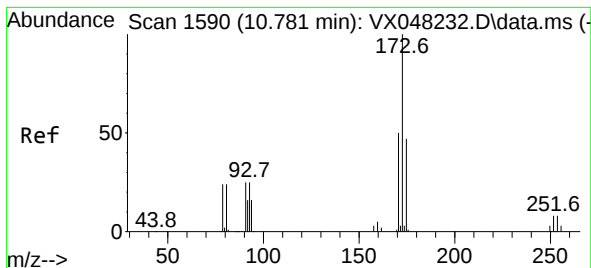
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 44.968 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Tgt Ion:104 Resp: 247430
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.4
103 54.5 43.0 64.4





#71

Bromoform

Concen: 36.545 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

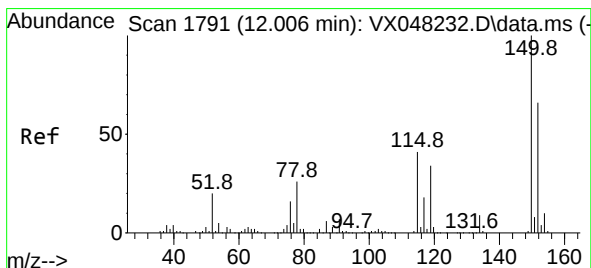
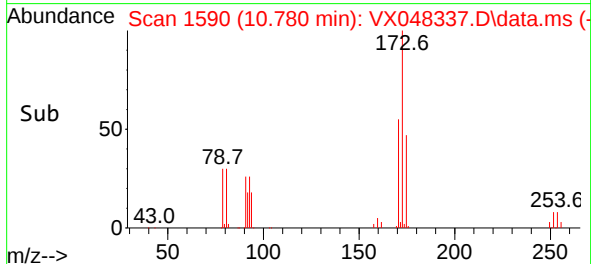
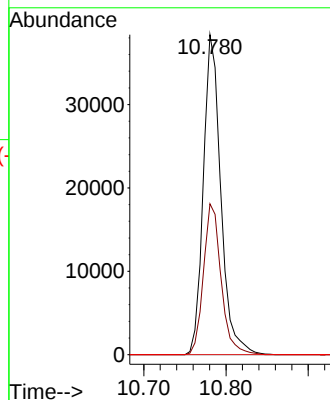
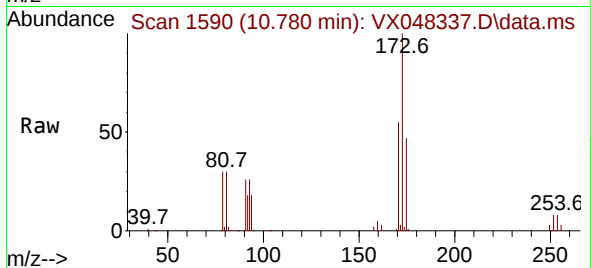
Tgt Ion:173 Resp: 5676
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

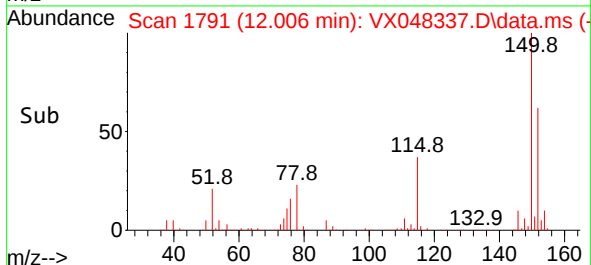
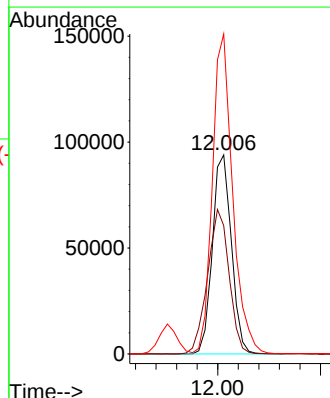
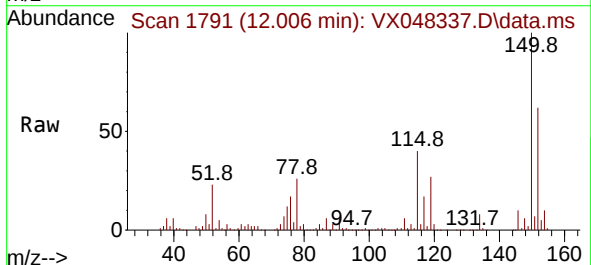
RT: 12.006 min Scan# 1791

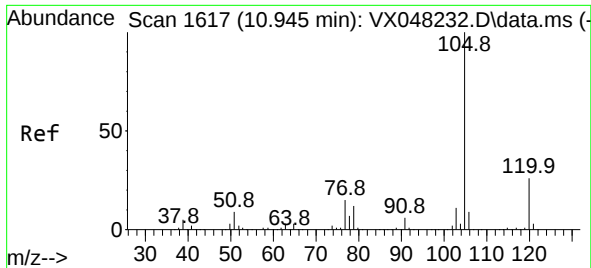
Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Tgt Ion:152 Resp: 120419
 Ion Ratio Lower Upper
 152 100
 115 82.6 43.1 129.4
 150 170.9 0.0 353.0





#73
Isopropylbenzene
Concen: 42.241 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

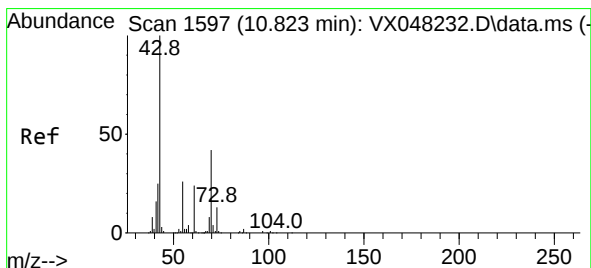
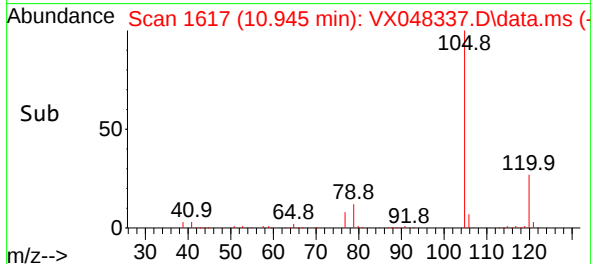
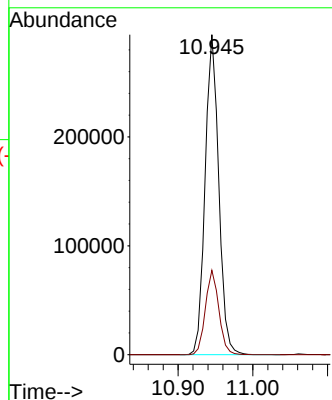
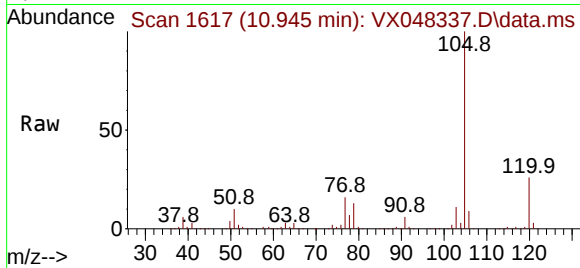
VSTDCCC050EC

Tgt Ion:105 Resp: 371529
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

Manual Integrations

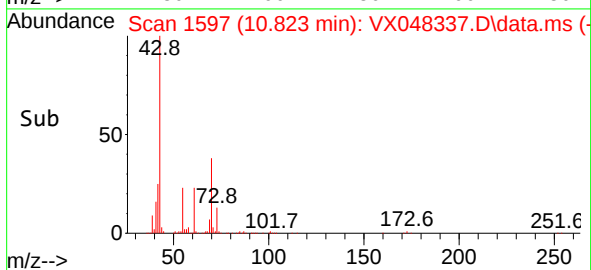
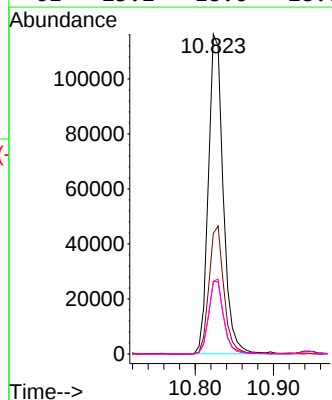
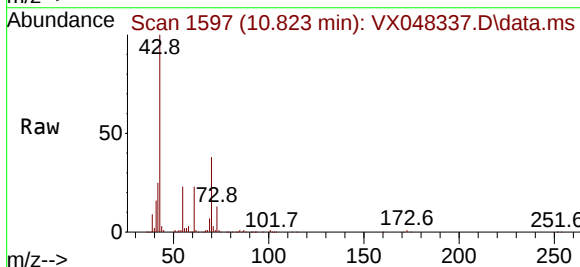
APPROVED

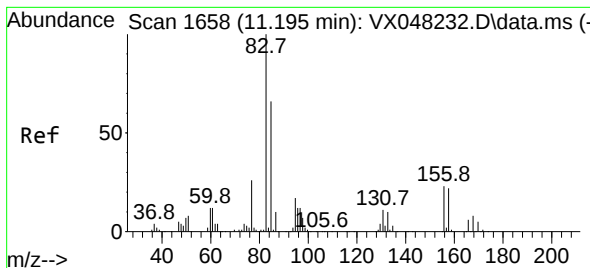
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 48.919 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

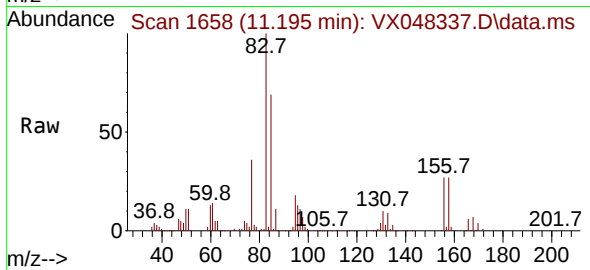
Tgt Ion: 43 Resp: 152619
Ion Ratio Lower Upper
43 100
70 40.4 32.2 48.2
55 23.4 19.1 28.7
61 23.2 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 40.256 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

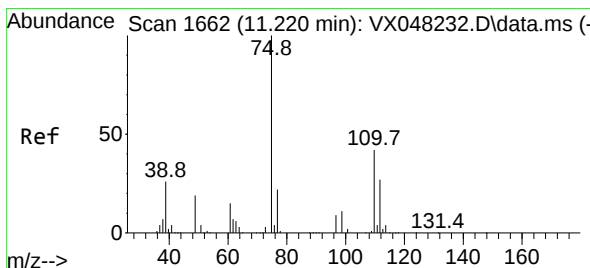
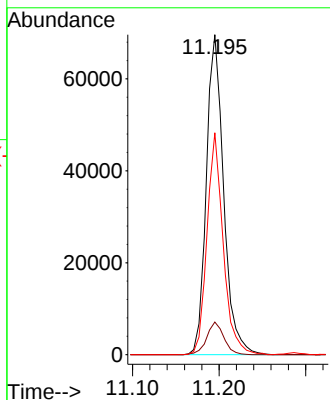
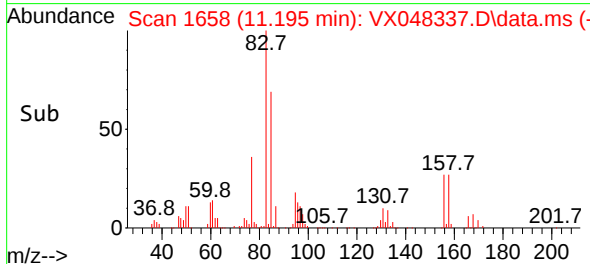
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



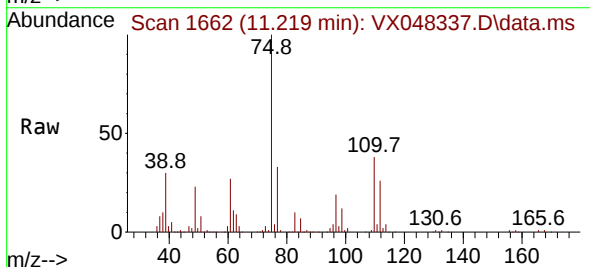
Tgt Ion: 83 Resp: 96692
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 65.0 31.9 95.7

Manual Integrations
APPROVED

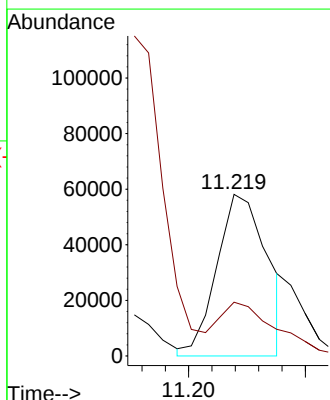
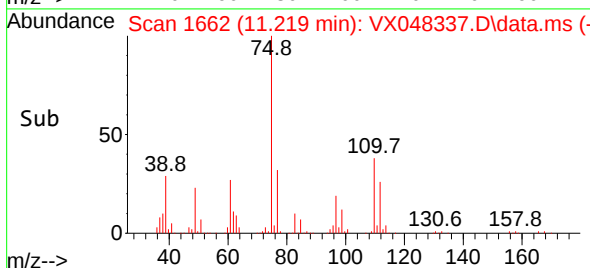
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

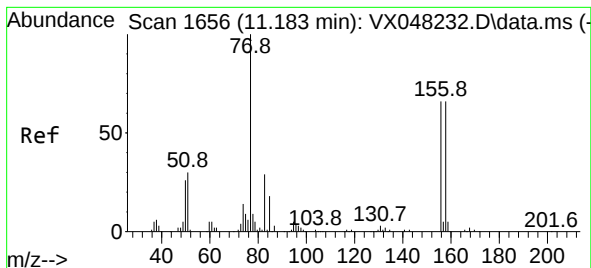


#76
1,2,3-Trichloropropane
Concen: 44.585 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



Tgt Ion: 75 Resp: 87066
Ion Ratio Lower Upper
75 100
77 37.4 22.4 67.2





#77

Bromobenzene

Concen: 40.687 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

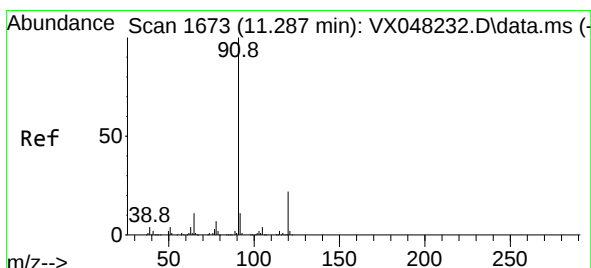
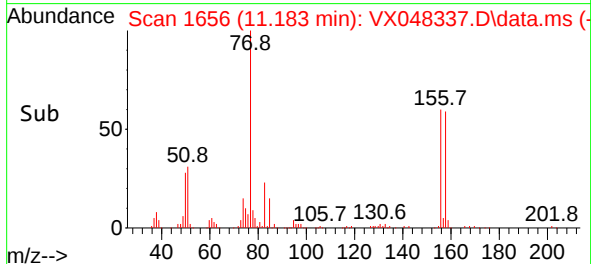
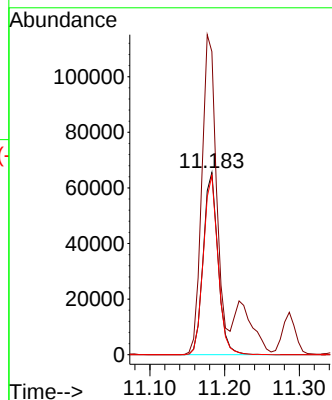
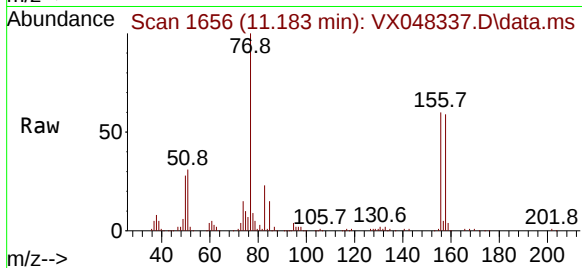
Tgt Ion:	156	Resp:	89730
Ion Ratio	Lower	Upper	
156	100		
77	177.0	87.0	261.0
158	97.9	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#78

n-propylbenzene

Concen: 43.172 ug/l

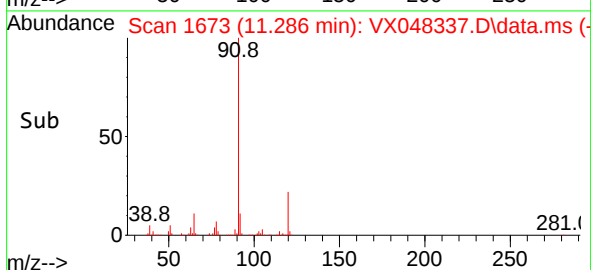
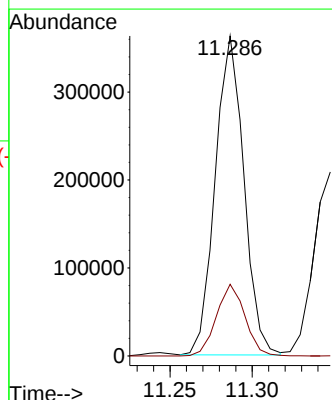
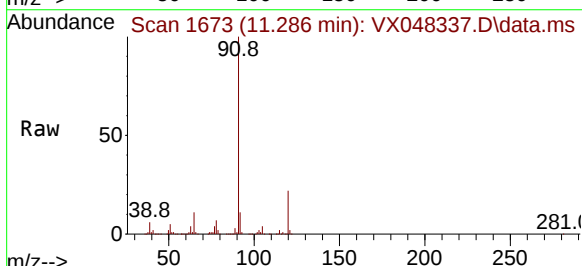
RT: 11.286 min Scan# 1673

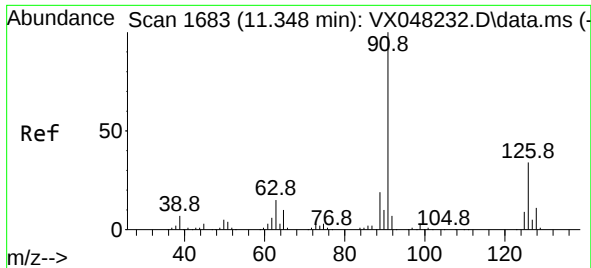
Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Tgt Ion:	91	Resp:	439643
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.1





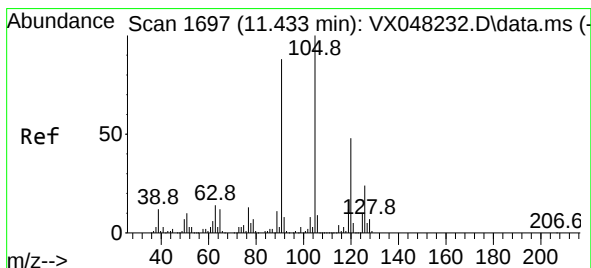
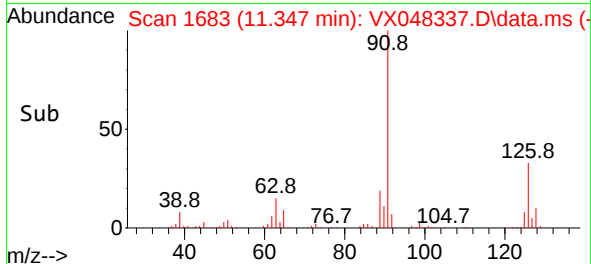
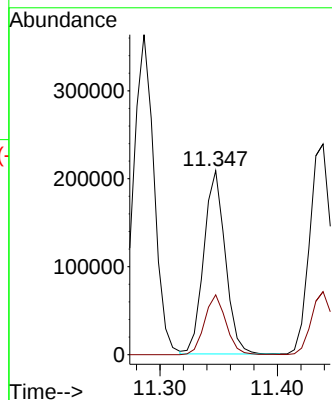
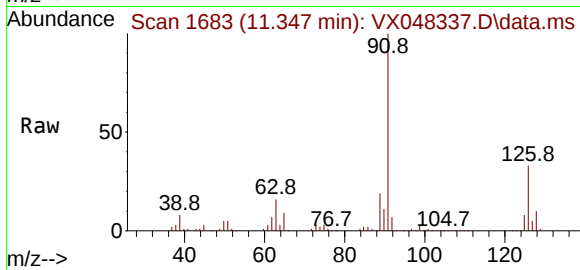
#79
2-Chlorotoluene
Concen: 42.835 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 264472
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

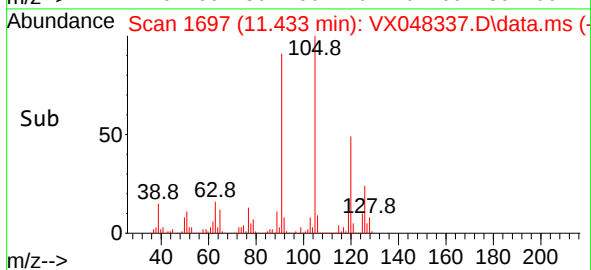
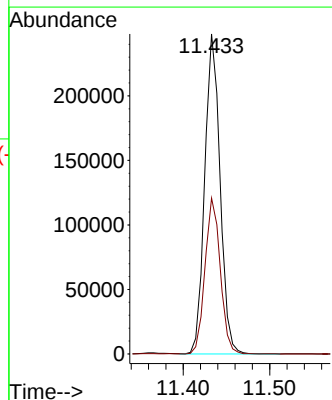
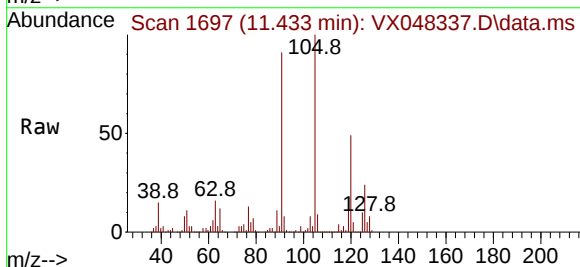
Manual Integrations
APPROVED

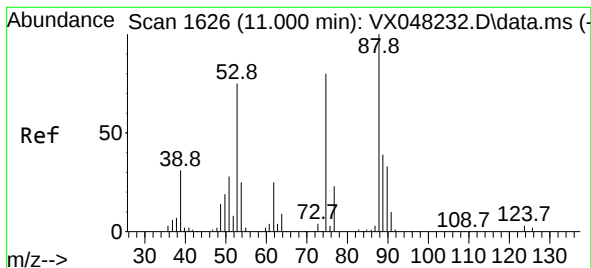
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 41.802 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

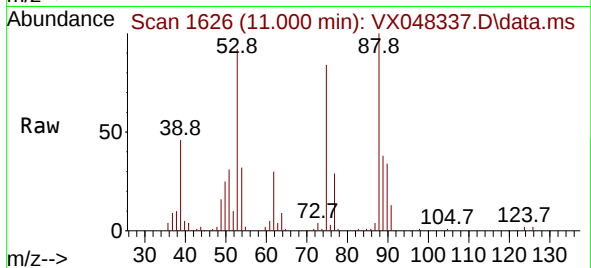
Tgt Ion:105 Resp: 304259
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 24.263 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

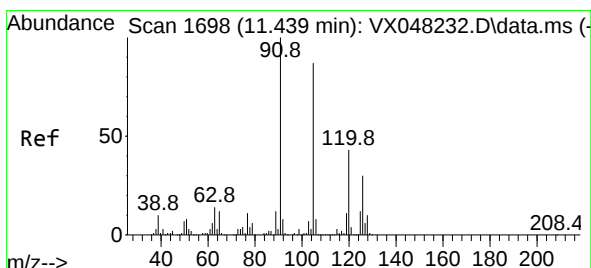
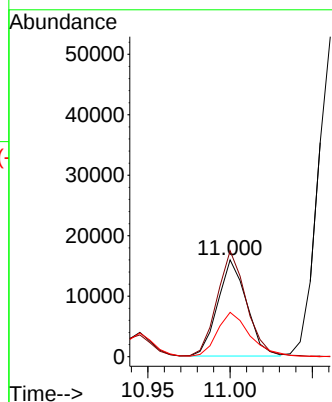
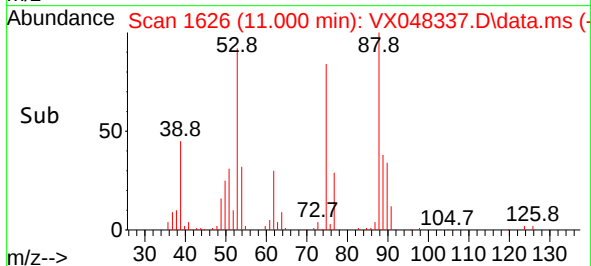
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



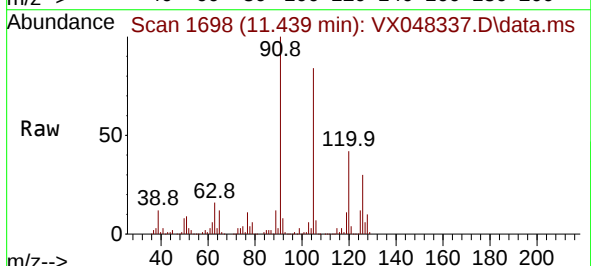
Tgt Ion: 75 Resp: 1947
Ion Ratio Lower Upper
75 100
53 112.6 79.5 119.3
89 52.5 36.8 55.2

Manual Integrations
APPROVED

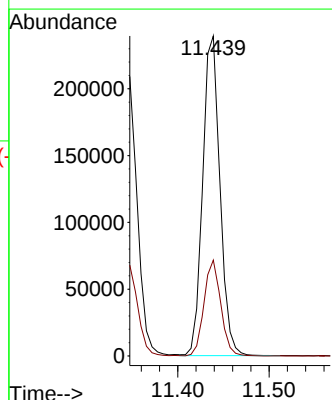
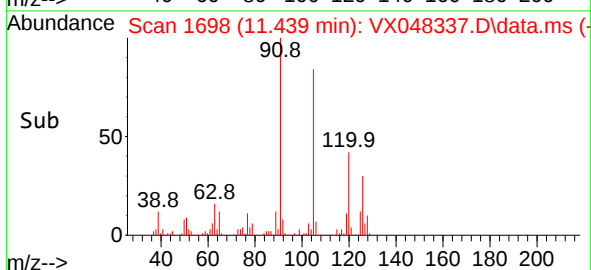
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

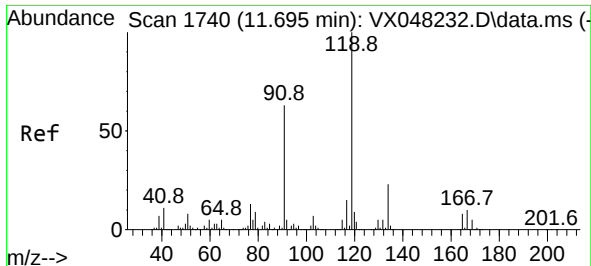


#82
4-Chlorotoluene
Concen: 42.759 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



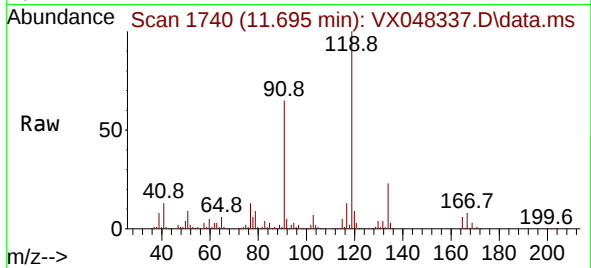
Tgt Ion: 91 Resp: 313397
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 40.920 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

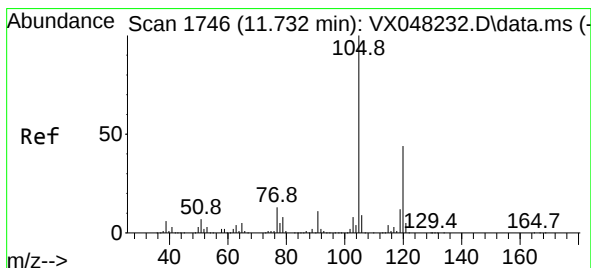
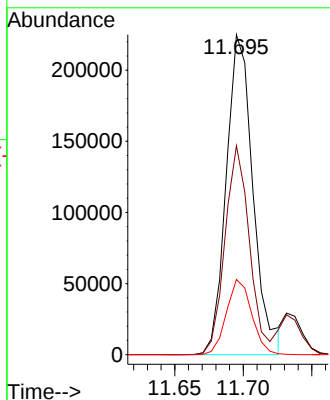
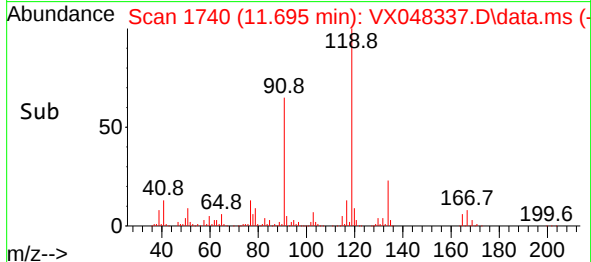
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



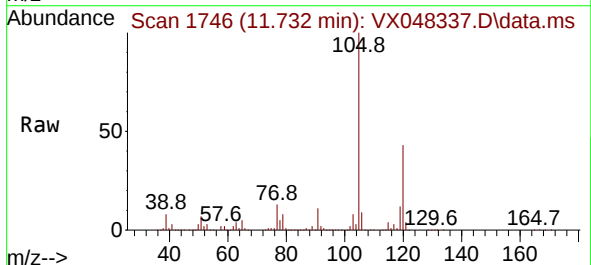
Tgt Ion:119 Resp: 306020
Ion Ratio Lower Upper
119 100
91 59.6 30.3 91.0
134 22.2 11.4 34.2

Manual Integrations
APPROVED

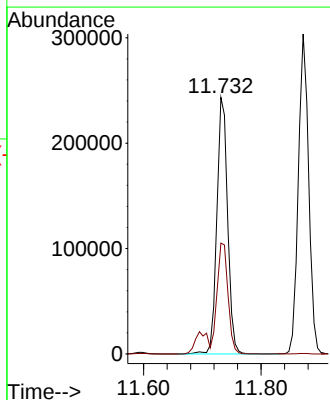
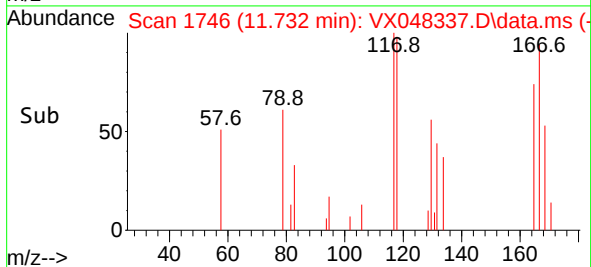
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

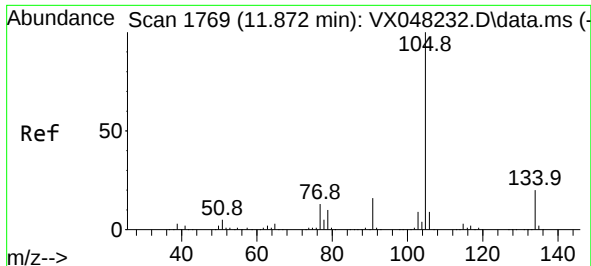


#84
1,2,4-Trimethylbenzene
Concen: 42.435 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



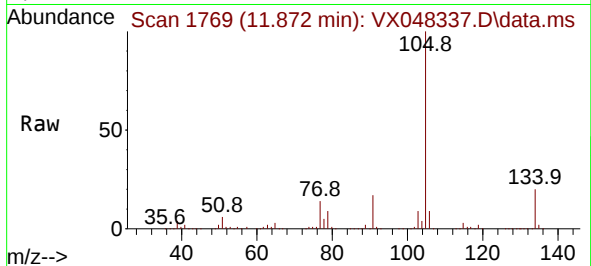
Tgt Ion:105 Resp: 308245
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 41.062 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048337.D
 Acq: 23 Oct 2025 19:13

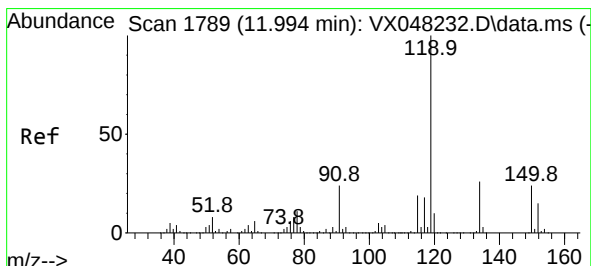
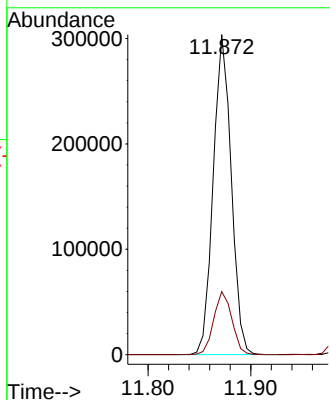
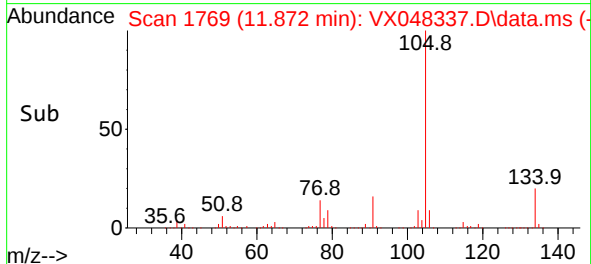
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



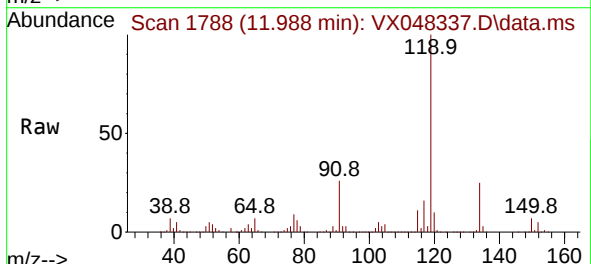
Tgt Ion:105 Resp: 36945
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

Manual Integrations
 APPROVED

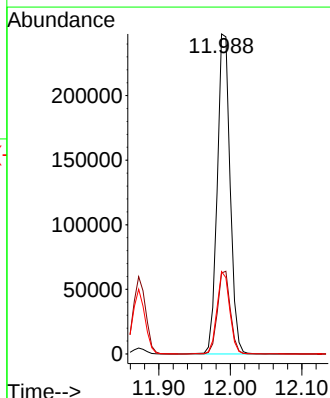
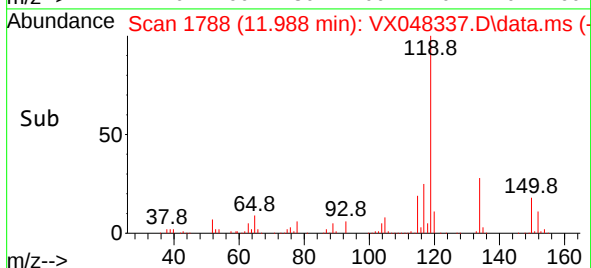
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

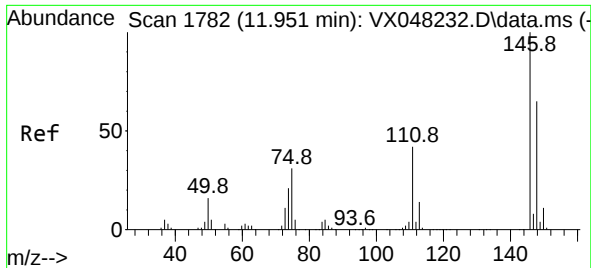


#86
 p-Isopropyltoluene
 Concen: 39.785 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048337.D
 Acq: 23 Oct 2025 19:13



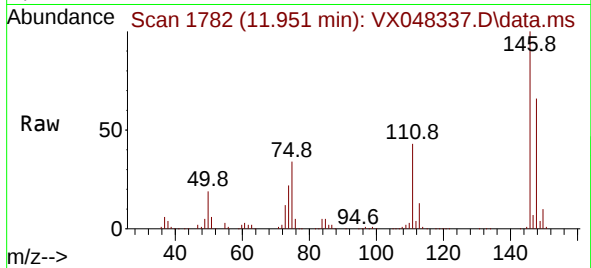
Tgt Ion:119 Resp: 309407
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.5 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 40.065 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

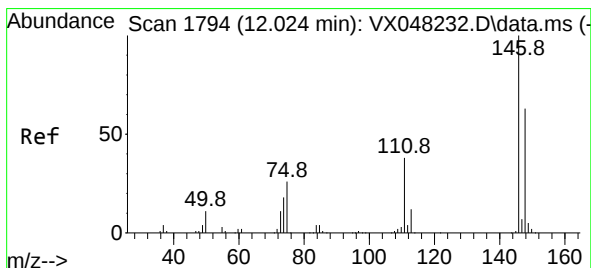
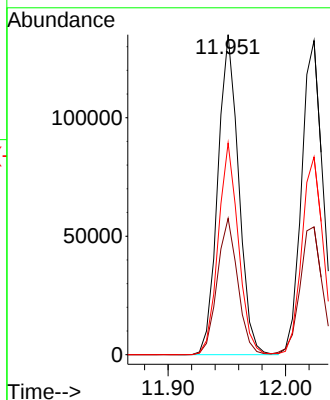
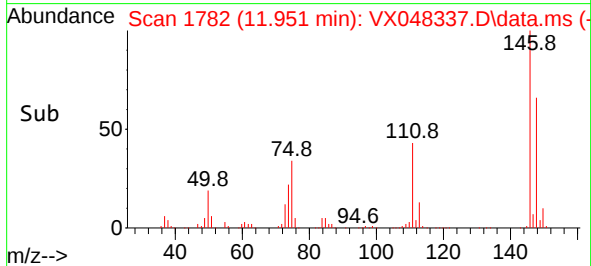
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



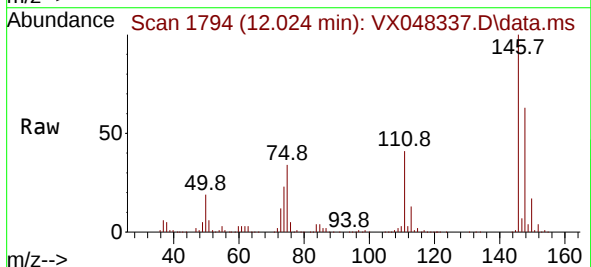
Tgt Ion:146 Resp: 16657
Ion Ratio Lower Upper
146 100
111 42.1 20.4 61.2
148 63.9 31.9 95.9

Manual Integrations
APPROVED

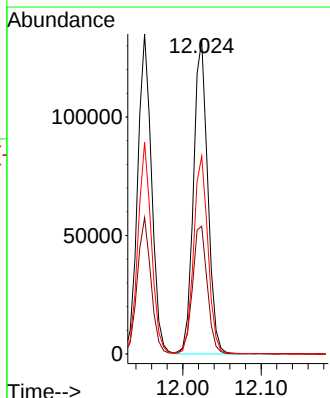
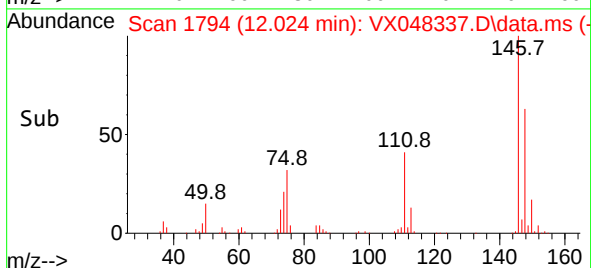
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

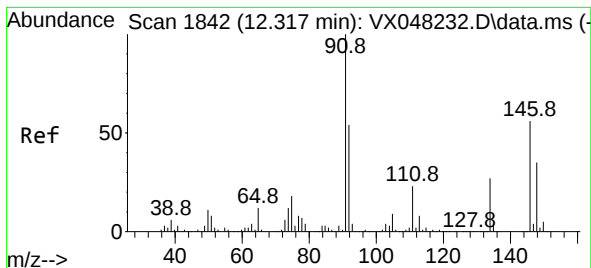


#88
1,4-Dichlorobenzene
Concen: 39.062 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



Tgt Ion:146 Resp: 168238
Ion Ratio Lower Upper
146 100
111 42.2 20.1 60.2
148 63.3 31.8 95.3





#89

n-Butylbenzene

Concen: 40.620 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048337.D

Acq: 23 Oct 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 287530

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.6

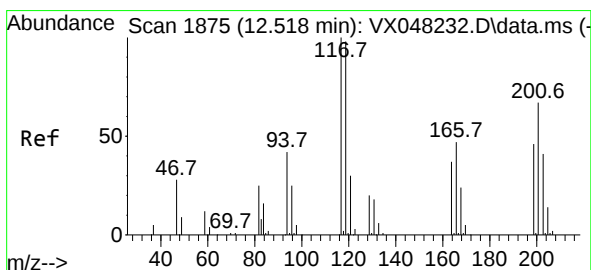
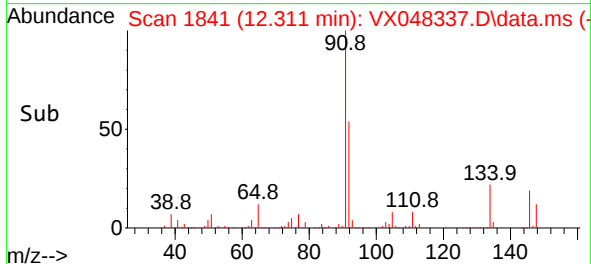
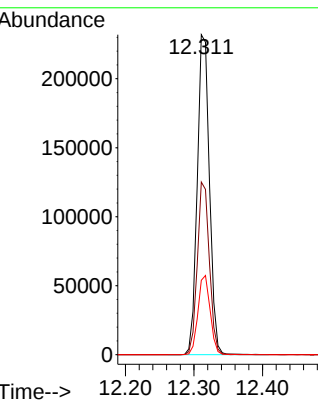
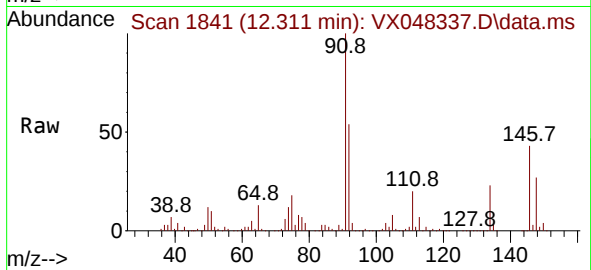
134 24.7 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#90

Hexachloroethane

Concen: 33.857 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048337.D

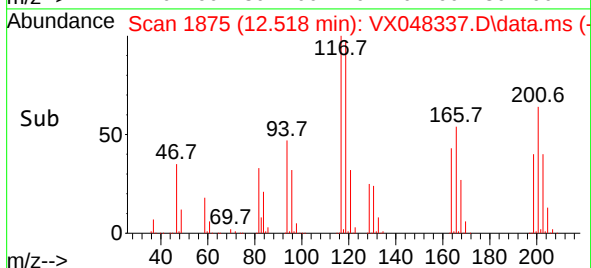
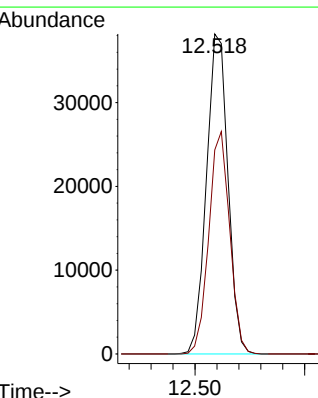
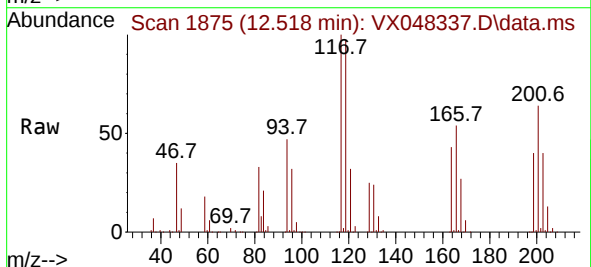
Acq: 23 Oct 2025 19:13

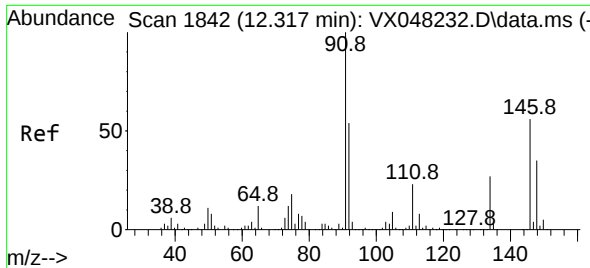
Tgt Ion:117 Resp: 51996

Ion Ratio Lower Upper

117 100

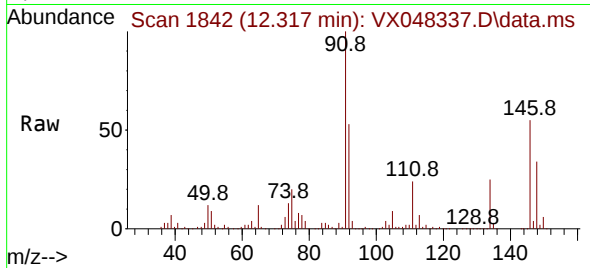
201 67.7 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 40.476 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

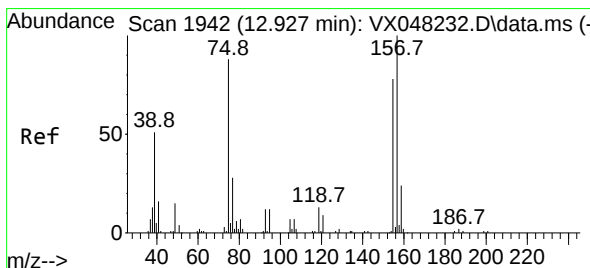
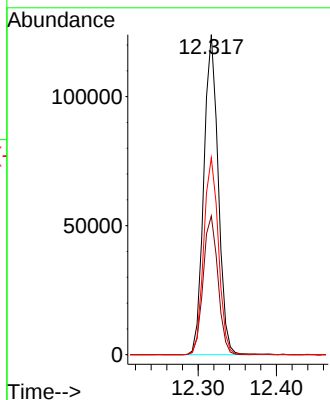
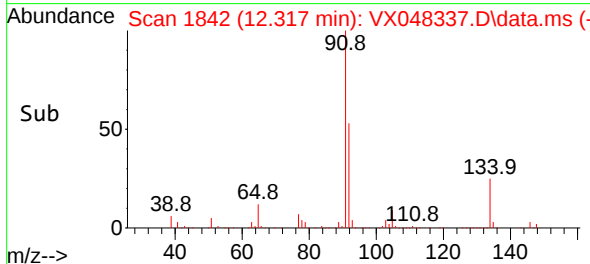
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 15799
Ion Ratio Lower Upper
146 100
111 44.3 21.9 65.5
148 62.9 31.9 95.5

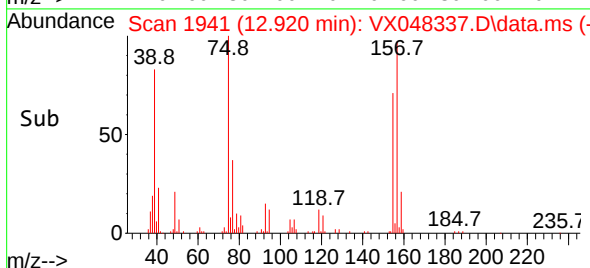
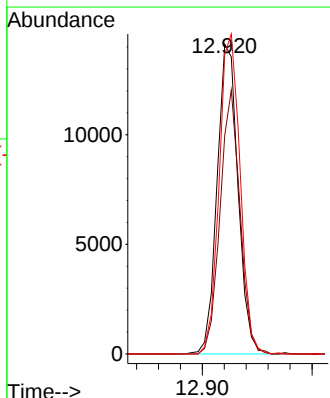
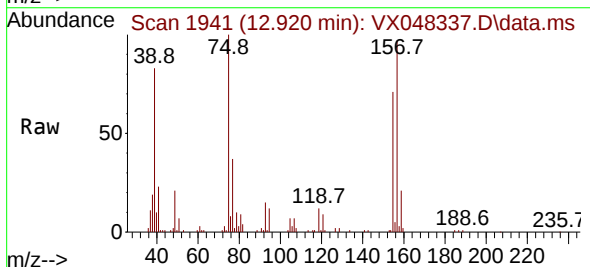
Manual Integrations
APPROVED

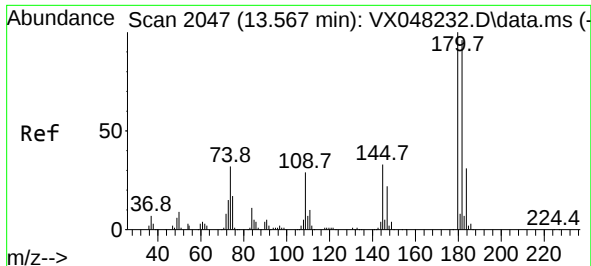
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.427 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

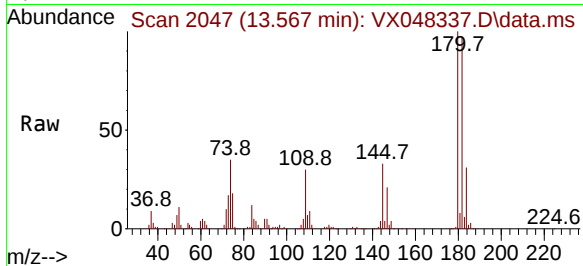
Tgt Ion: 75 Resp: 18735
Ion Ratio Lower Upper
75 100
155 80.8 42.8 128.4
157 103.1 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 37.950 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

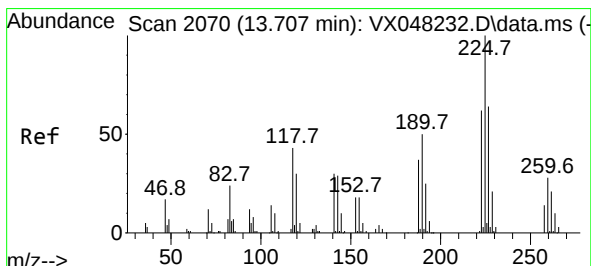
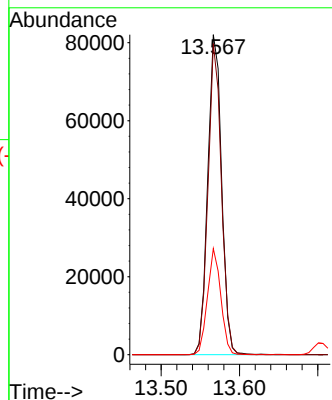
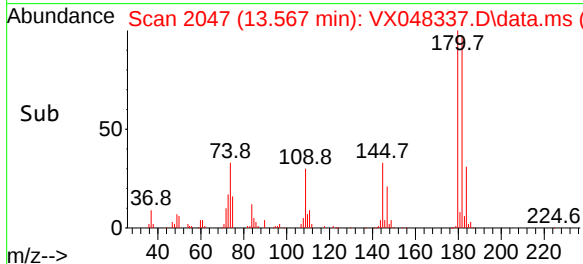
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



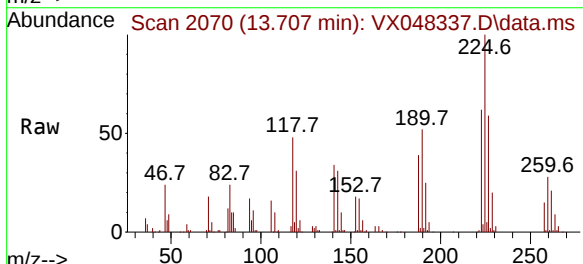
Tgt Ion:180 Resp: 100179
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 32.0 16.3 48.9

Manual Integrations
APPROVED

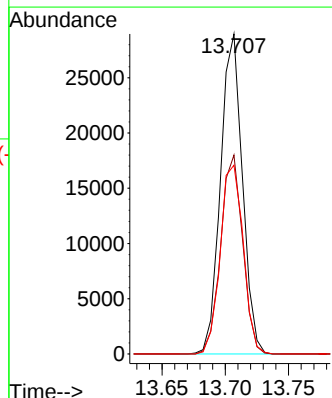
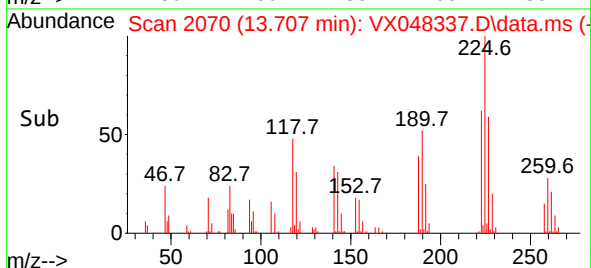
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

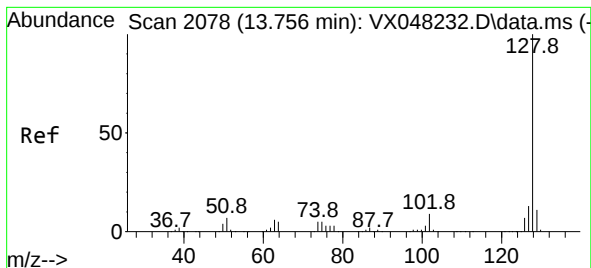


#94
Hexachlorobutadiene
Concen: 35.129 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



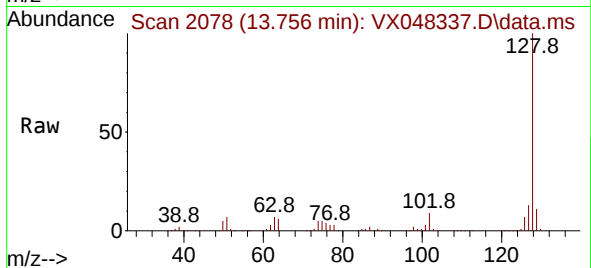
Tgt Ion:225 Resp: 34729
Ion Ratio Lower Upper
225 100
223 62.4 32.6 97.7
227 62.1 32.5 97.4





#95
Naphthalene
Concen: 38.522 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13

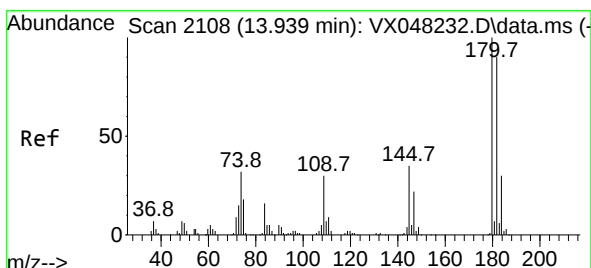
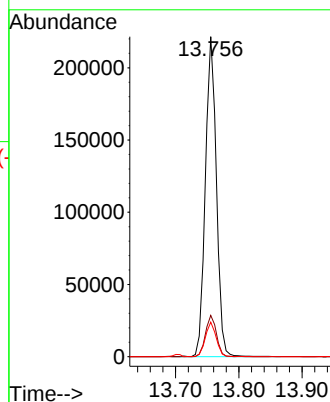
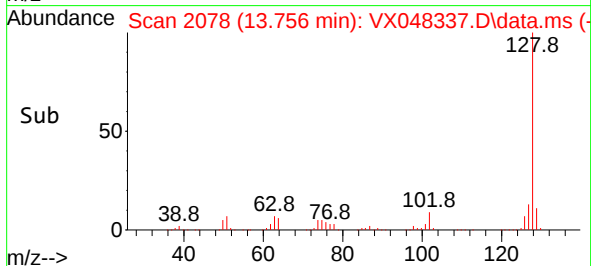
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



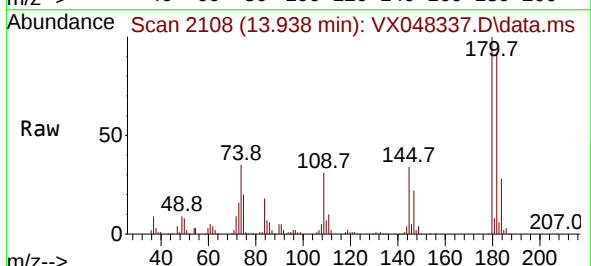
Tgt Ion:128 Resp: 26941
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 36.543 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048337.D
Acq: 23 Oct 2025 19:13



Tgt Ion:180 Resp: 88519
Ion Ratio Lower Upper
180 100
182 95.2 46.6 139.7
145 34.0 16.9 50.7

