

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048100.D
 Acq On : 10 Oct 2025 10:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 22:53:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/13/2025
 Supervised By : Mahesh Dadoda 10/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	124915	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.738	114	216127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	194988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	96783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	93456	47.002	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.000%			
35) Dibromofluoromethane	5.367	113	74051	51.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	8.628	98	251236	50.093	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.061	95	97098	51.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	81109	62.704	ug/l	98
3) Chloromethane	1.300	50	97878	57.574	ug/l	97
4) Vinyl Chloride	1.380	62	102862	61.811	ug/l	99
5) Bromomethane	1.617	94	68518	64.930	ug/l	97
6) Chloroethane	1.697	64	65044	58.479	ug/l	98
7) Trichlorofluoromethane	1.898	101	152384	61.671	ug/l	99
8) Diethyl Ether	2.130	74	54952	54.366	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	86905	60.150	ug/l	99
10) Methyl Iodide	2.453	142	116123	51.534	ug/l	98
11) Tert butyl alcohol	2.934	59	43381	195.898	ug/l	98
12) 1,1-Dichloroethene	2.325	96	87425	58.907	ug/l	96
13) Acrolein	2.233	56	47835	234.408	ug/l	99
14) Allyl chloride	2.666	41	161620	52.773	ug/l	98
15) Acrylonitrile	3.050	53	202214	246.526	ug/l	99
16) Acetone	2.367	43	205691	237.922	ug/l	99
17) Carbon Disulfide	2.514	76	262076	64.504	ug/l	98
18) Methyl Acetate	2.697	43	84895	44.124	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	280425	51.761	ug/l	100
20) Methylene Chloride	2.788	84	99593	54.423	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	93653	58.612	ug/l	97
22) Diisopropyl ether	3.745	45	326089	54.941	ug/l	90
23) Vinyl Acetate	3.709	43	1287419	271.021	ug/l	100
24) 1,1-Dichloroethane	3.599	63	177097	56.138	ug/l	100
25) 2-Butanone	4.532	43	246324	228.417	ug/l	99
26) 2,2-Dichloropropane	4.458	77	148425	56.601	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	107914	55.148	ug/l	99
28) Bromochloromethane	4.879	49	68086	49.437	ug/l	100
29) Tetrahydrofuran	4.983	42	146178	225.327	ug/l	99
30) Chloroform	5.074	83	180351	56.575	ug/l	100
31) Cyclohexane	5.452	56	150992	57.468	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	156023	57.701	ug/l	99
36) 1,1-Dichloropropene	5.672	75	123591	58.352	ug/l	99
37) Ethyl Acetate	4.690	43	106007	46.745	ug/l	100
38) Carbon Tetrachloride	5.659	117	133595	58.053	ug/l	96
39) Methylcyclohexane	7.360	83	147663	61.418	ug/l	99
40) Benzene	6.019	78	375362	58.350	ug/l	100

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Manual Integrations
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 Supervised By : Mahesh Dadoda 10/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	60306	51.510	ug/l	98
42) 1,2-Dichloroethane	6.068	62	136805	55.892	ug/l	99
43) Isopropyl Acetate	6.318	43	178436	47.975	ug/l	99
44) Trichloroethene	7.104	130	92498	59.475	ug/l	95
45) 1,2-Dichloropropane	7.409	63	94355	57.281	ug/l	99
46) Dibromomethane	7.561	93	67175	56.040	ug/l	98
47) Bromodichloromethane	7.805	83	141066	57.029	ug/l	97
48) Methyl methacrylate	7.671	41	90685	48.949	ug/l	97
49) 1,4-Dioxane	7.641	88	20838	1112.974	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	497592	241.298	ug/l	99
52) Toluene	8.702	92	230924	58.265	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	142267	56.386	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	157025	58.227	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	84224	55.112	ug/l	98
56) Ethyl methacrylate	9.098	69	125680	52.366	ug/l	99
57) 1,3-Dichloropropane	9.287	76	148399	56.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	312902	271.315	ug/l	100
59) 2-Hexanone	9.409	43	352211	237.813	ug/l	100
60) Dibromochloromethane	9.500	129	103266	58.645	ug/l	99
61) 1,2-Dibromoethane	9.592	107	89251	57.338	ug/l	99
64) Tetrachloroethene	9.256	164	74999	59.002	ug/l	98
65) Chlorobenzene	10.061	112	253389	57.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	86143	56.355	ug/l	96
67) Ethyl Benzene	10.177	91	443706	58.052	ug/l	99
68) m/p-Xylenes	10.281	106	333897	117.368	ug/l	99
69) o-Xylene	10.622	106	159091	57.817	ug/l	99
70) Styrene	10.634	104	276000	57.245	ug/l	99
71) Bromoform	10.780	173	62086	54.395	ug/l	99
73) Isopropylbenzene	10.945	105	411969	55.989	ug/l	100
74) N-amyl acetate	10.823	43	155119	46.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	111713	50.181	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	89204m	45.523	ug/l	
77) Bromobenzene	11.177	156	99309	54.799	ug/l	97
78) n-propylbenzene	11.286	91	496845	57.121	ug/l	100
79) 2-Chlorotoluene	11.347	91	297049	55.758	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	338016	55.914	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	36316	47.261	ug/l	99
82) 4-Chlorotoluene	11.433	91	347825	55.281	ug/l	100
83) tert-Butylbenzene	11.695	119	336170	54.322	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	345195	56.322	ug/l	100
85) sec-Butylbenzene	11.872	105	420318	57.181	ug/l	100
86) p-Isopropyltoluene	11.988	119	352041	56.570	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	184986	54.956	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	186831	54.079	ug/l	99
89) n-Butylbenzene	12.311	91	333120	57.851	ug/l	98
90) Hexachloroethane	12.518	117	64375	58.920	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	173500	54.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	20373	45.201	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	108755	52.181	ug/l	99
94) Hexachlorobutadiene	13.707	225	40846	57.698	ug/l	100
95) Naphthalene	13.756	128	301510	47.508	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	103180	53.220	ug/l	99

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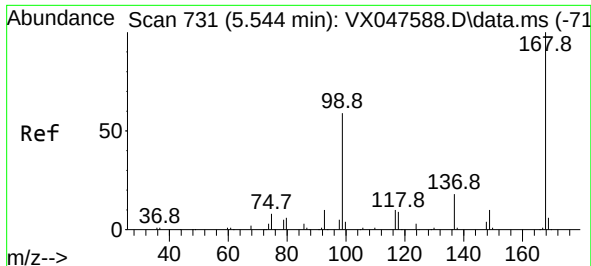
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/13/2025

Quant Time: Oct 10 22:53:29 2025
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

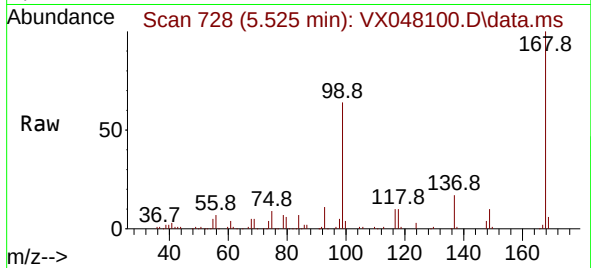
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.019 min
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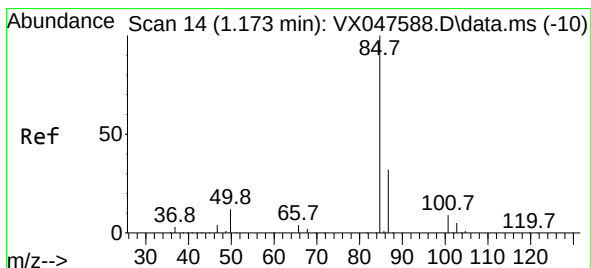
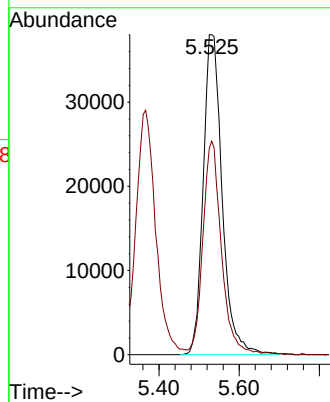
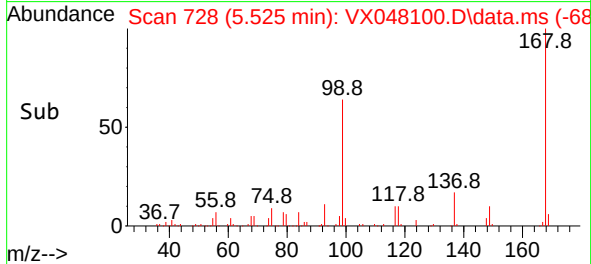
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 124915
Ion Ratio Lower Upper
168 100
99 64.1 48.8 73.2

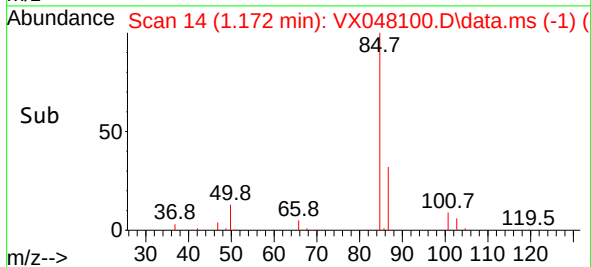
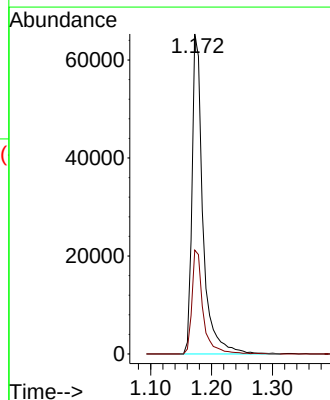
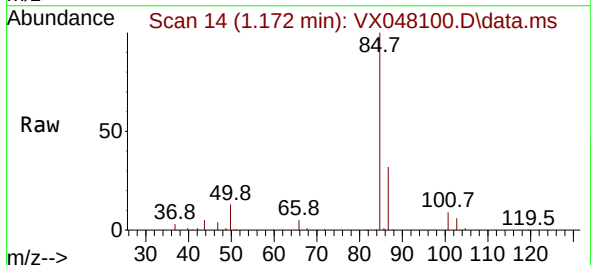
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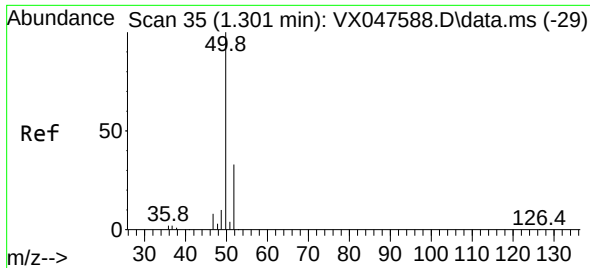
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#2
Dichlorodifluoromethane
Concen: 62.704 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

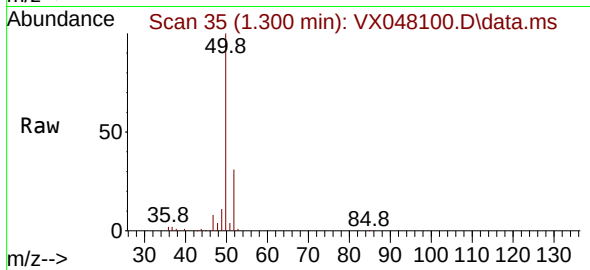
Tgt Ion: 85 Resp: 81109
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.3





#3
Chloromethane
Concen: 57.574 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

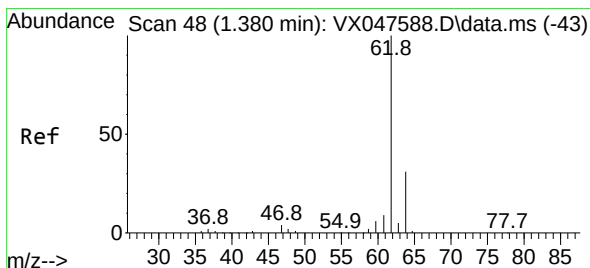
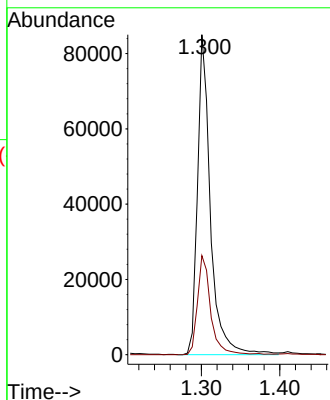
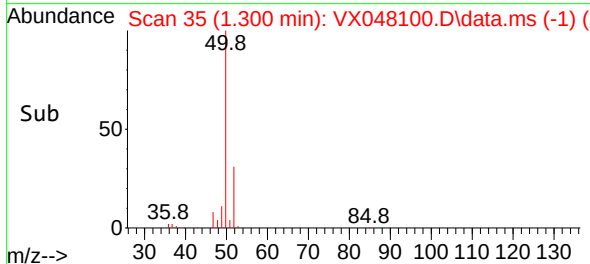
Instrument :
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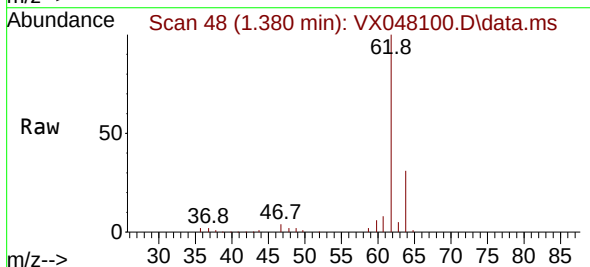
Tgt Ion: 50 Resp: 97878
Ion Ratio Lower Upper
50 100
52 31.0 26.1 39.1

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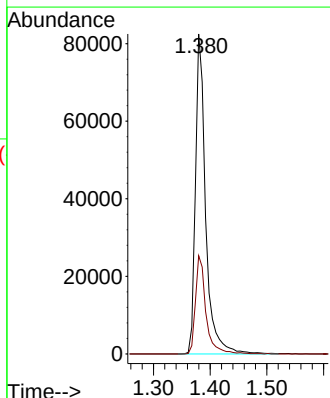
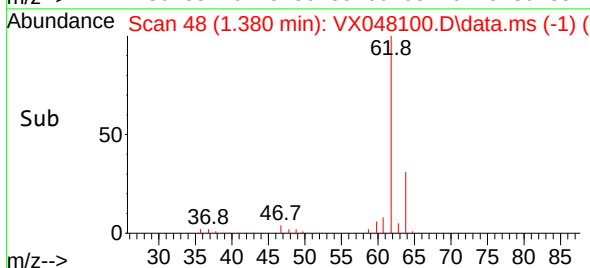
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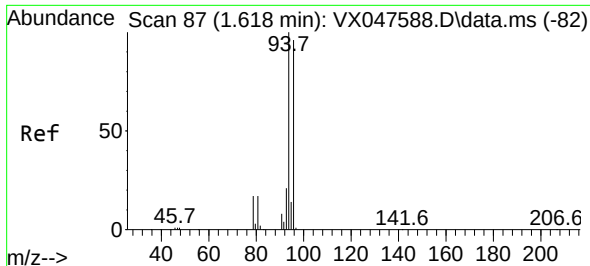


#4
Vinyl Chloride
Concen: 61.811 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



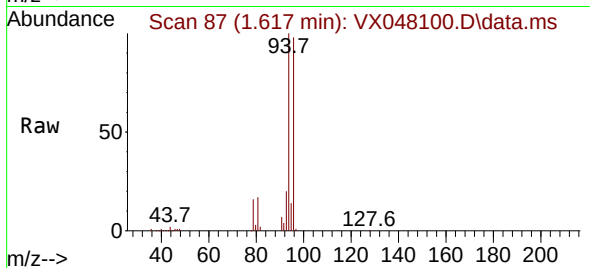
Tgt Ion: 62 Resp: 102862
Ion Ratio Lower Upper
62 100
64 30.7 24.9 37.3





#5
Bromomethane
Concen: 64.930 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

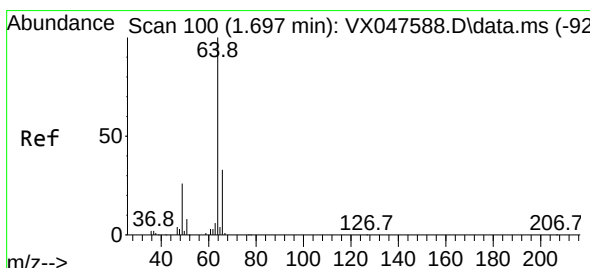
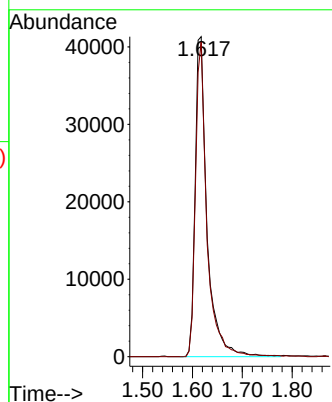
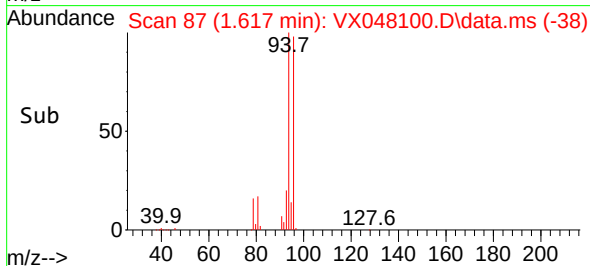
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 68518
Ion Ratio Lower Upper
94 100
96 98.4 76.6 115.0

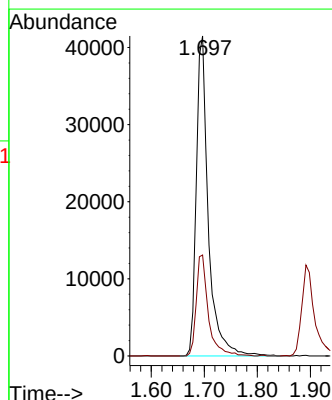
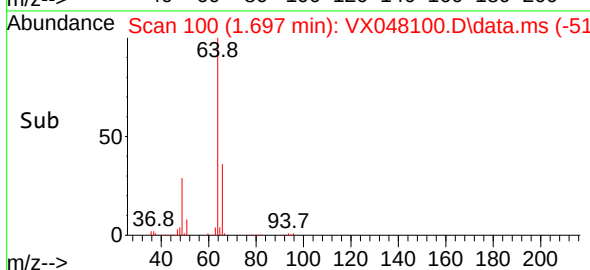
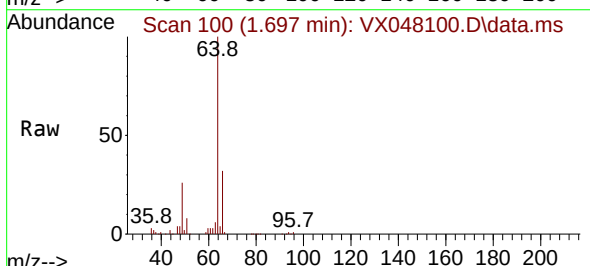
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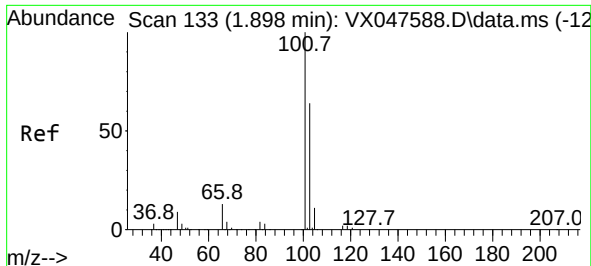
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#6
Chloroethane
Concen: 58.479 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

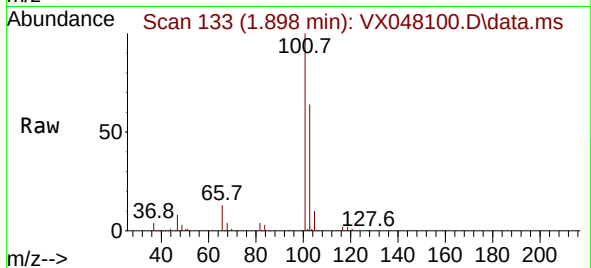
Tgt Ion: 64 Resp: 65044
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1





#7
Trichlorofluoromethane
Concen: 61.671 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

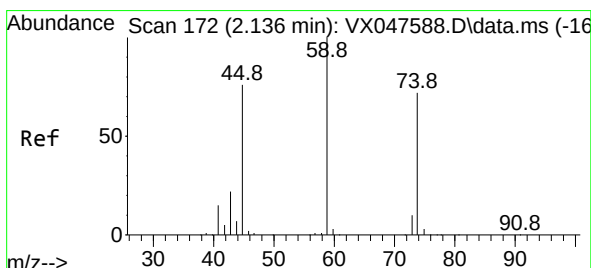
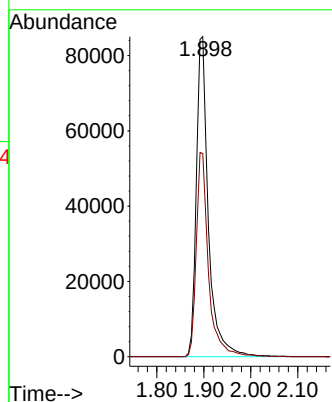
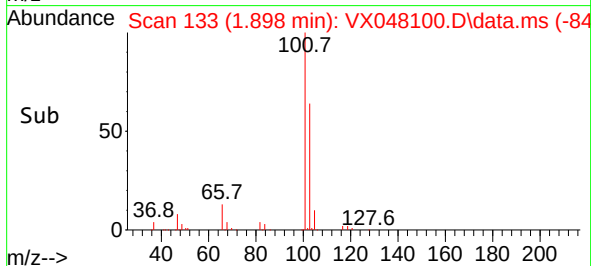
Instrument :
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Tgt Ion:101 Resp: 152384
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

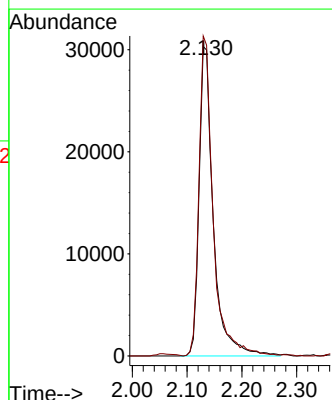
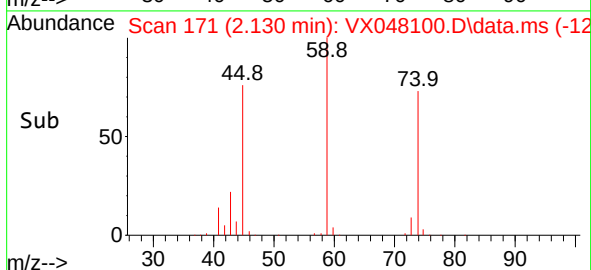
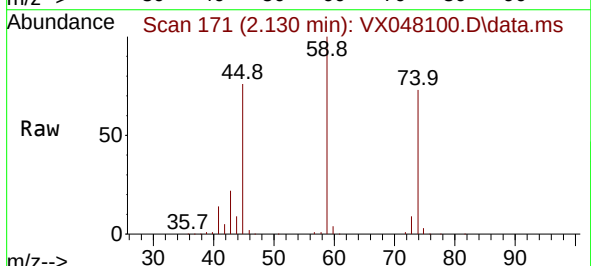
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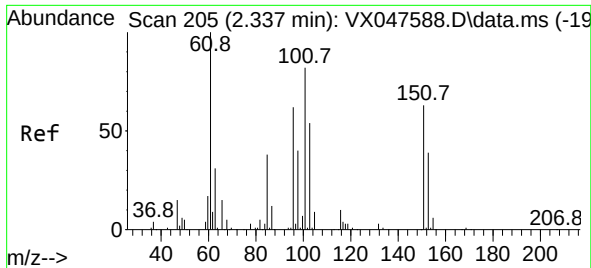
Reviewed By :John Carlone 10/13/2025
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#8
Diethyl Ether
Concen: 54.366 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 74 Resp: 54952
Ion Ratio Lower Upper
74 100
45 103.0 52.3 156.8





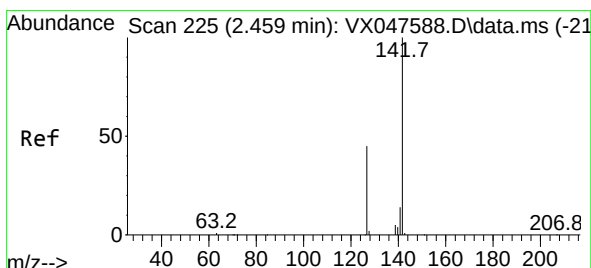
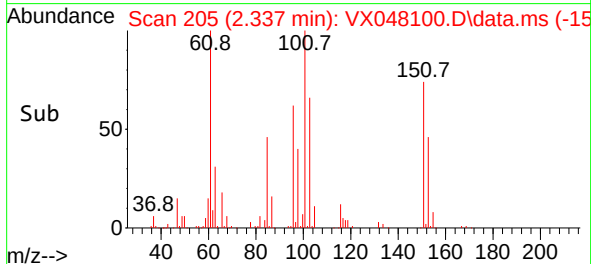
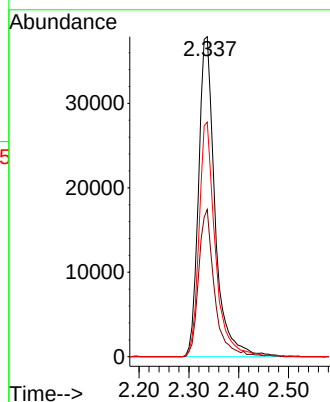
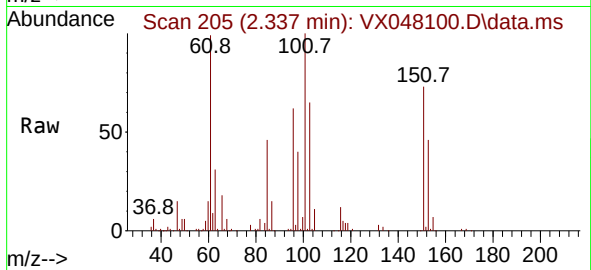
#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.150 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048100.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8690
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 72.6 59.4 89.0

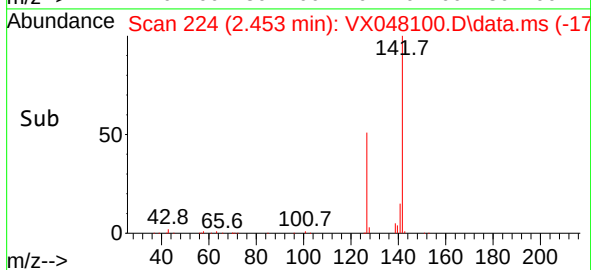
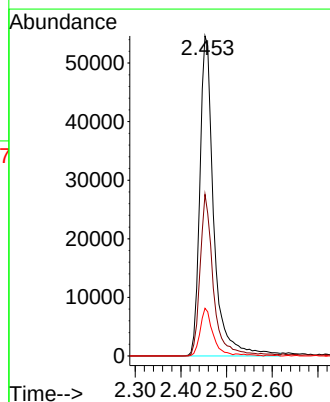
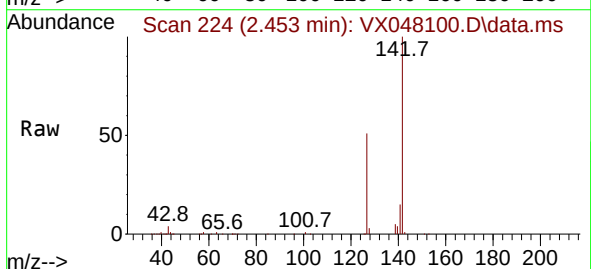
Manual Integrations
APPROVED

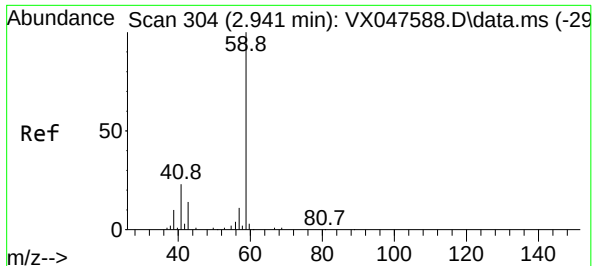
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#10
Methyl Iodide
Concen: 51.534 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:142 Resp: 116123
Ion Ratio Lower Upper
142 100
127 47.7 37.2 55.8
141 13.6 11.4 17.0





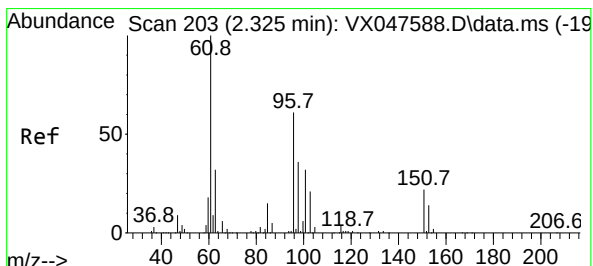
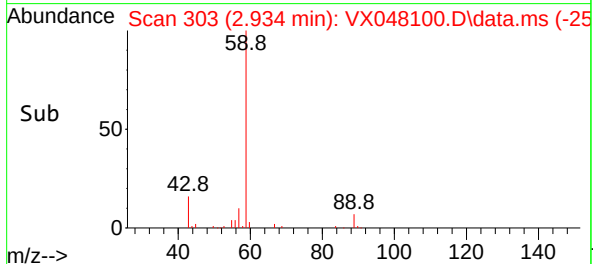
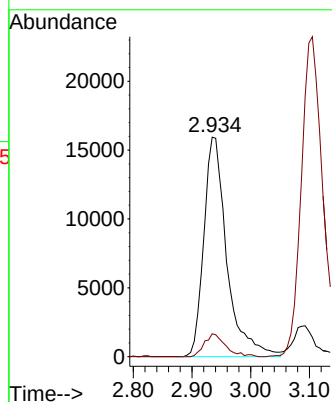
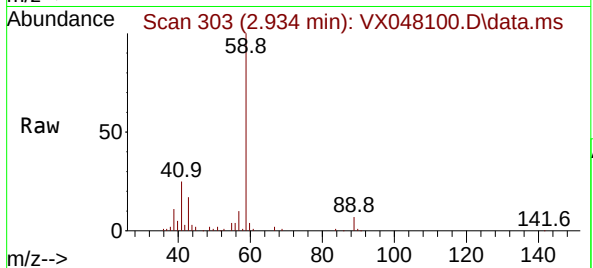
#11
Tert butyl alcohol
Concen: 195.898 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 4338
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

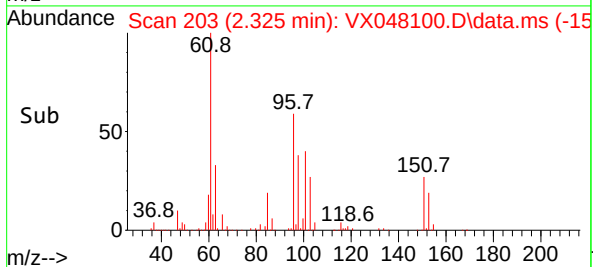
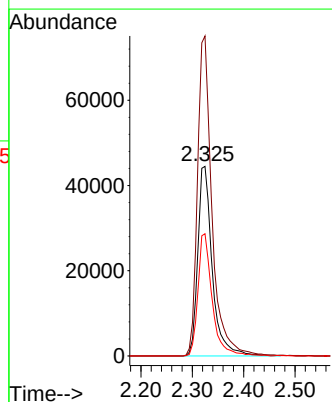
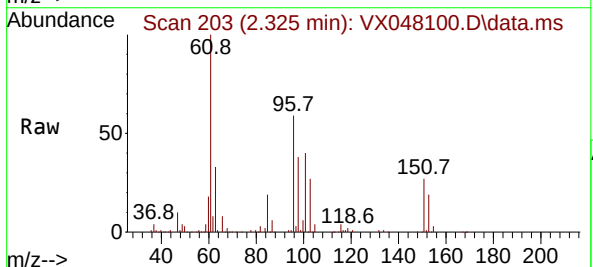
Manual Integrations
APPROVED

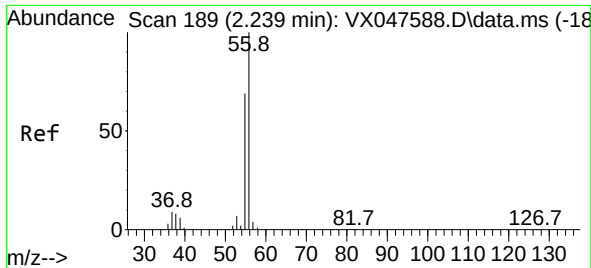
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#12
1,1-Dichloroethene
Concen: 58.907 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

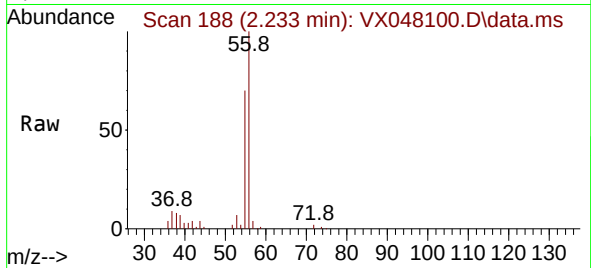
Tgt Ion: 96 Resp: 87425
Ion Ratio Lower Upper
96 100
61 168.7 131.0 196.6
98 64.5 47.7 71.5





#13
Acrolein
Concen: 234.408 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

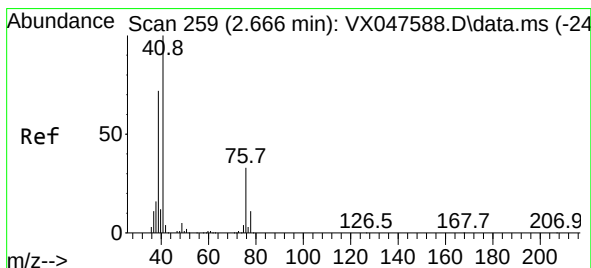
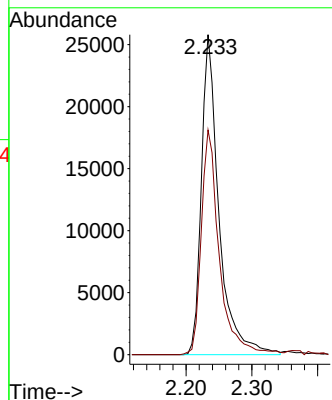
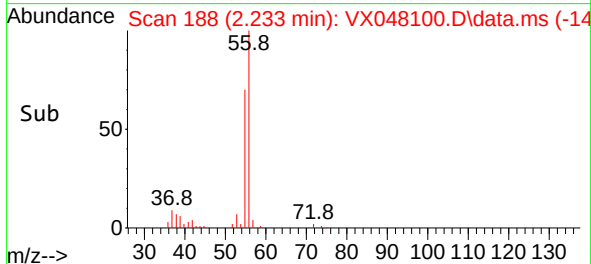
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 56 Resp: 47835
Ion Ratio Lower Upper
56 100
55 72.2 57.2 85.8

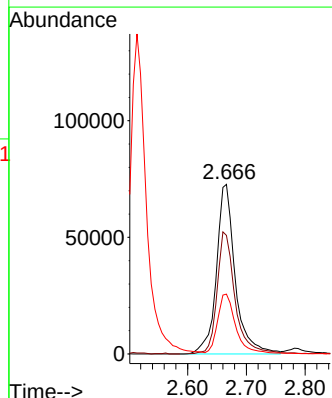
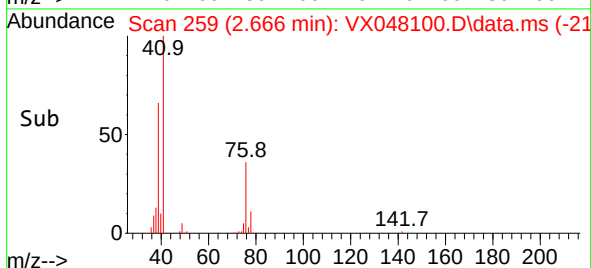
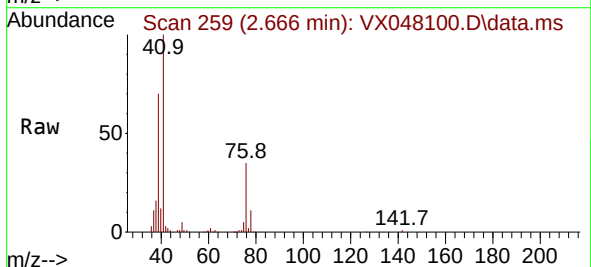
Manual Integrations
APPROVED

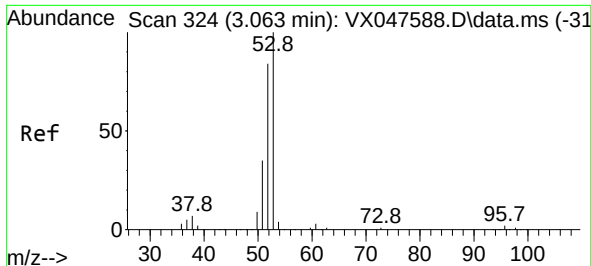
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#14
Allyl chloride
Concen: 52.773 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

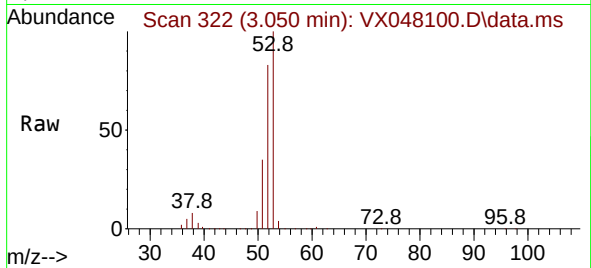
Tgt Ion: 41 Resp: 161620
Ion Ratio Lower Upper
41 100
39 69.3 54.7 82.1
76 34.3 25.7 38.5





#15
Acrylonitrile
Concen: 246.526 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

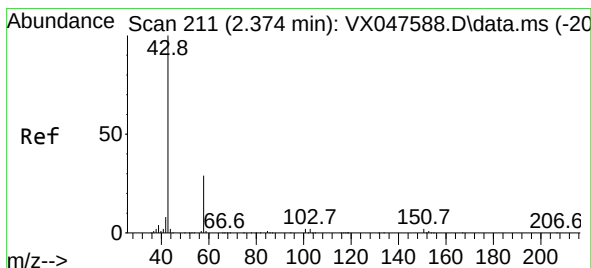
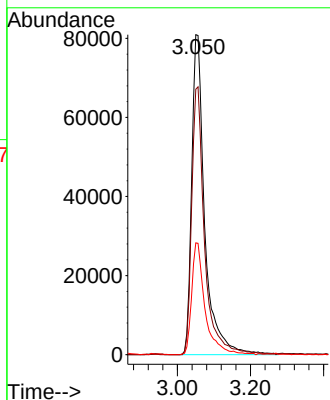
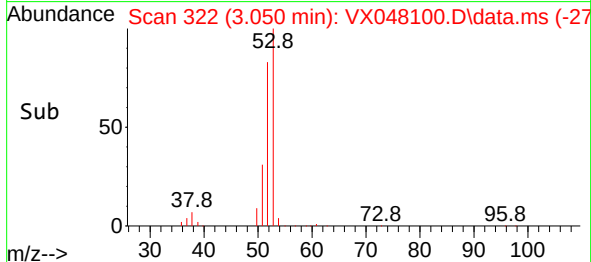
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 202214
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 35.9 29.5 44.3

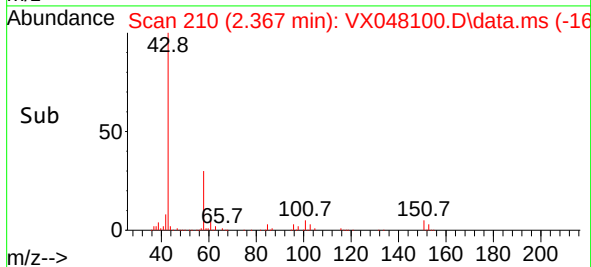
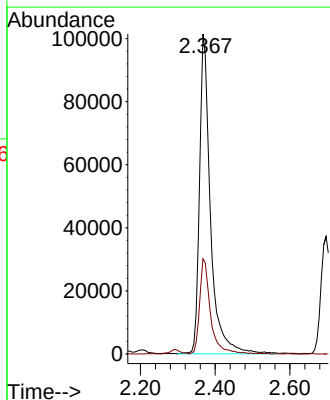
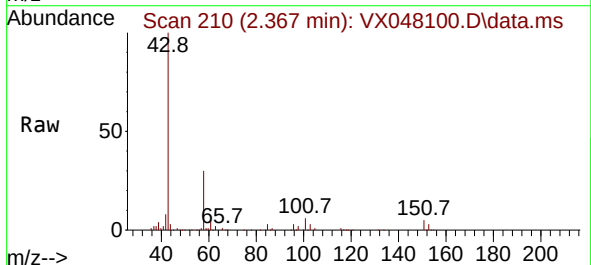
Manual Integrations
APPROVED

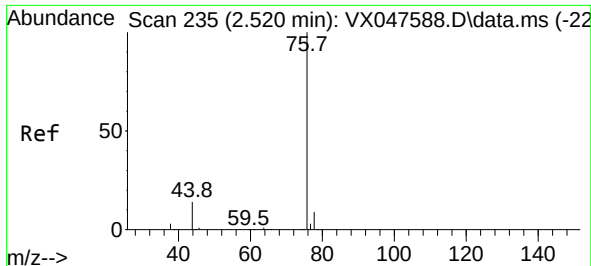
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#16
Acetone
Concen: 237.922 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 205691
Ion Ratio Lower Upper
43 100
58 29.7 23.4 35.0





#17

Carbon Disulfide

Concen: 64.504 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX048100.D

Acq: 10 Oct 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 262070

Ion Ratio Lower Upper

76 100

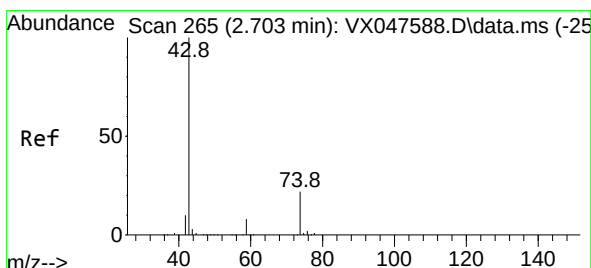
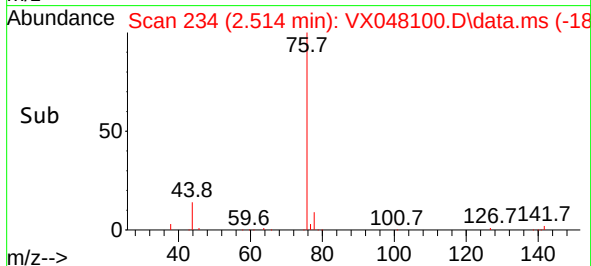
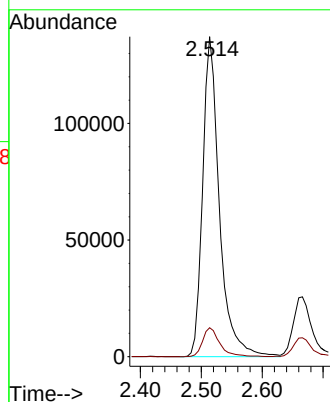
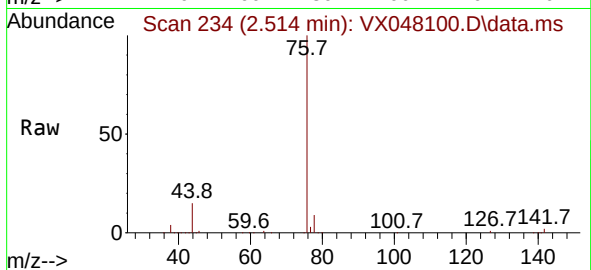
78 9.0 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2025

Supervised By :Mahesh Dadoda 10/13/2025



#18

Methyl Acetate

Concen: 44.124 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX048100.D

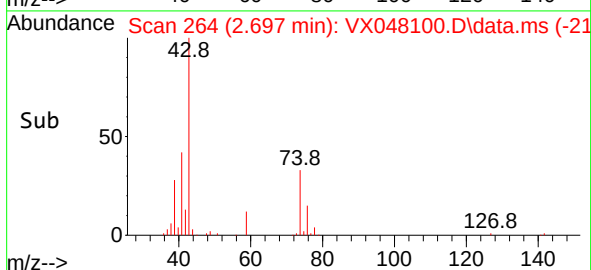
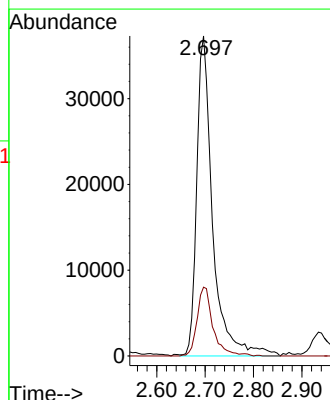
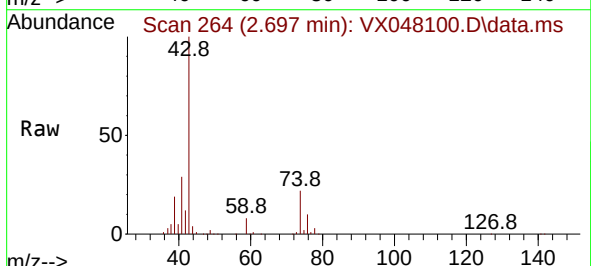
Acq: 10 Oct 2025 10:45

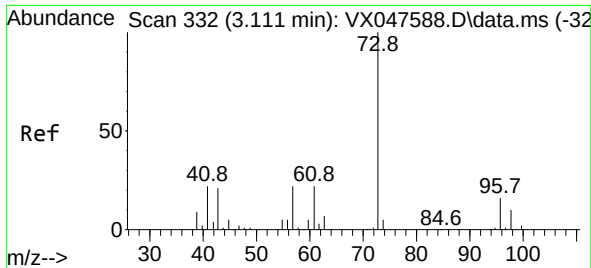
Tgt Ion: 43 Resp: 84895

Ion Ratio Lower Upper

43 100

74 21.5 17.4 26.2





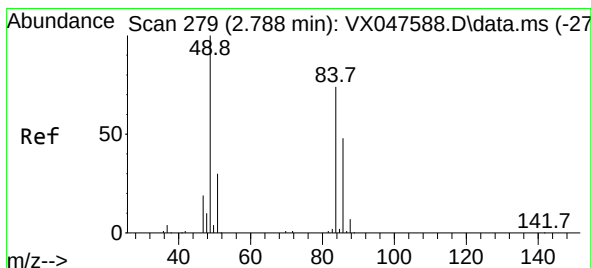
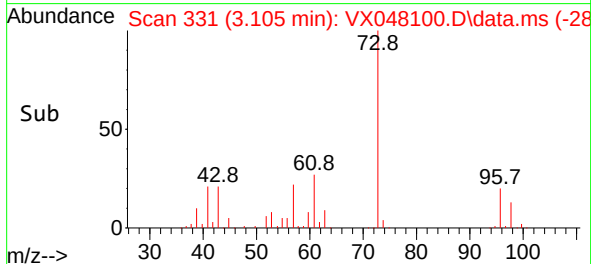
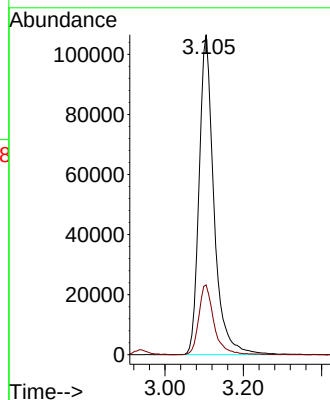
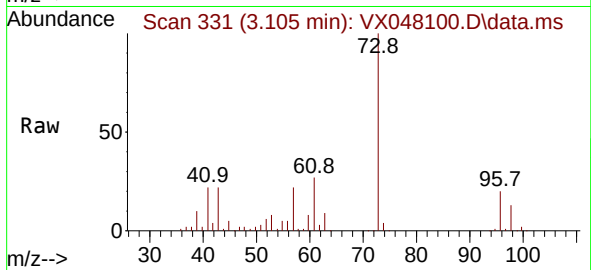
#19
Methyl tert-butyl Ether
Concen: 51.761 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 280425
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

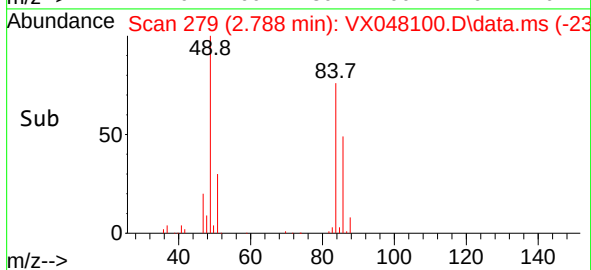
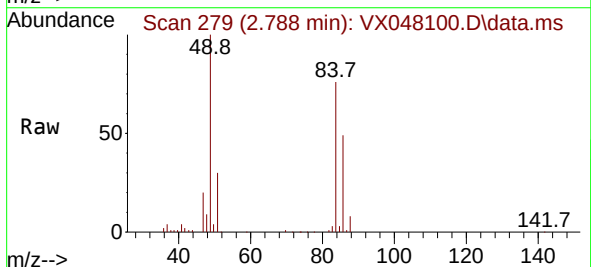
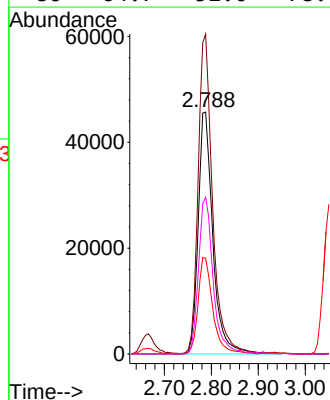
Manual Integrations
APPROVED

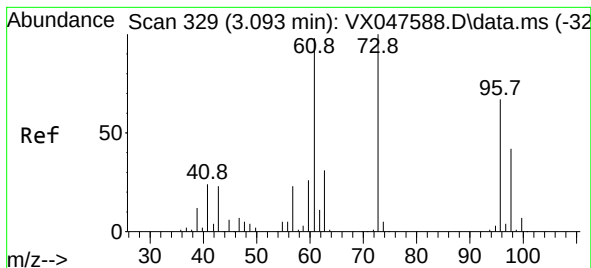
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#20
Methylene Chloride
Concen: 54.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 84 Resp: 99593
Ion Ratio Lower Upper
84 100
49 132.1 108.6 162.8
51 39.6 32.6 48.8
86 64.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 58.612 ug/l

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048100.D

Acq: 10 Oct 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9365

Ion Ratio Lower Upper

96 100

61 140.7 116.2 174.2

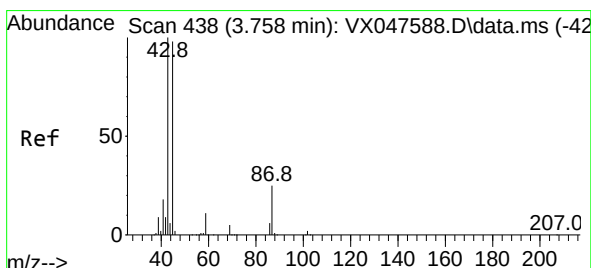
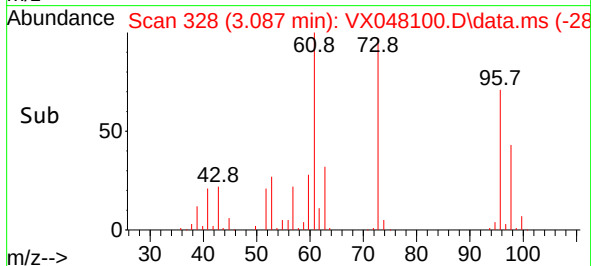
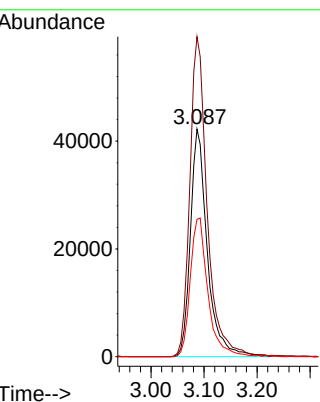
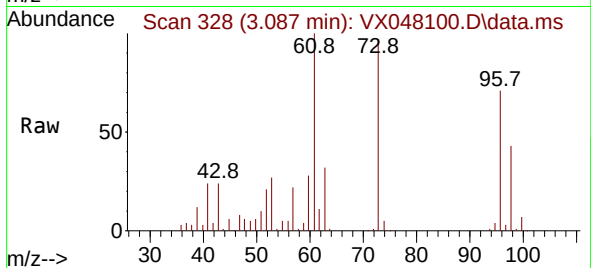
98 60.3 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2025

Supervised By :Mahesh Dadoda 10/13/2025



#22

Diisopropyl ether

Concen: 54.941 ug/l

RT: 3.745 min Scan# 436

Delta R.T. -0.012 min

Lab File: VX048100.D

Acq: 10 Oct 2025 10:45

Tgt Ion: 45 Resp: 326089

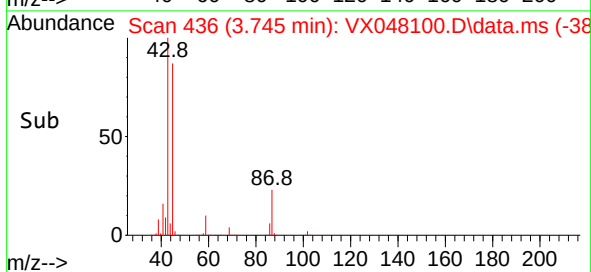
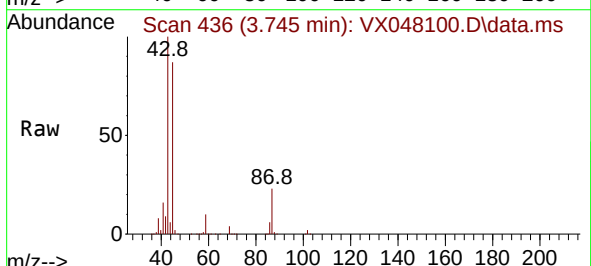
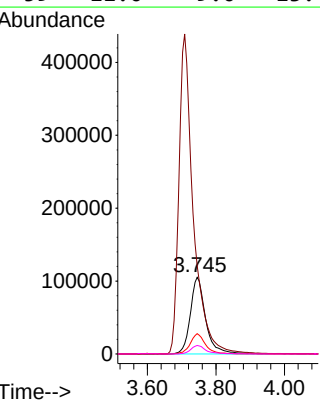
Ion Ratio Lower Upper

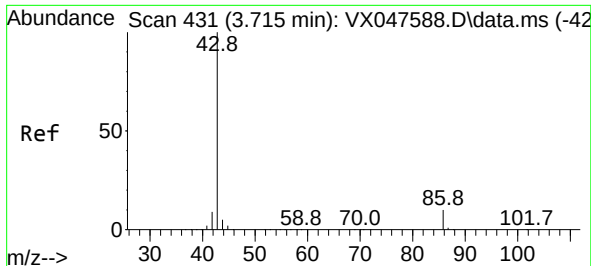
45 100

43 114.6 81.0 121.4

87 26.4 20.3 30.5

59 11.0 9.0 13.4





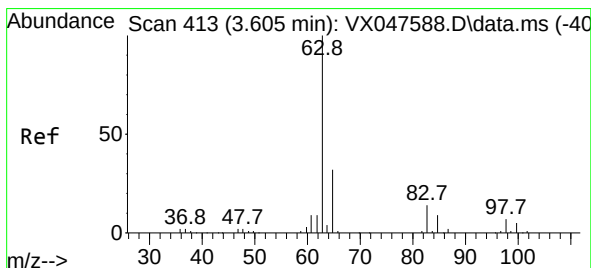
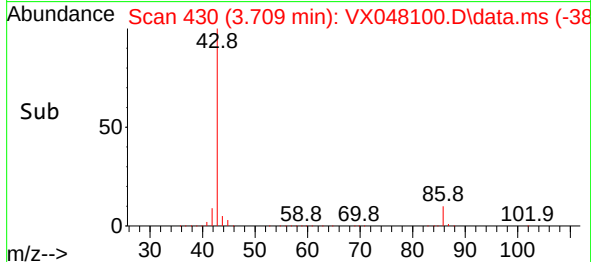
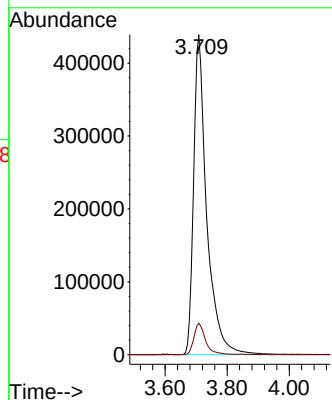
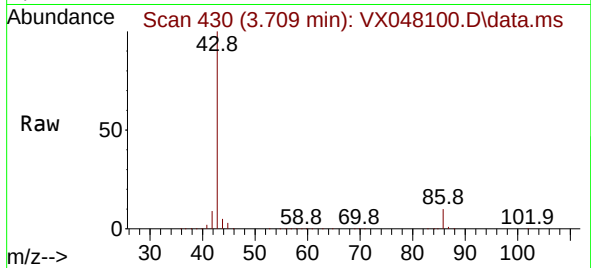
#23
 Vinyl Acetate
 Concen: 271.021 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048100.D
 Acq: 10 Oct 2025 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1287419
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

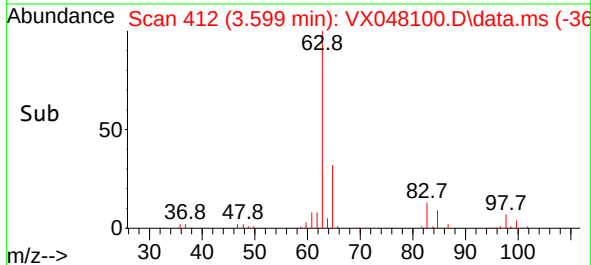
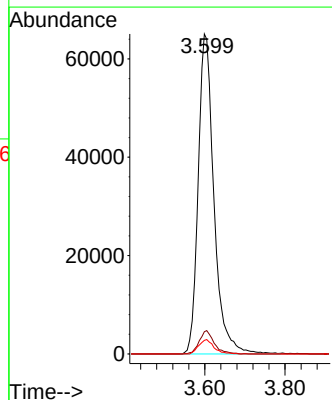
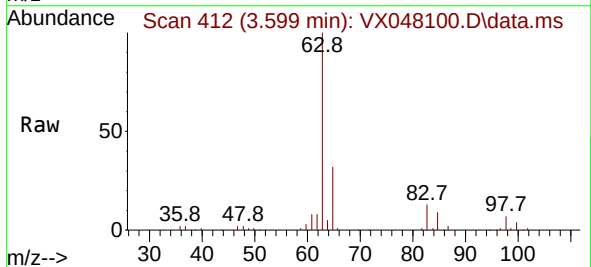
Manual Integrations
 APPROVED

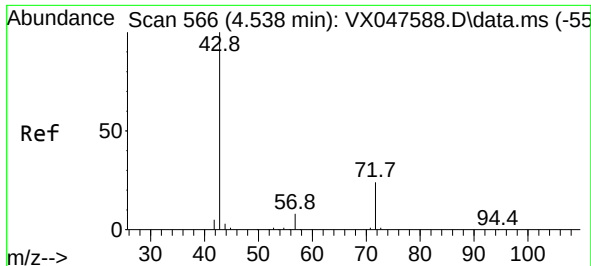
Reviewed By :John Carlone 10/13/2025
 Supervised By :Mahesh Dadoda 10/13/2025



#24
 1,1-Dichloroethane
 Concen: 56.138 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048100.D
 Acq: 10 Oct 2025 10:45

Tgt Ion: 63 Resp: 177097
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.3 2.3 6.9





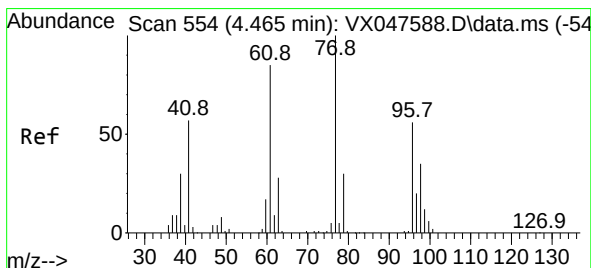
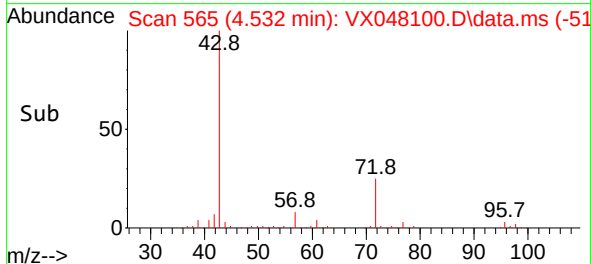
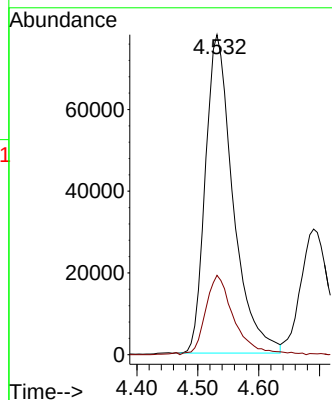
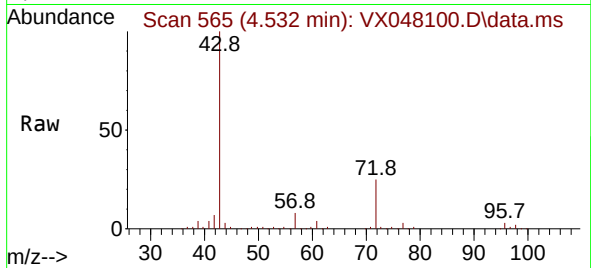
#25
2-Butanone
Concen: 228.417 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 246324
Ion Ratio Lower Upper
43 100
72 25.7 20.1 30.1

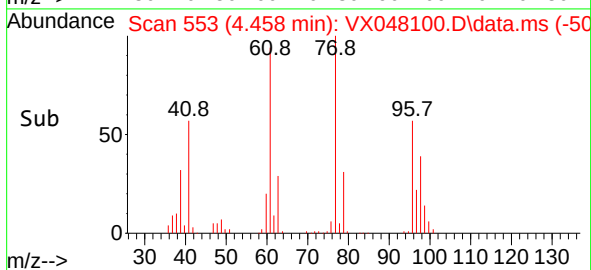
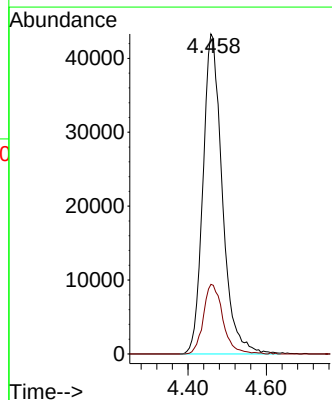
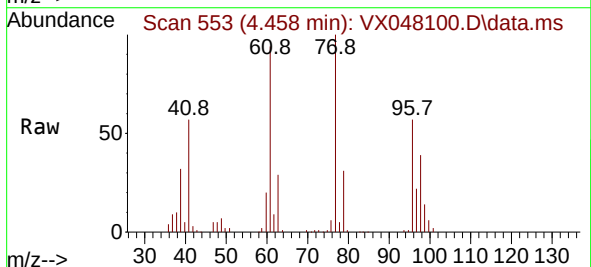
Manual Integrations
APPROVED

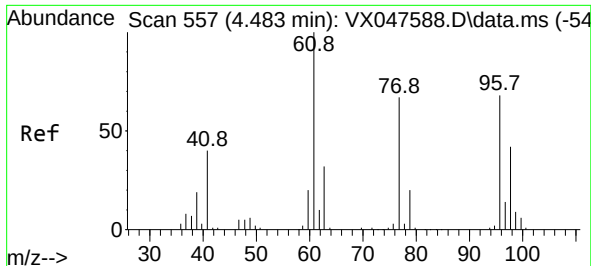
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#26
2,2-Dichloropropane
Concen: 56.601 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 77 Resp: 148425
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 55.148 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048100.D

Acq: 10 Oct 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 107914

Ion Ratio Lower Upper

96 100

61 153.0 0.0 303.2

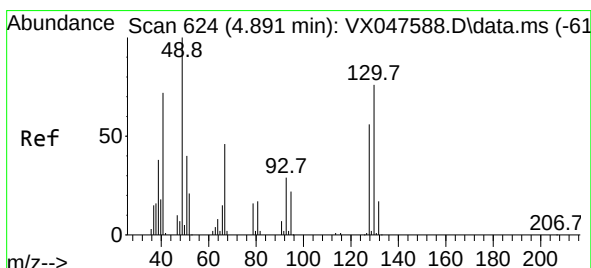
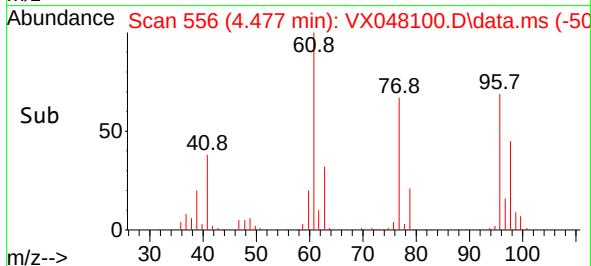
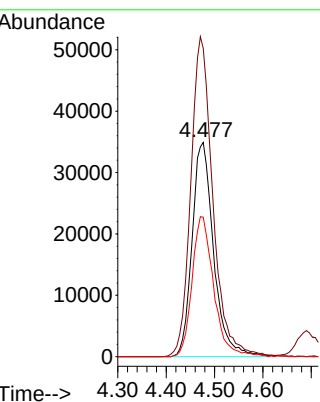
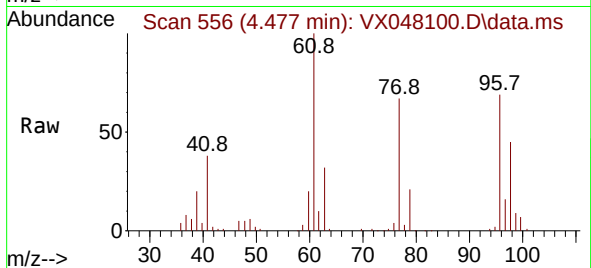
98 65.6 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2025

Supervised By :Mahesh Dadoda 10/13/2025



#28

Bromochloromethane

Concen: 49.437 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX048100.D

Acq: 10 Oct 2025 10:45

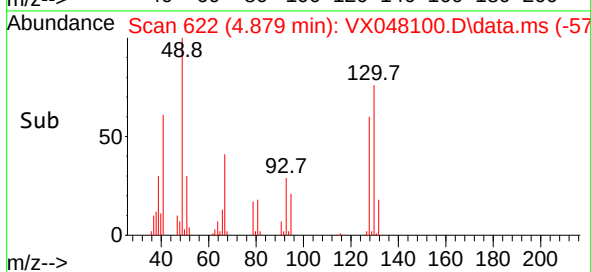
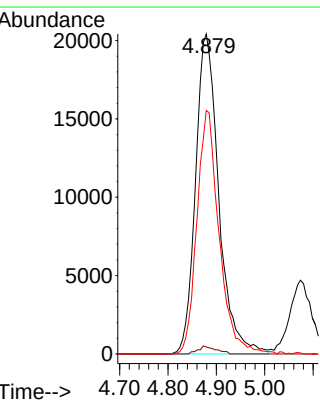
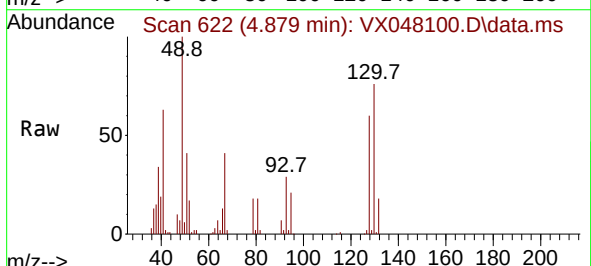
Tgt Ion: 49 Resp: 68086

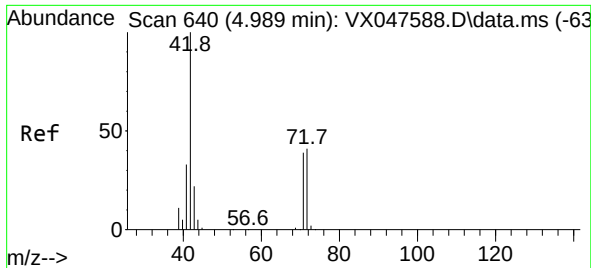
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

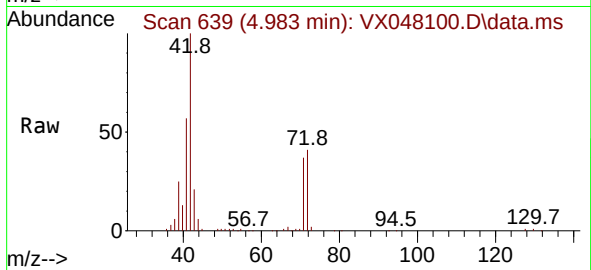
130 72.7 57.8 86.8





#29
Tetrahydrofuran
Concen: 225.327 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

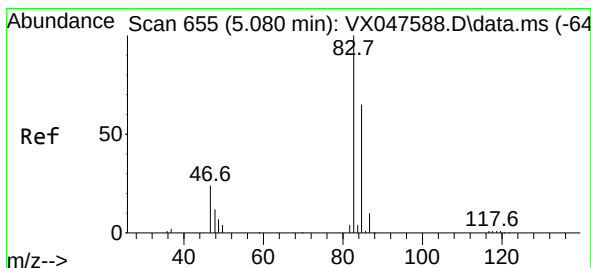
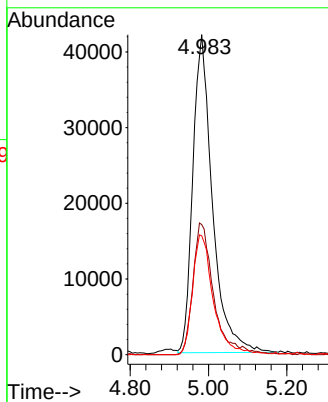
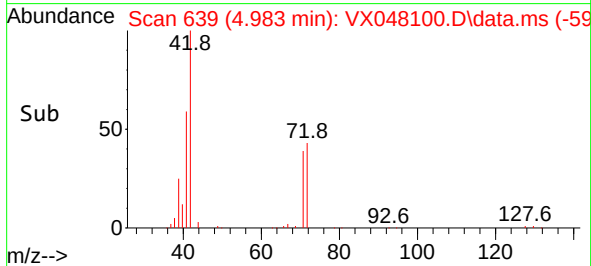
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 146178
Ion Ratio Lower Upper
42 100
72 43.9 34.2 51.2
71 40.0 31.9 47.9

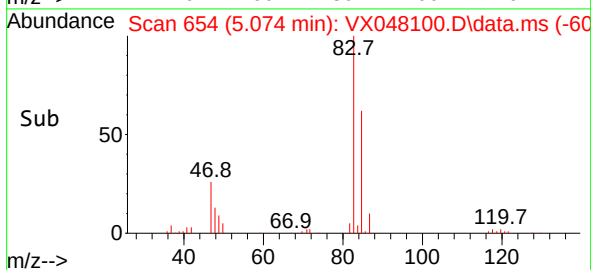
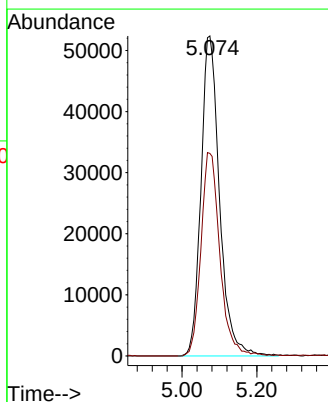
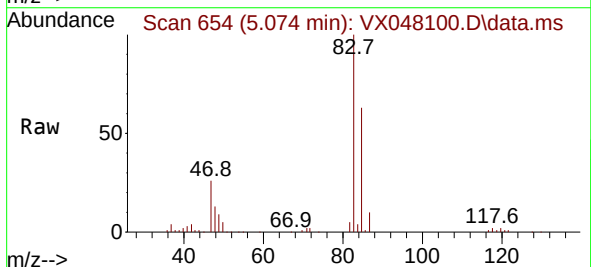
Manual Integrations
APPROVED

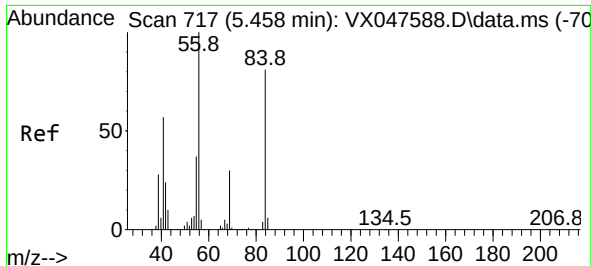
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#30
Chloroform
Concen: 56.575 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

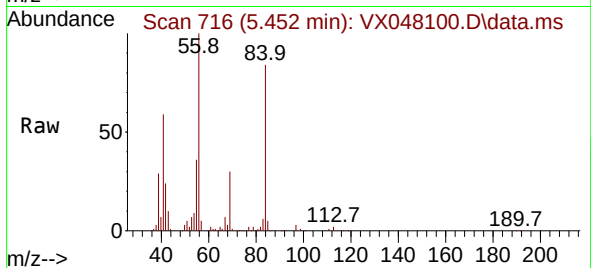
Tgt Ion: 83 Resp: 180351
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6





#31
Cyclohexane
Concen: 57.468 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

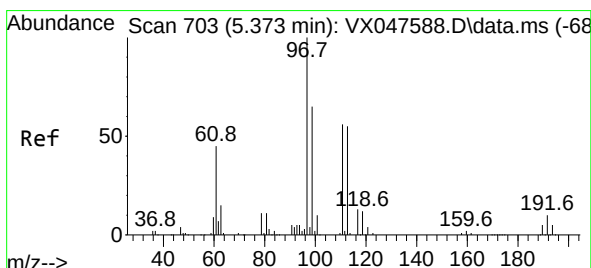
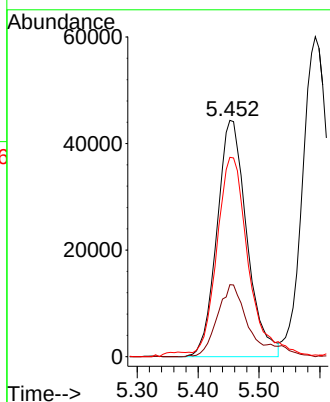
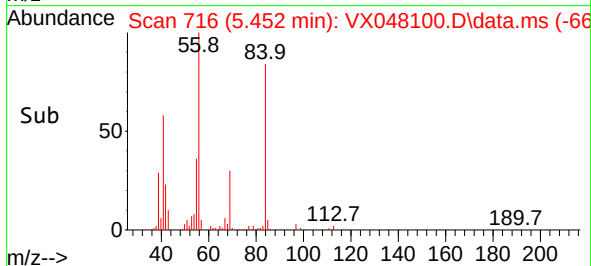
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 150992
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.8
84 82.4 64.6 97.0

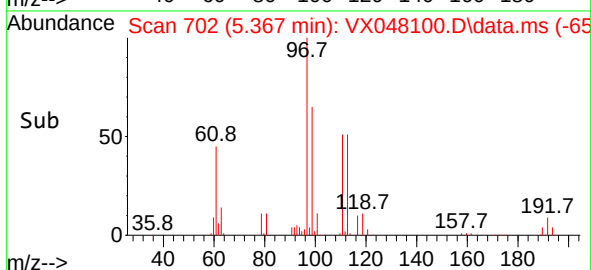
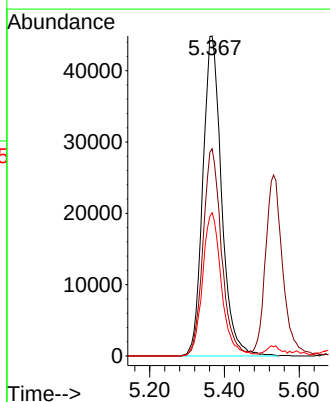
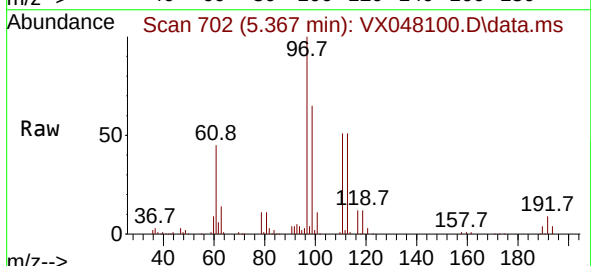
Manual Integrations
APPROVED

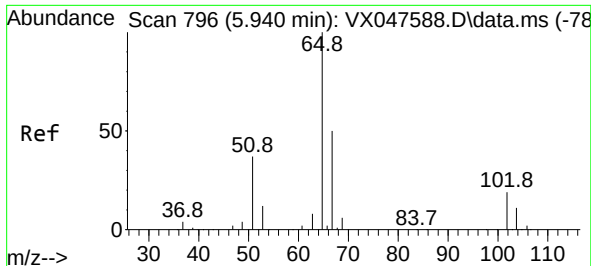
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#32
1,1,1-Trichloroethane
Concen: 57.701 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 97 Resp: 156023
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 45.3 35.8 53.8





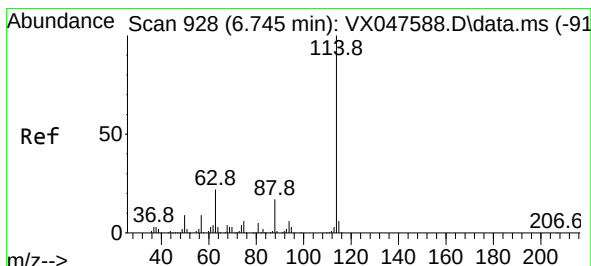
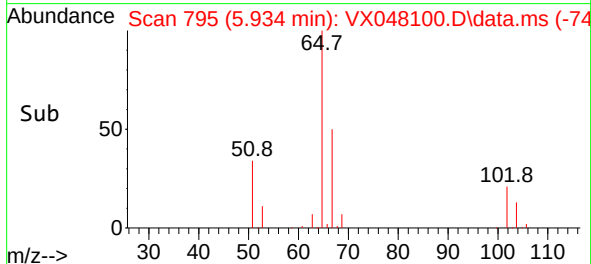
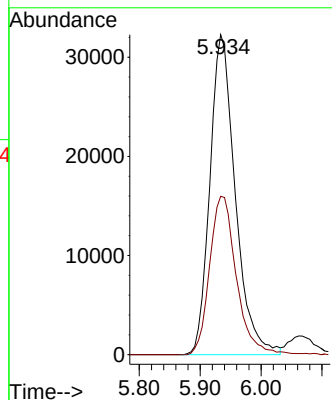
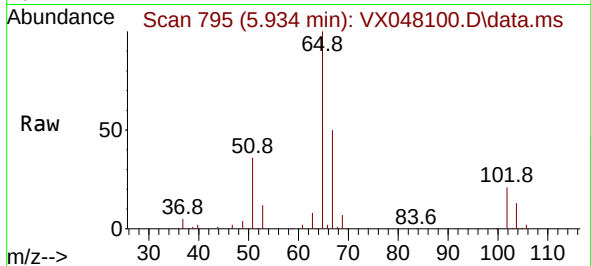
#33
1,2-Dichloroethane-d4
Concen: 47.002 ug/l
RT: 5.934 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 93450
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

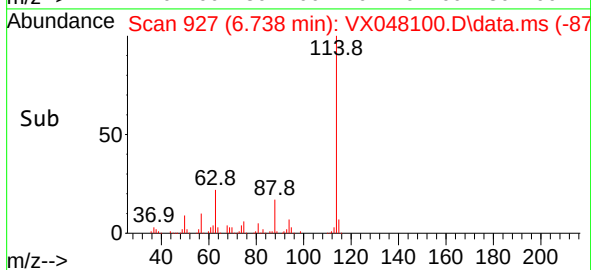
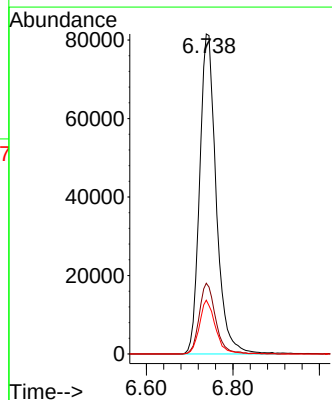
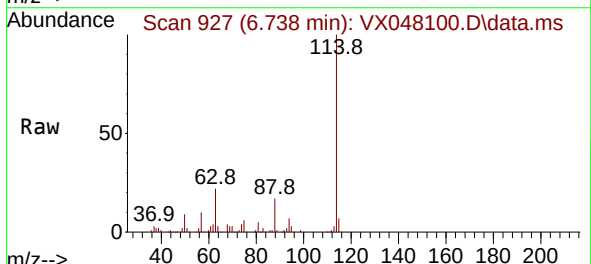
Manual Integrations
APPROVED

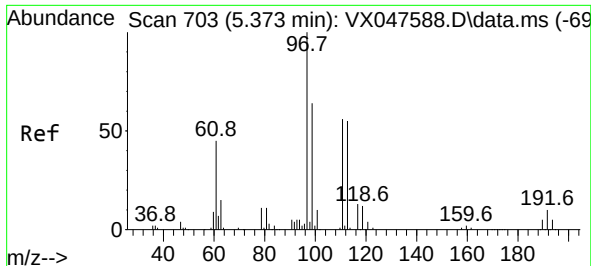
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

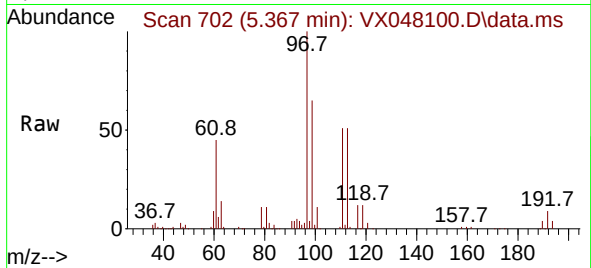
Tgt Ion:114 Resp: 216127
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.8 0.0 34.2





#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

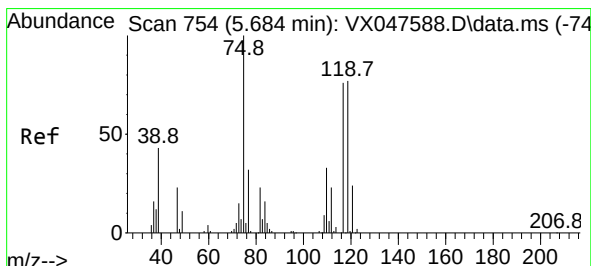
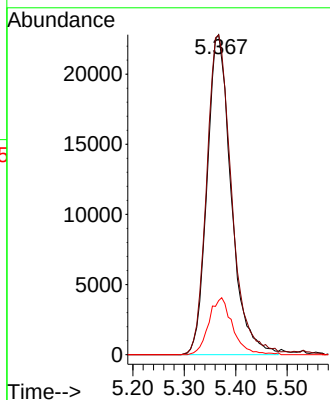
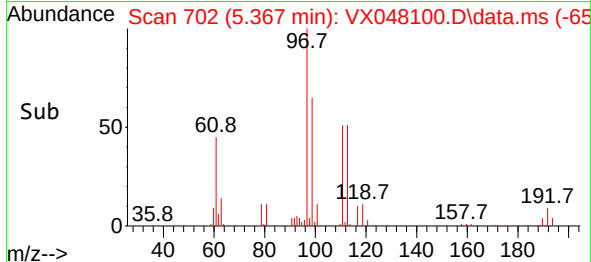
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



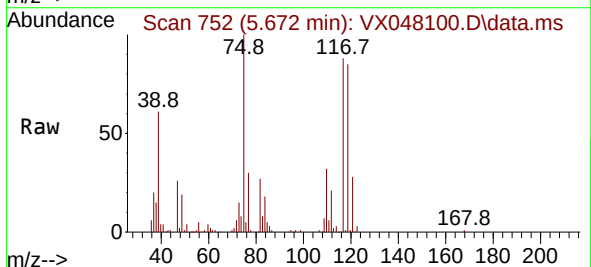
Tgt Ion:113 Resp: 7405
Ion Ratio Lower Upper
113 100
111 103.7 80.9 121.3
192 17.8 14.2 21.4

Manual Integrations
APPROVED

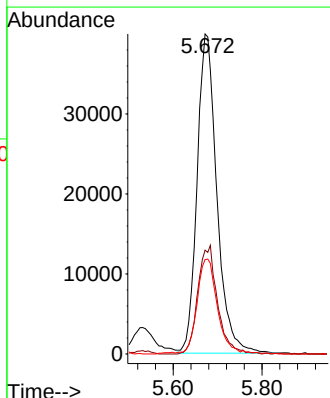
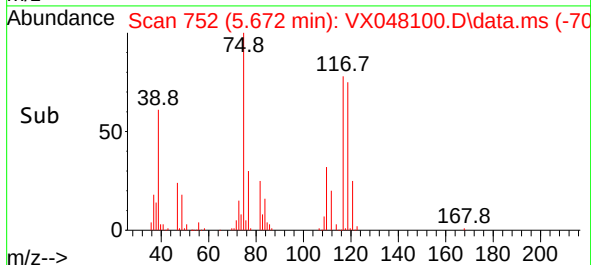
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

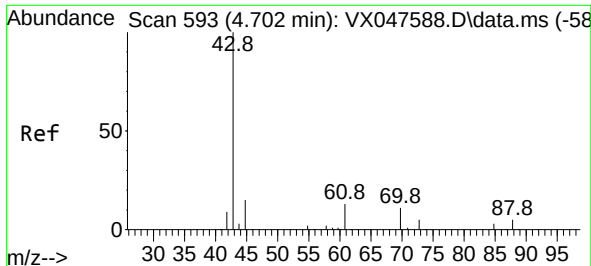


#36
1,1-Dichloropropene
Concen: 58.352 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



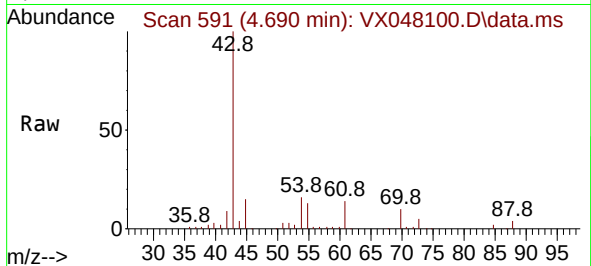
Tgt Ion: 75 Resp: 123591
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.1
77 30.0 24.3 36.5





#37
Ethyl Acetate
Concen: 46.745 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

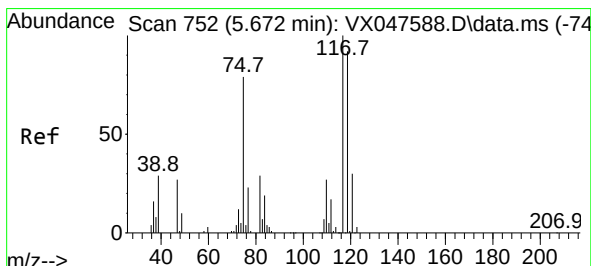
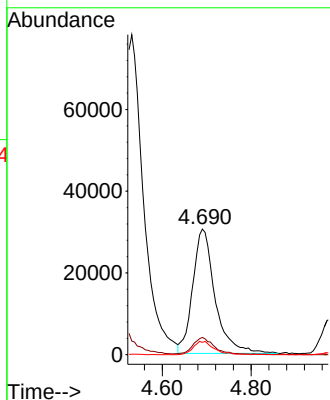
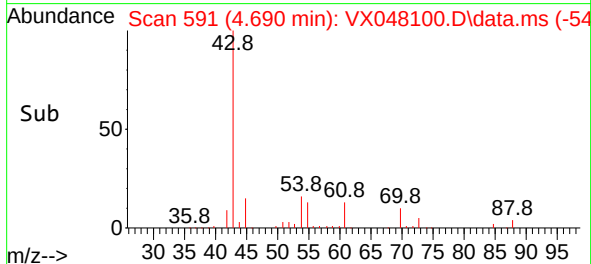
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 10600
Ion Ratio Lower Upper
43 100
61 12.4 9.8 14.8
70 9.8 7.9 11.9

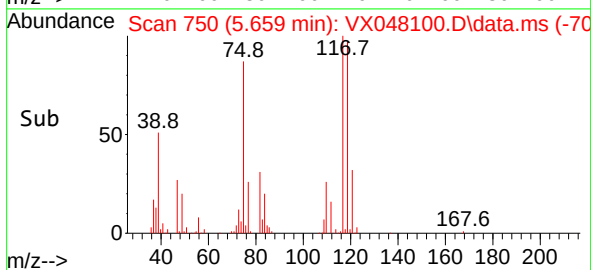
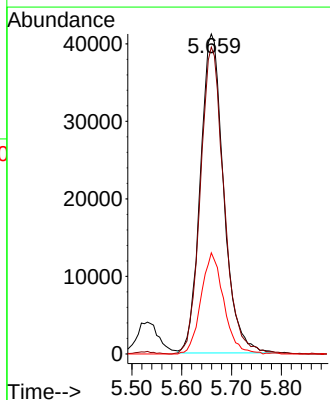
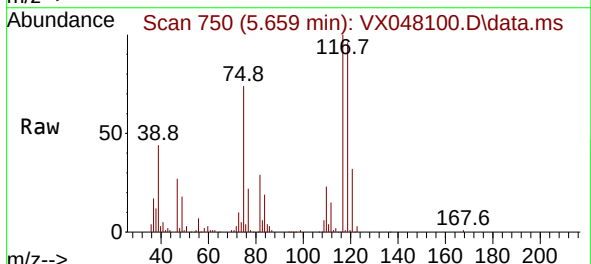
Manual Integrations
APPROVED

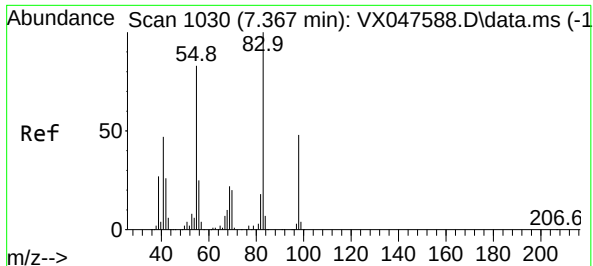
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#38
Carbon Tetrachloride
Concen: 58.053 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:117 Resp: 133595
Ion Ratio Lower Upper
117 100
119 95.9 73.4 110.2
121 31.7 23.8 35.6





#39

Methylcyclohexane

Concen: 61.418 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048100.D

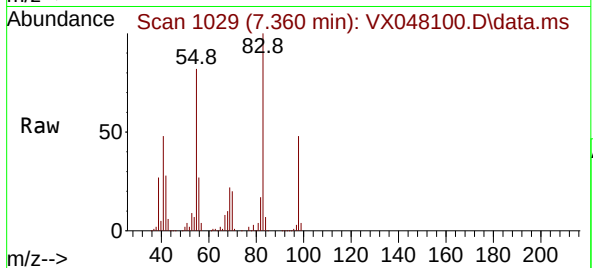
Acq: 10 Oct 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 14766

Ion Ratio Lower Upper

83 100

55 82.0 66.4 99.6

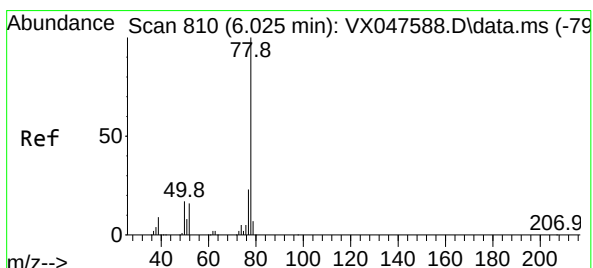
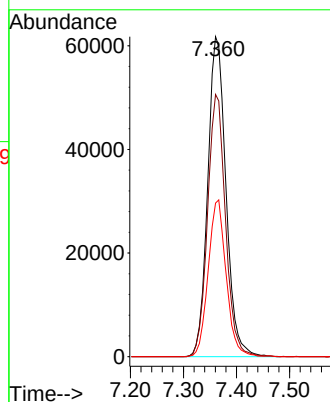
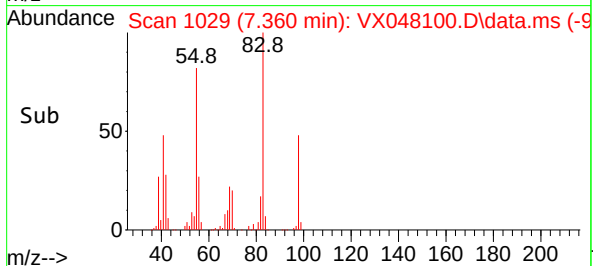
98 48.0 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2025

Supervised By :Mahesh Dadoda 10/13/2025



#40

Benzene

Concen: 58.350 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048100.D

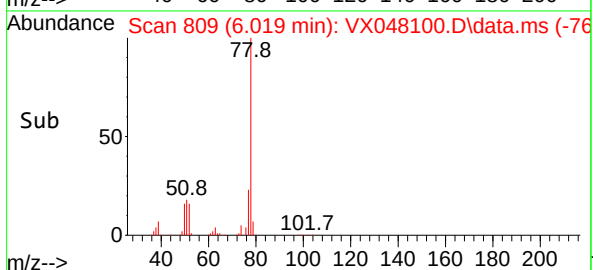
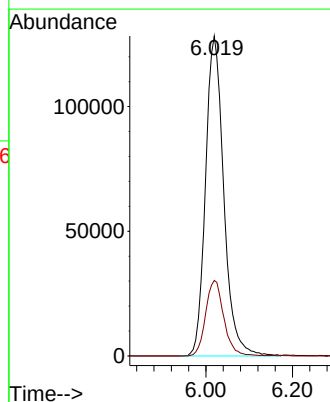
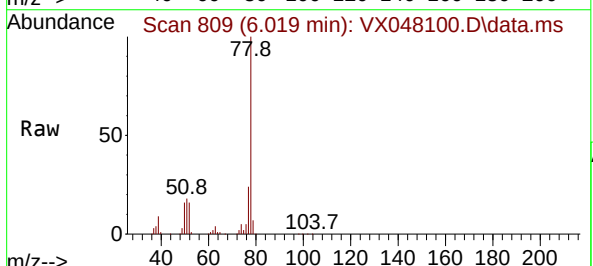
Acq: 10 Oct 2025 10:45

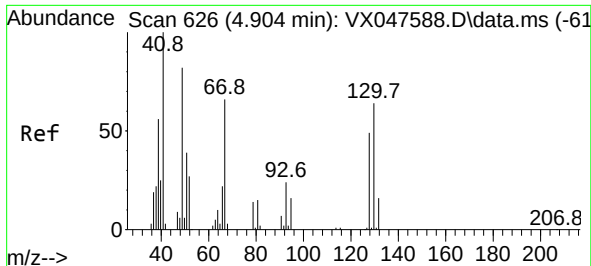
Tgt Ion: 78 Resp: 375362

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2





#41
Methacrylonitrile
Concen: 51.510 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

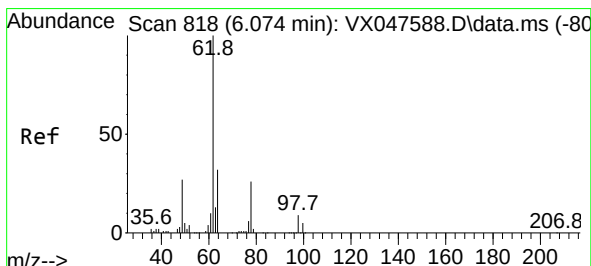
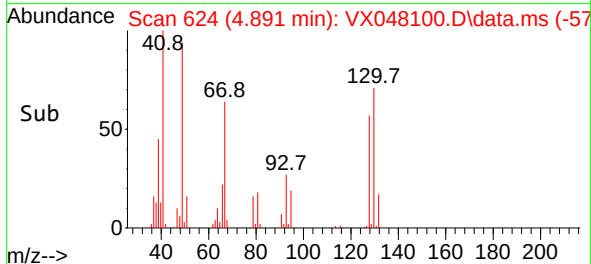
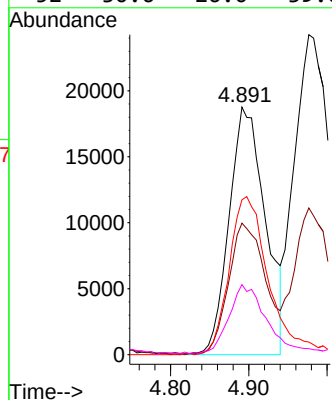
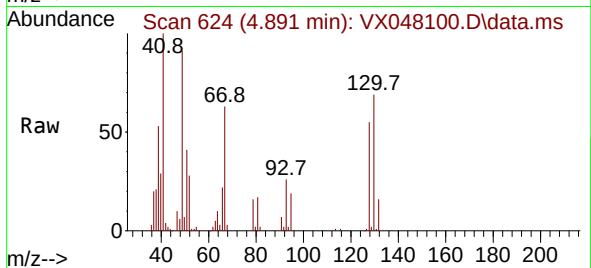
Tgt Ion: 41 Resp: 60300
Ion Ratio Lower Upper
41 100
39 54.6 43.3 64.9
67 70.5 58.6 87.8
52 30.6 26.0 39.0

Manual Integrations

APPROVED

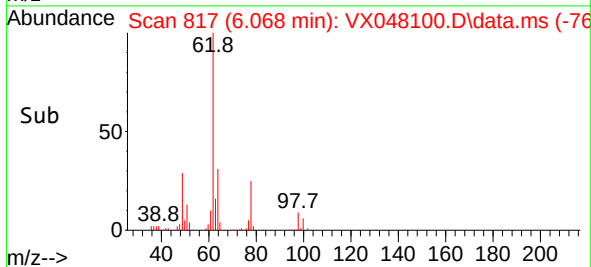
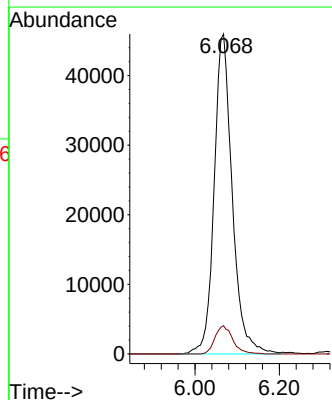
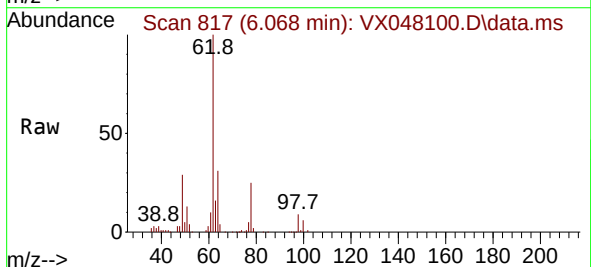
Reviewed By :John Carlone 10/13/2025

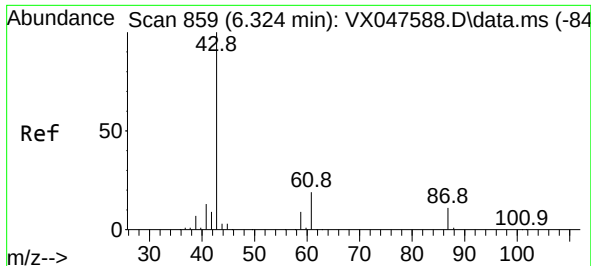
Supervised By :Mahesh Dadoda 10/13/2025



#42
1,2-Dichloroethane
Concen: 55.892 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

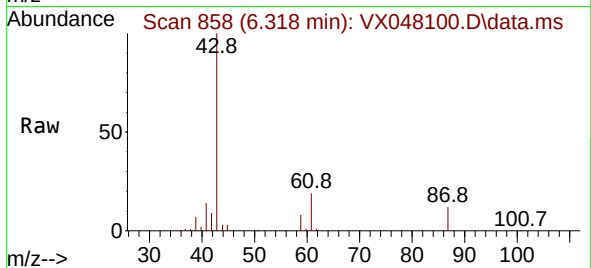
Tgt Ion: 62 Resp: 136805
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.0





#43
Isopropyl Acetate
Concen: 47.975 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

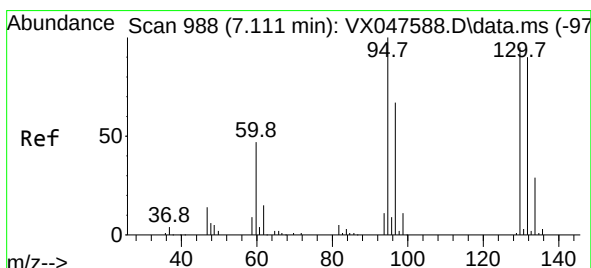
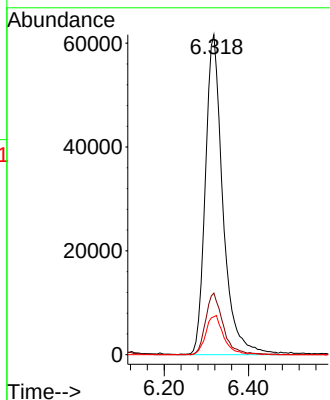
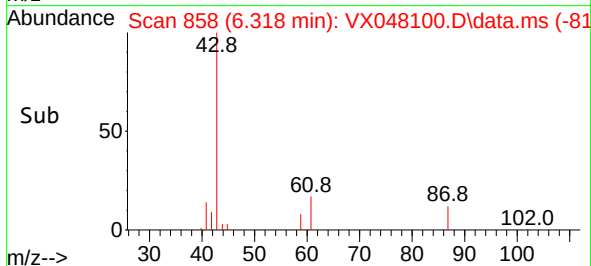
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 178430
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.5 9.6 14.4

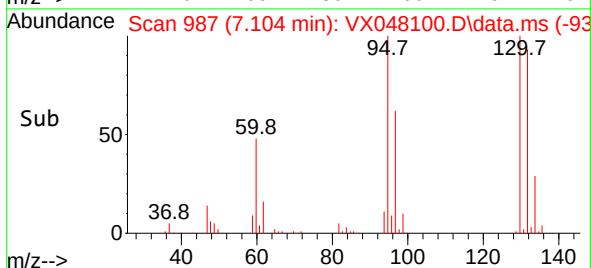
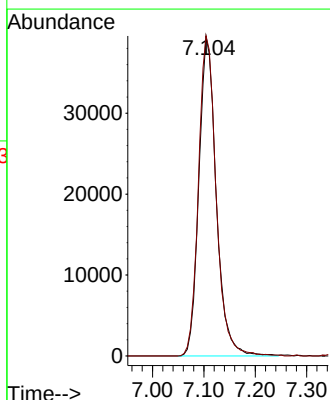
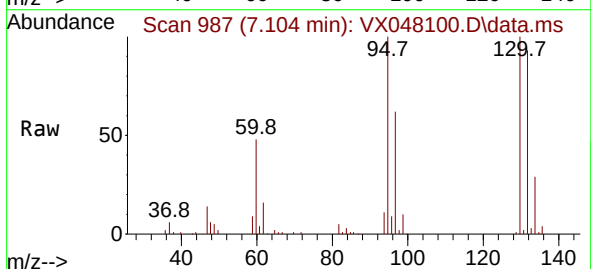
Manual Integrations
APPROVED

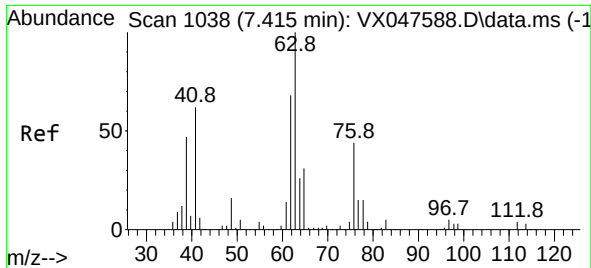
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#44
Trichloroethene
Concen: 59.475 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

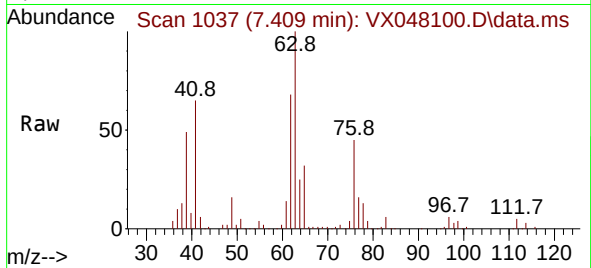
Tgt Ion:130 Resp: 92498
Ion Ratio Lower Upper
130 100
95 100.1 0.0 210.8





#45
1,2-Dichloropropane
Concen: 57.281 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

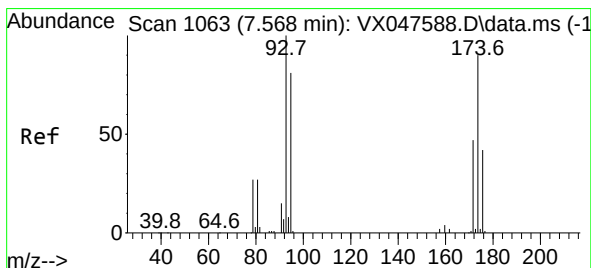
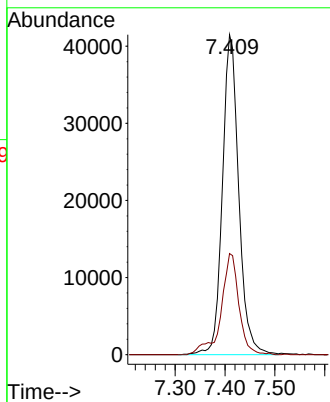
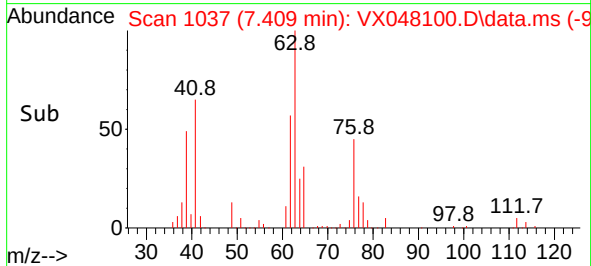
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



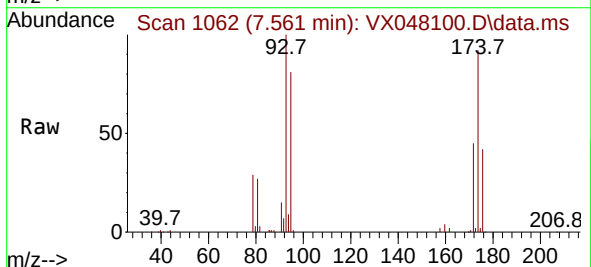
Tgt Ion: 63 Resp: 9435
Ion Ratio Lower Upper
63 100
65 31.6 24.7 37.1

Manual Integrations
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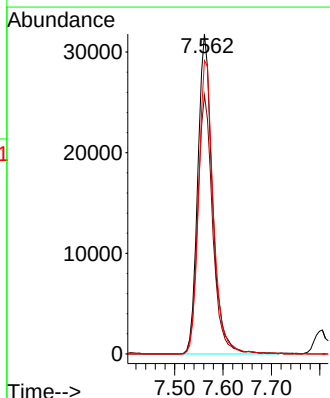
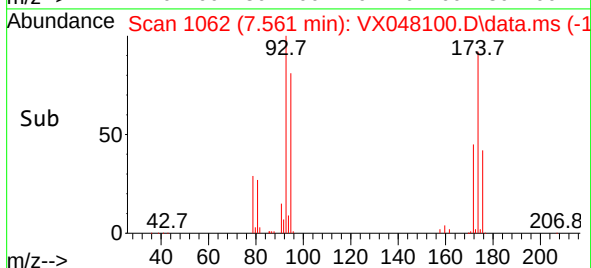
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

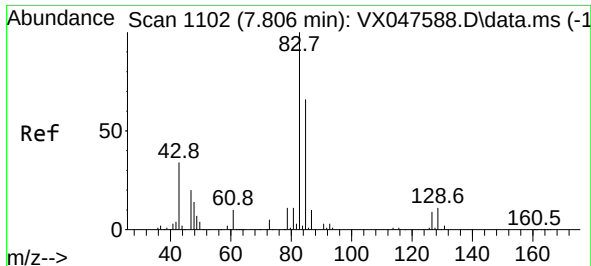


#46
Dibromomethane
Concen: 56.040 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



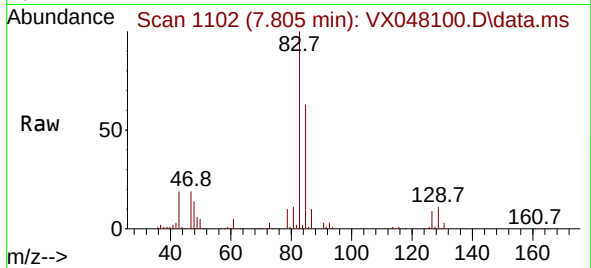
Tgt Ion: 93 Resp: 67175
Ion Ratio Lower Upper
93 100
95 81.9 65.0 97.6
174 92.1 71.6 107.4





#47
Bromodichloromethane
Concen: 57.029 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

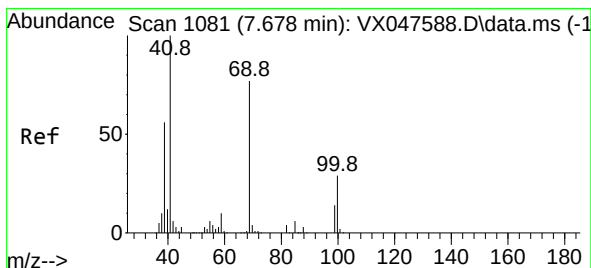
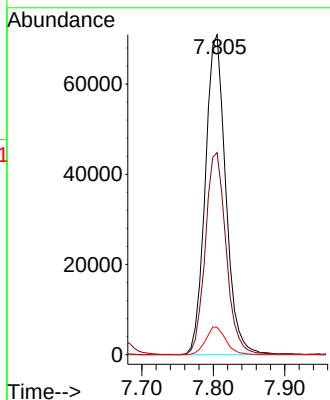
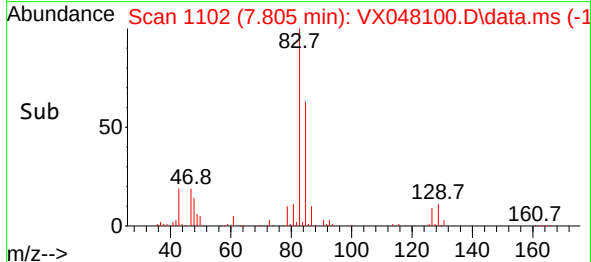
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



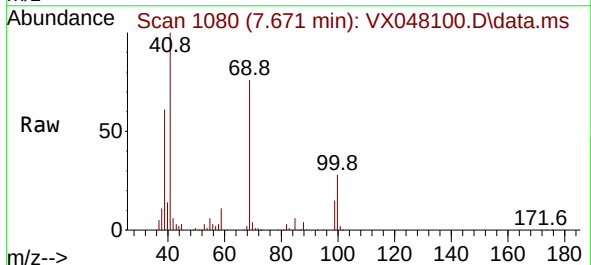
Tgt Ion: 83 Resp: 141060
Ion Ratio Lower Upper
83 100
85 63.2 52.5 78.7
127 8.5 6.9 10.3

Manual Integrations
APPROVED

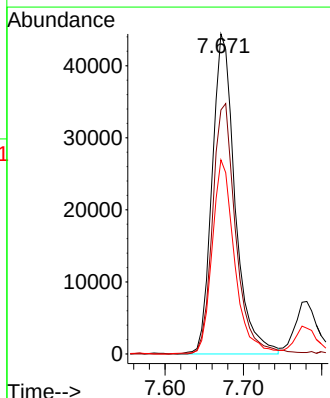
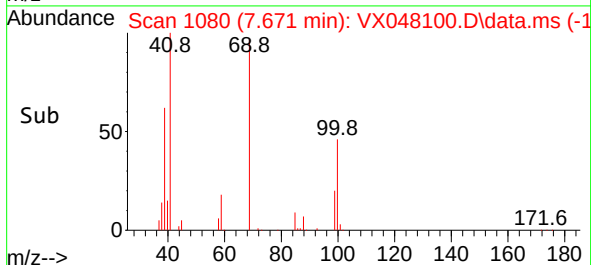
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

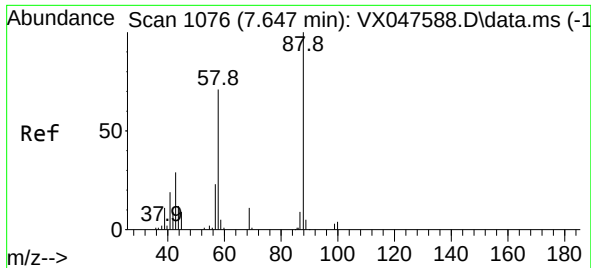


#48
Methyl methacrylate
Concen: 48.949 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



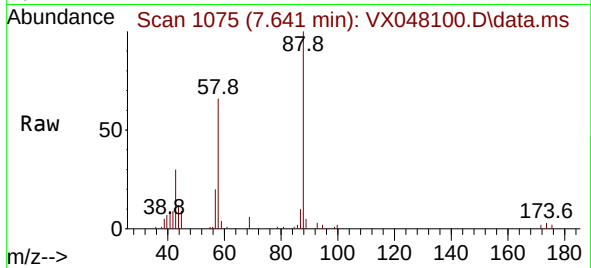
Tgt Ion: 41 Resp: 90685
Ion Ratio Lower Upper
41 100
69 79.0 61.4 92.2
39 59.3 45.8 68.6





#49
1,4-Dioxane
Concen: 1112.974 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

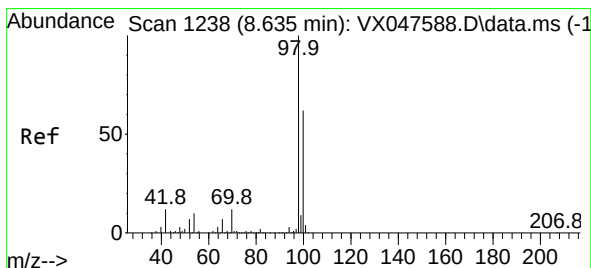
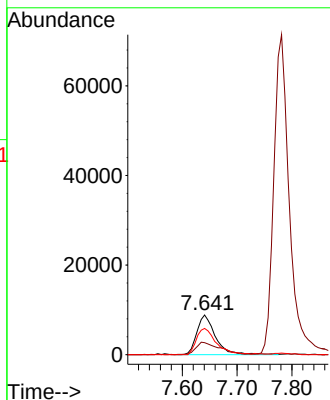
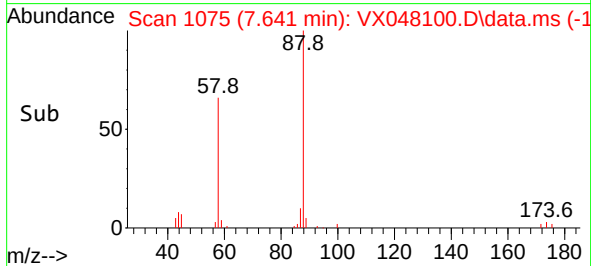
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 20838
Ion Ratio Lower Upper
88 100
43 40.9 30.2 45.2
58 70.5 59.5 89.3

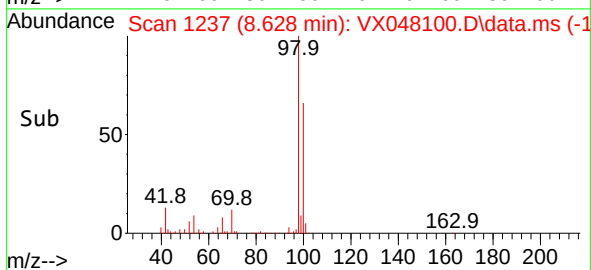
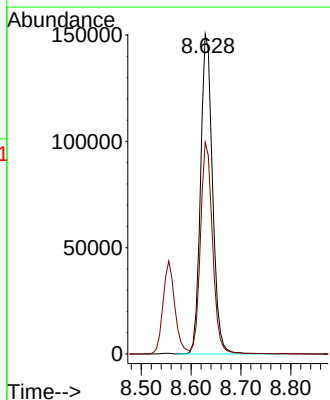
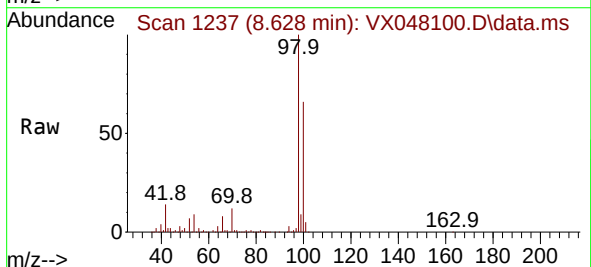
Manual Integrations
APPROVED

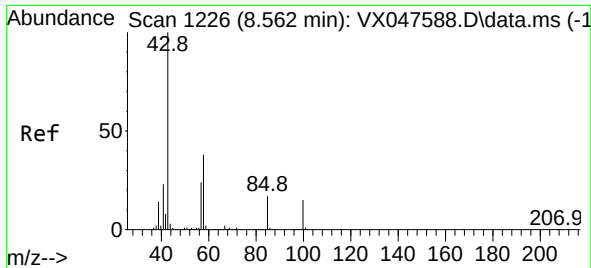
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#50
Toluene-d8
Concen: 50.093 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 98 Resp: 251236
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





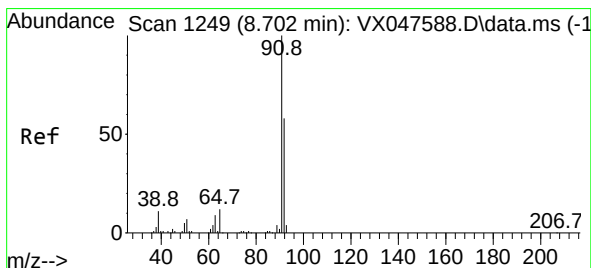
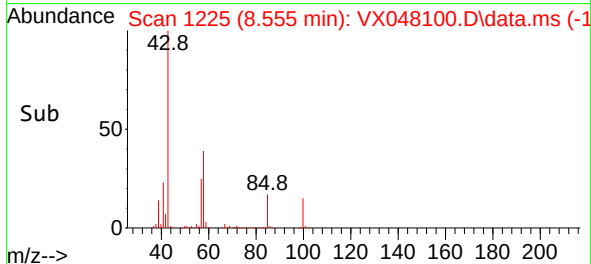
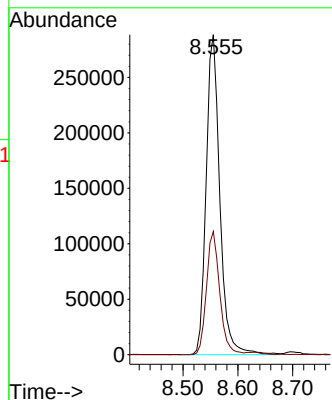
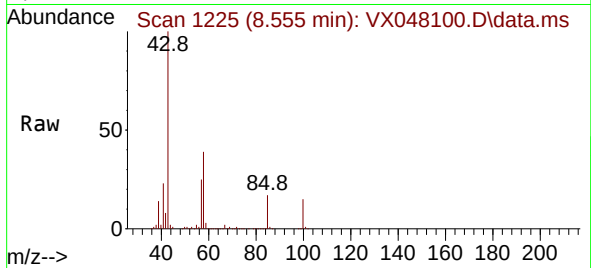
#51
4-Methyl-2-Pentanone
Concen: 241.298 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 497592
Ion Ratio Lower Upper
43 100
58 37.4 30.3 45.5

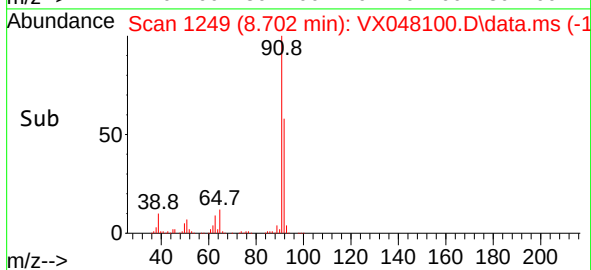
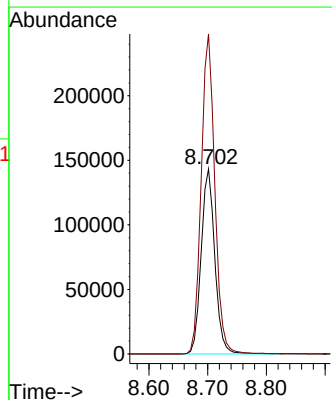
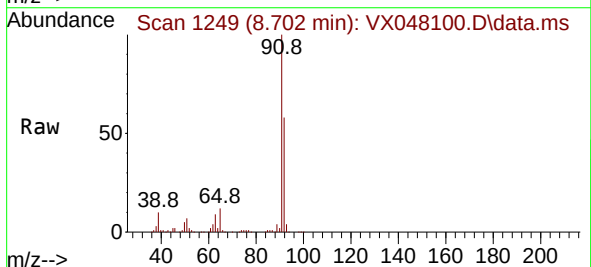
Manual Integrations
APPROVED

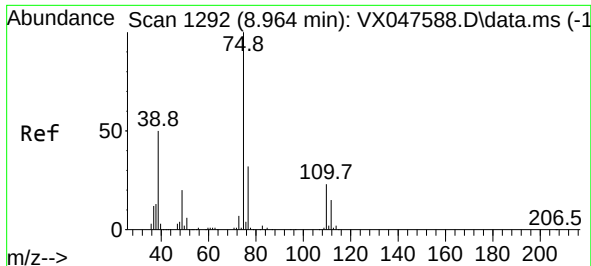
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#52
Toluene
Concen: 58.265 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

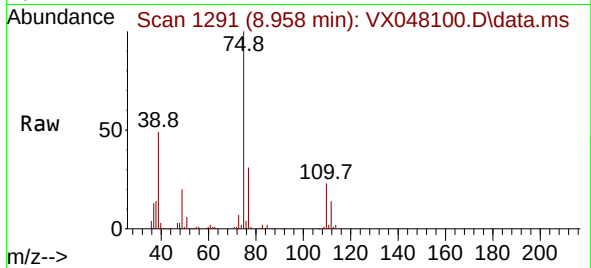
Tgt Ion: 92 Resp: 230924
Ion Ratio Lower Upper
92 100
91 172.8 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 56.386 ug/l
RT: 8.958 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

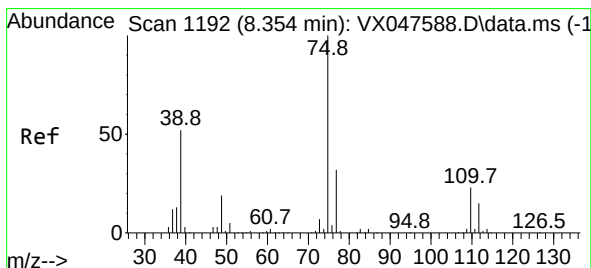
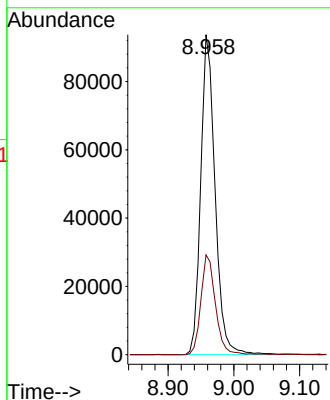
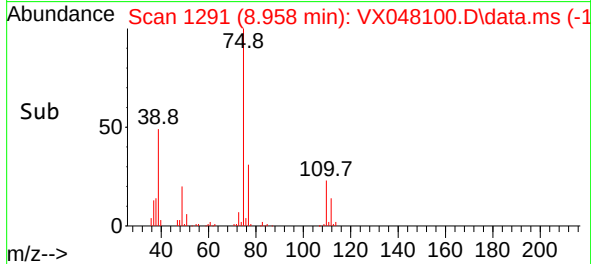
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 14226
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

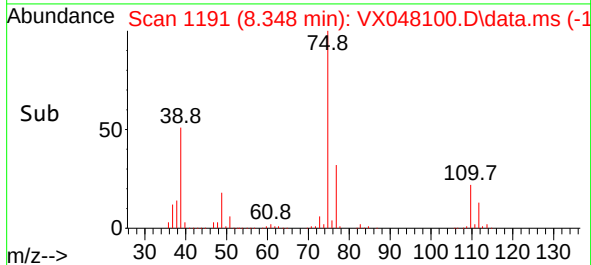
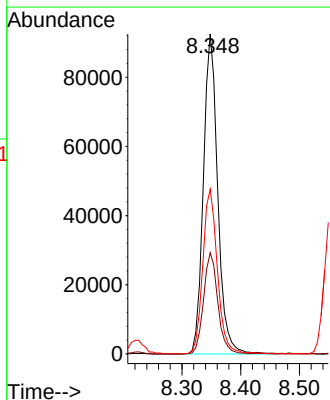
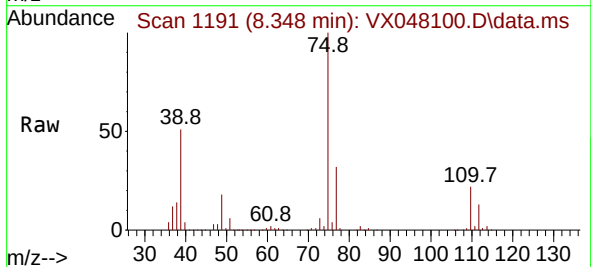
Manual Integrations
APPROVED

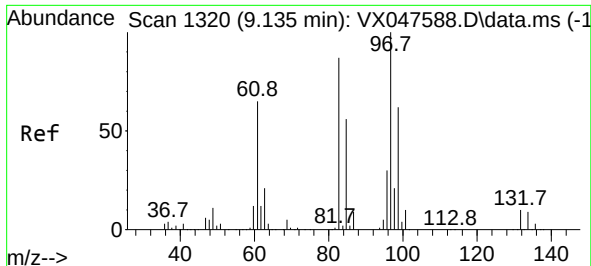
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#54
cis-1,3-Dichloropropene
Concen: 58.227 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 157025
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
39 51.0 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 55.112 ug/l
RT: 9.134 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

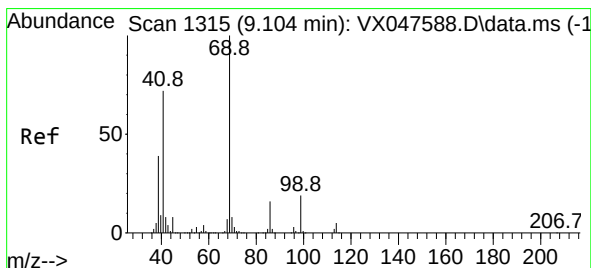
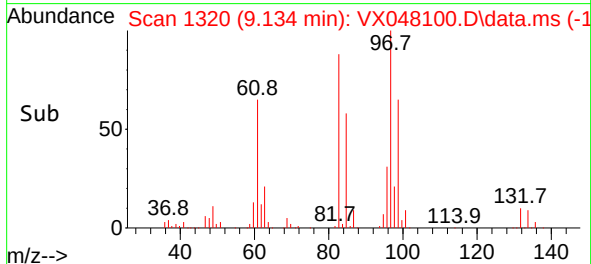
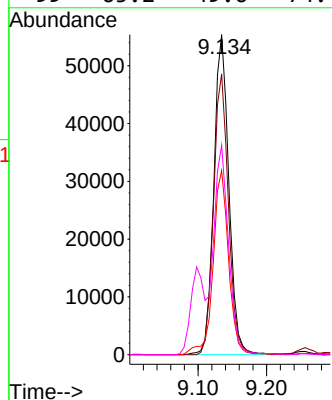
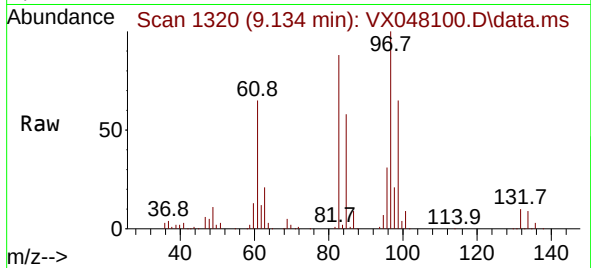
Tgt Ion: 97 Resp: 84224
Ion Ratio Lower Upper
97 100
83 87.7 69.6 104.4
85 57.5 45.0 67.6
99 65.2 49.6 74.4

Manual Integrations

APPROVED

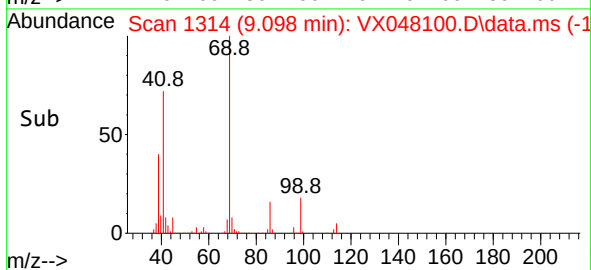
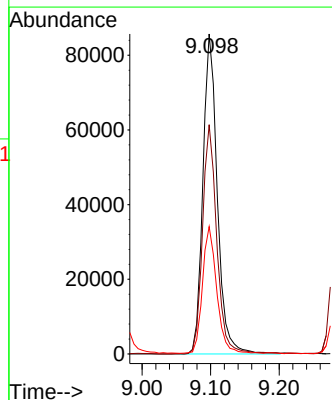
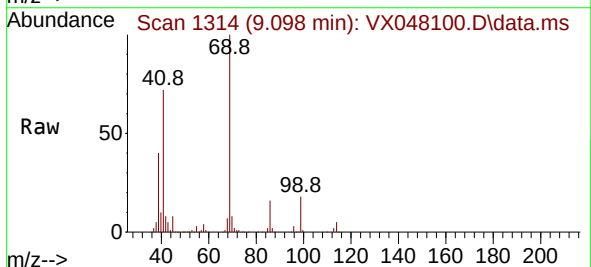
Reviewed By :John Carlone 10/13/2025

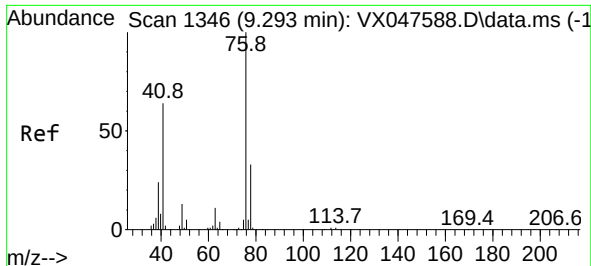
Supervised By :Mahesh Dadoda 10/13/2025



#56
Ethyl methacrylate
Concen: 52.366 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 69 Resp: 125680
Ion Ratio Lower Upper
69 100
41 71.5 58.6 87.8
39 39.2 31.5 47.3





#57

1,3-Dichloropropane

Concen: 56.528 ug/l

RT: 9.287 min Scan# 11345

Delta R.T. -0.006 min

Lab File: VX048100.D

Acq: 10 Oct 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 148399

Ion Ratio Lower Upper

76 100

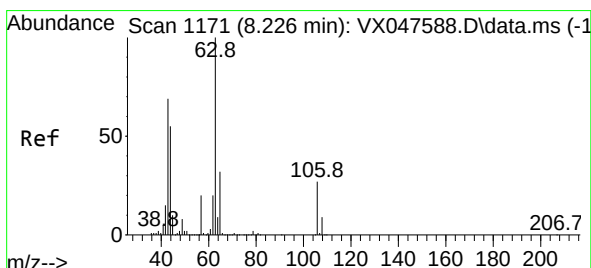
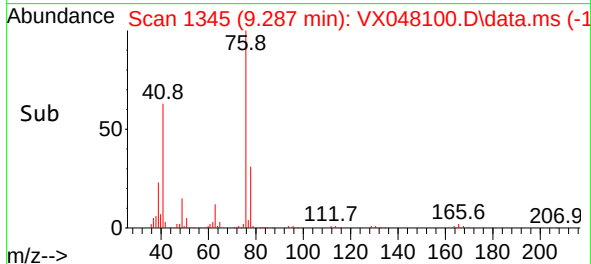
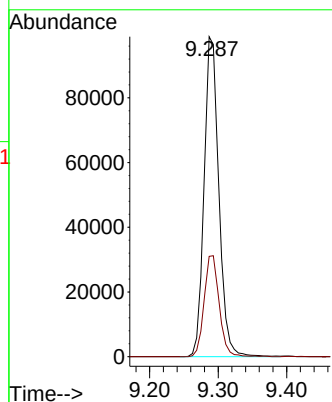
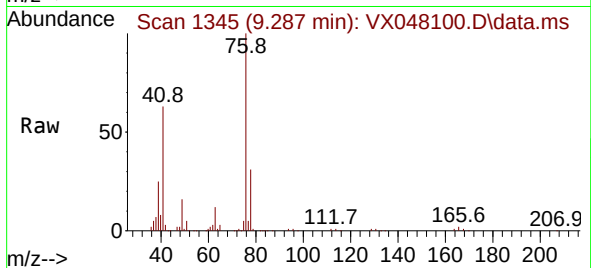
78 32.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2025

Supervised By :Mahesh Dadoda 10/13/2025



#58

2-Chloroethyl Vinyl ether

Concen: 271.315 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048100.D

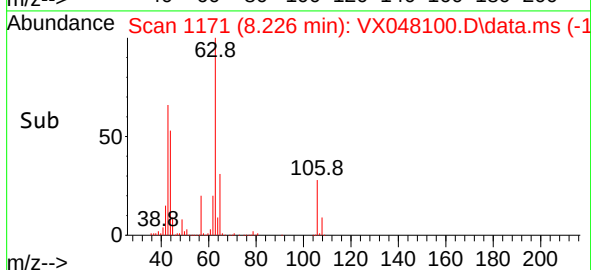
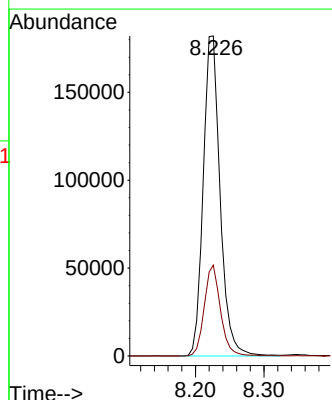
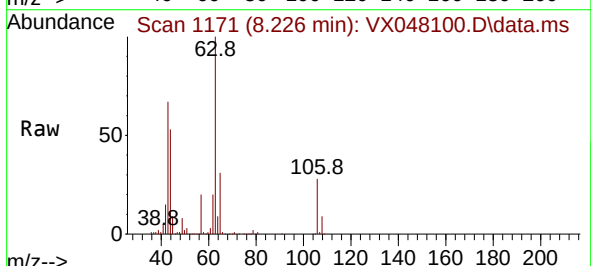
Acq: 10 Oct 2025 10:45

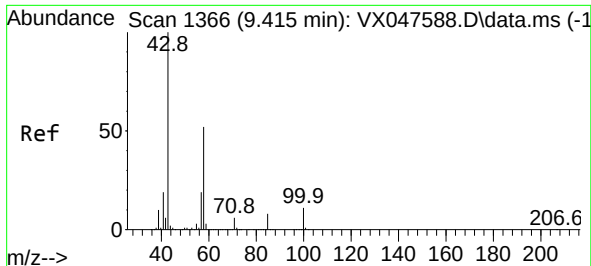
Tgt Ion: 63 Resp: 312902

Ion Ratio Lower Upper

63 100

106 27.2 21.9 32.9





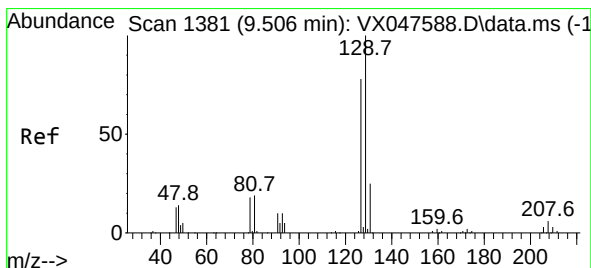
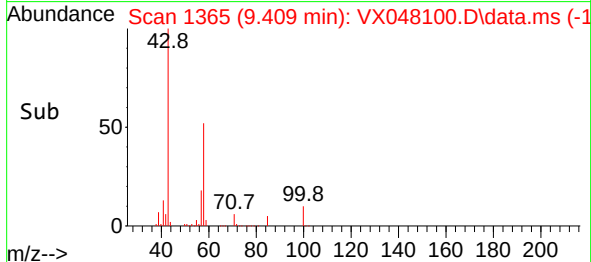
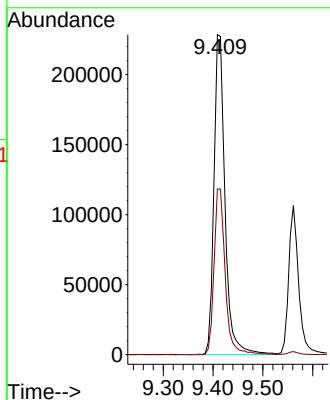
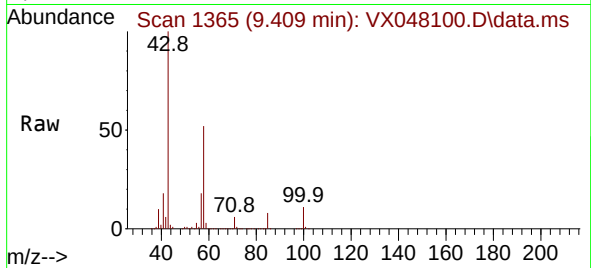
#59
2-Hexanone
Concen: 237.813 ug/l
RT: 9.409 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 35221
Ion Ratio Lower Upper
43 100
58 52.3 26.1 78.2

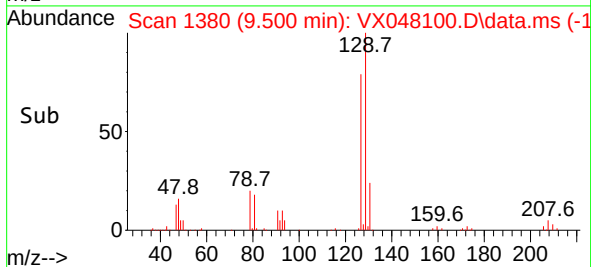
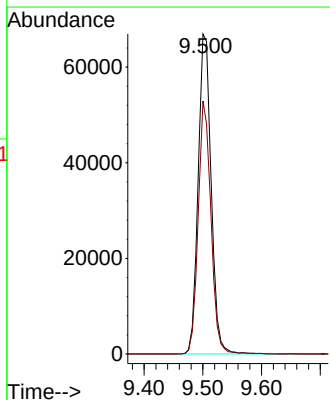
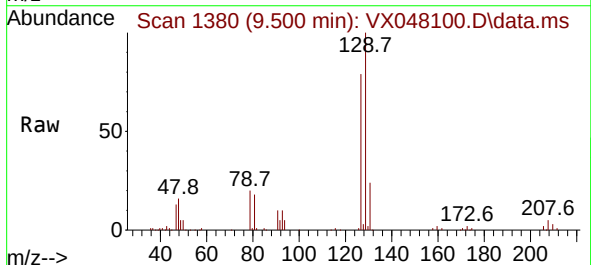
Manual Integrations
APPROVED

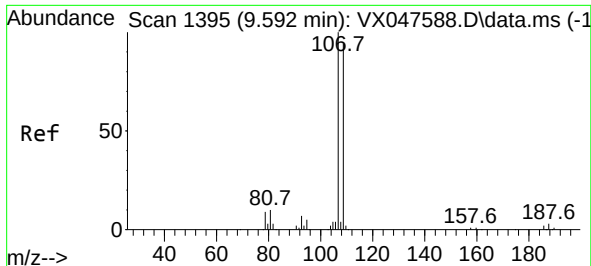
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#60
Dibromochloromethane
Concen: 58.645 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

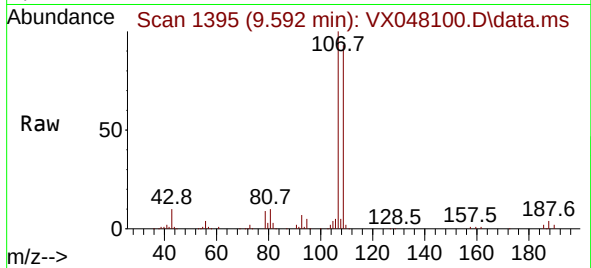
Tgt Ion:129 Resp: 103266
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61
1,2-Dibromoethane
Concen: 57.338 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

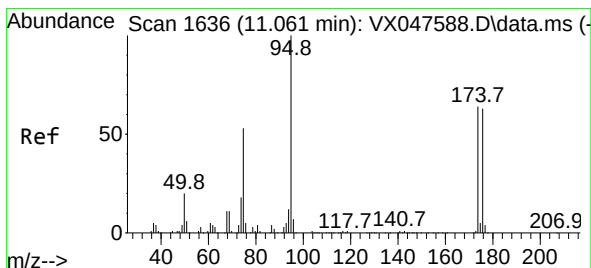
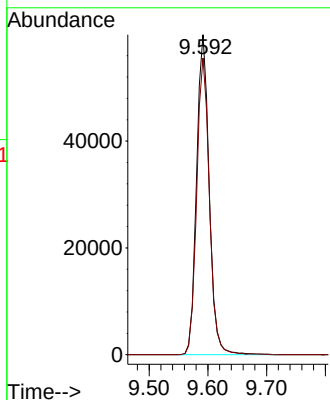
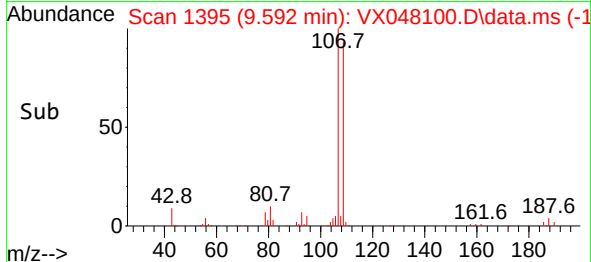
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



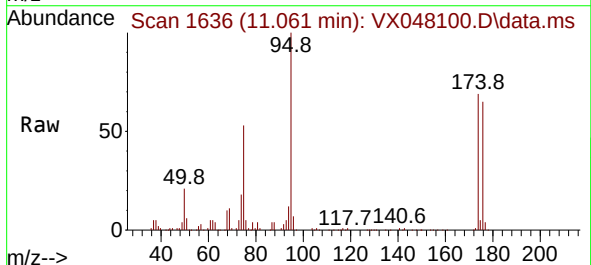
Tgt Ion:107 Resp: 8925
Ion Ratio Lower Upper
107 100
109 93.5 75.3 112.9

Manual Integrations
APPROVED

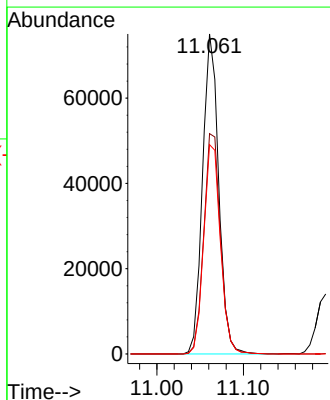
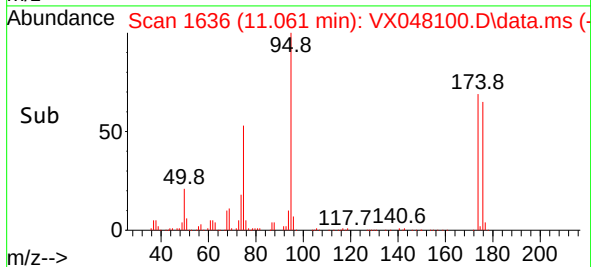
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

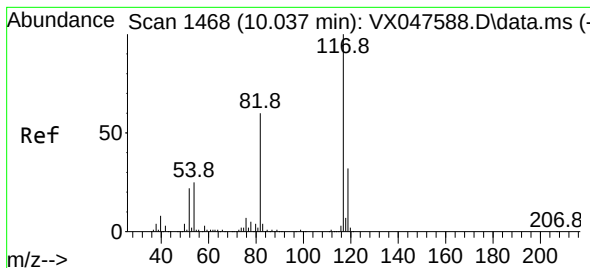


#62
4-Bromofluorobenzene
Concen: 51.012 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



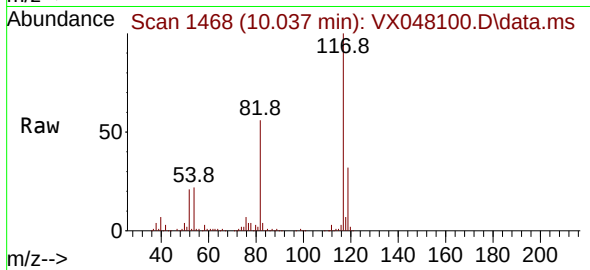
Tgt Ion: 95 Resp: 97098
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.6
176 67.9 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

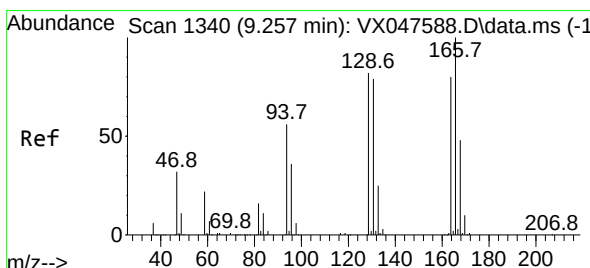
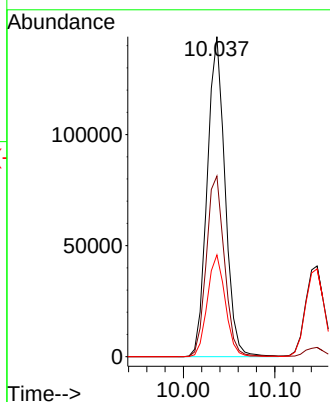
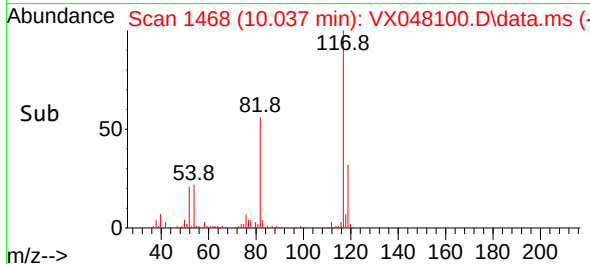
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion:117 Resp: 194988
Ion Ratio Lower Upper
117 100
82 56.5 47.8 71.6
119 31.8 25.2 37.8

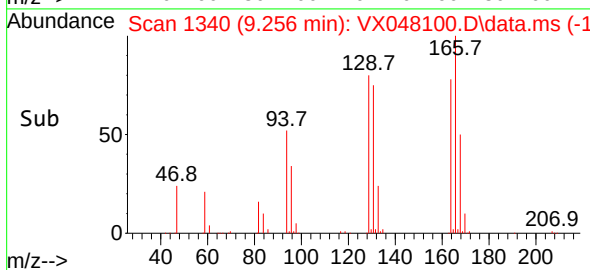
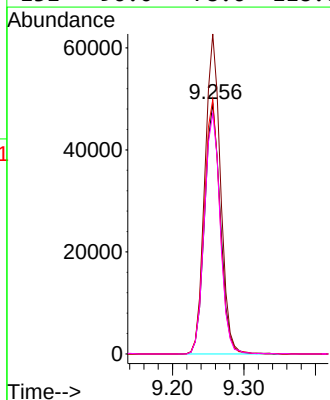
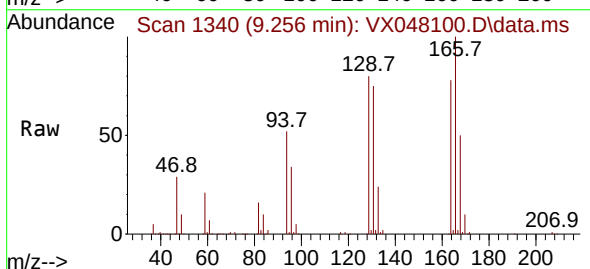
Manual Integrations
APPROVED

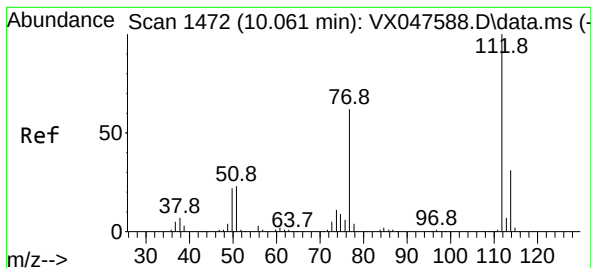
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#64
Tetrachloroethene
Concen: 59.002 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:164 Resp: 74999
Ion Ratio Lower Upper
164 100
166 127.8 100.2 150.2
129 101.6 81.8 122.6
131 96.0 78.6 118.0





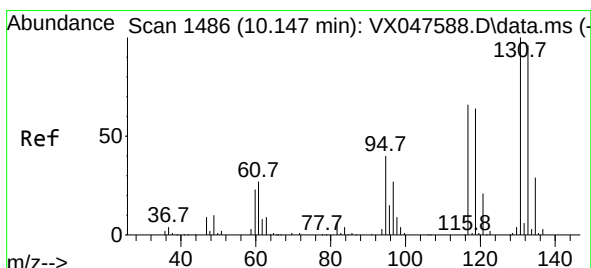
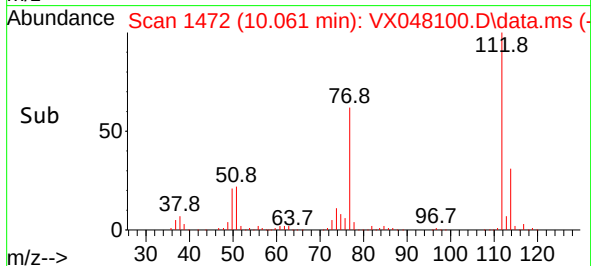
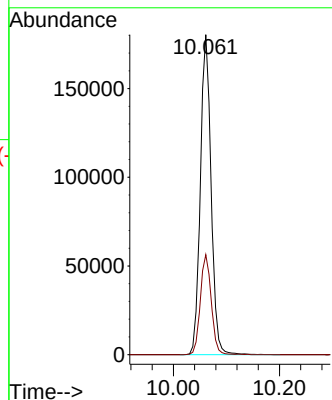
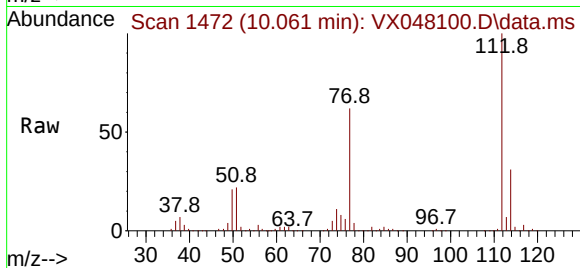
#65
Chlorobenzene
Concen: 57.202 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 253389
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

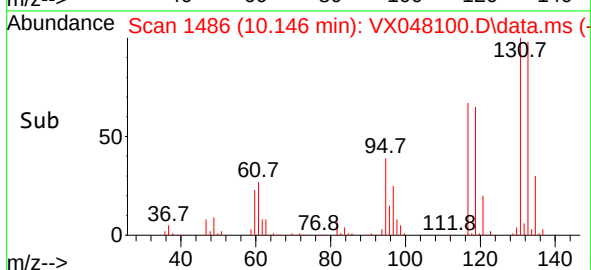
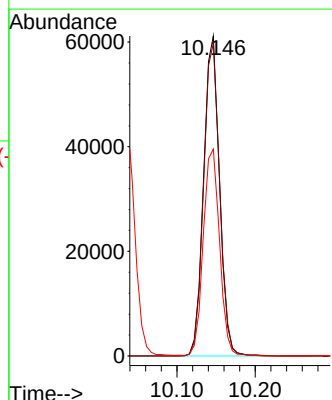
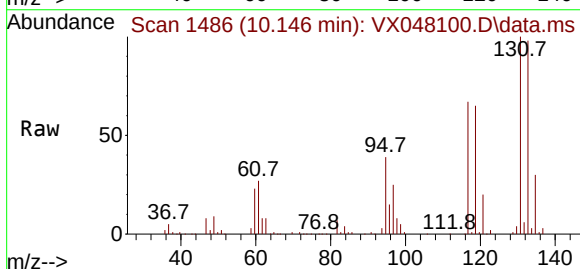
Manual Integrations
APPROVED

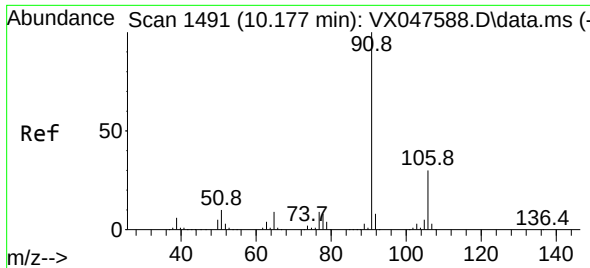
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.355 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

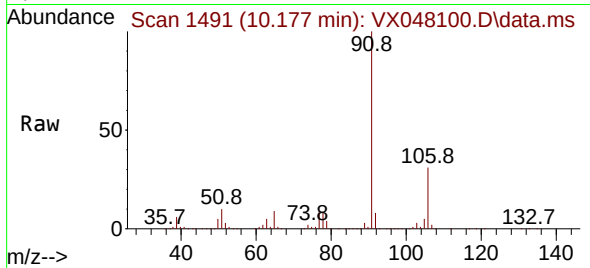
Tgt Ion:131 Resp: 86143
Ion Ratio Lower Upper
131 100
133 98.6 47.3 142.0
119 66.5 32.0 96.0





#67
Ethyl Benzene
Concen: 58.052 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

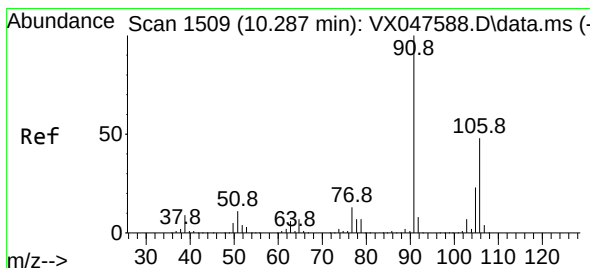
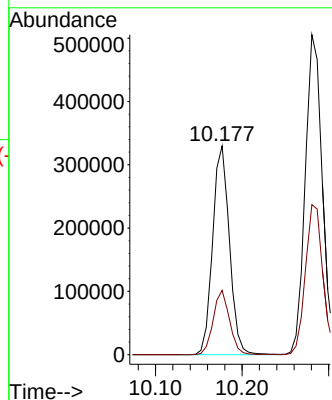
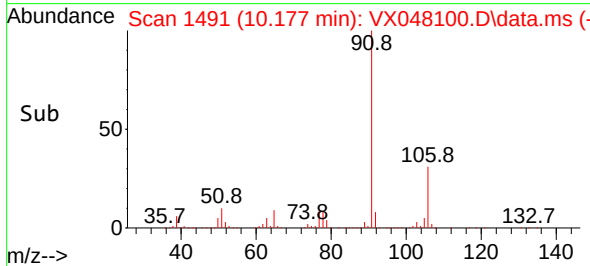
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



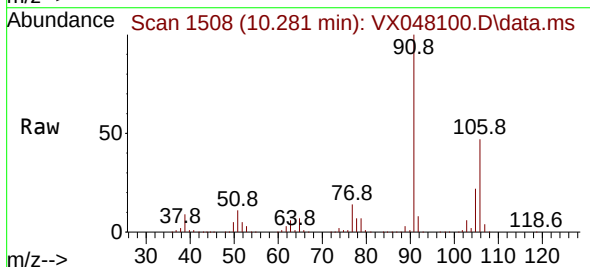
Tgt Ion: 91 Resp: 443700
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5

Manual Integrations
APPROVED

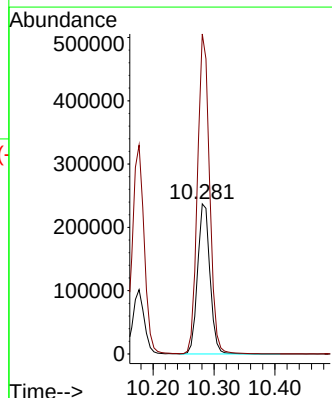
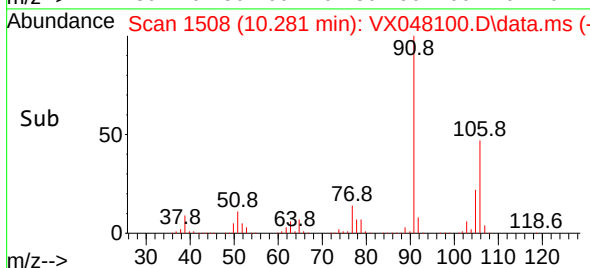
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

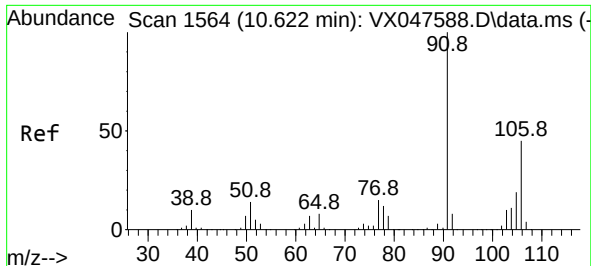


#68
m/p-Xylenes
Concen: 117.368 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



Tgt Ion:106 Resp: 333897
Ion Ratio Lower Upper
106 100
91 208.1 167.8 251.8





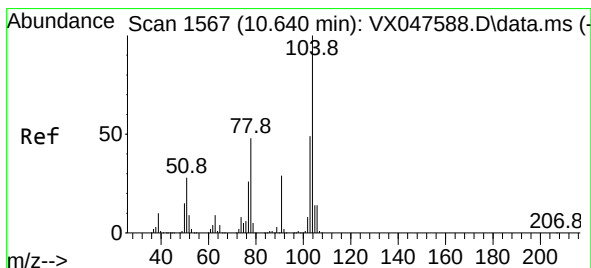
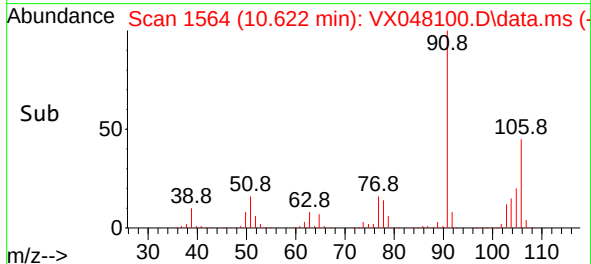
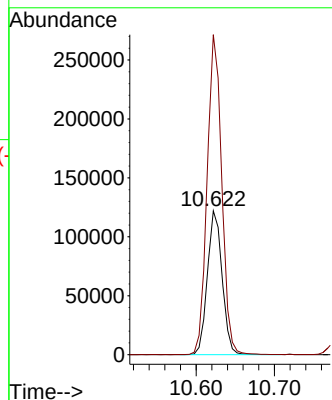
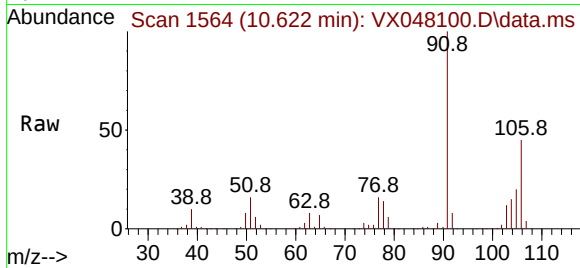
#69
o-Xylene
Concen: 57.817 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 15909
Ion Ratio Lower Upper
106 100
91 220.4 111.1 333.4

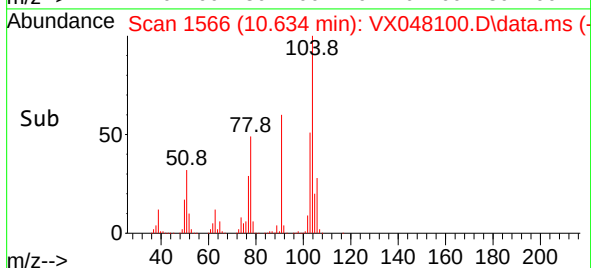
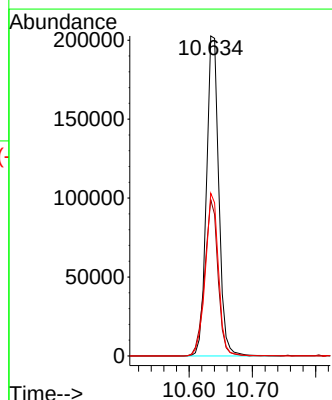
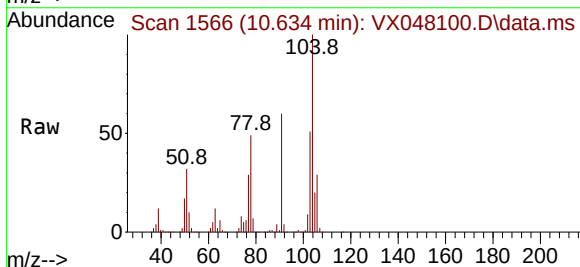
Manual Integrations
APPROVED

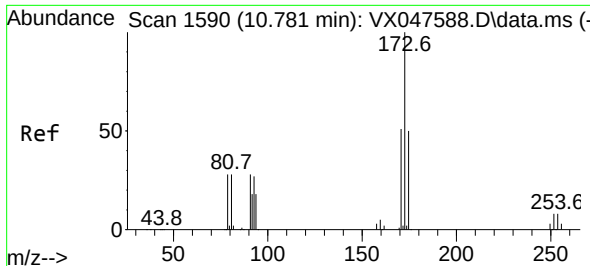
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#70
Styrene
Concen: 57.245 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

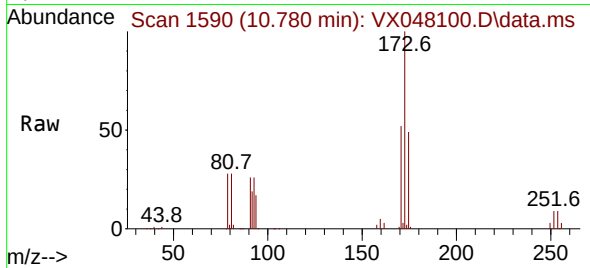
Tgt Ion:104 Resp: 276000
Ion Ratio Lower Upper
104 100
78 52.5 43.1 64.7
103 54.1 43.1 64.7





#71
Bromoform
Concen: 54.395 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

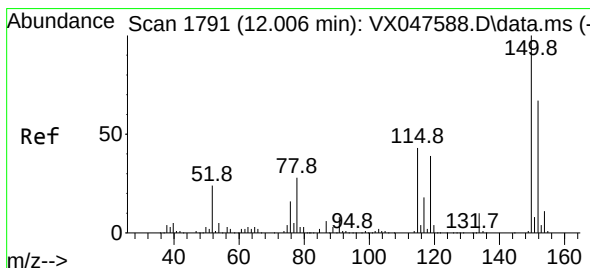
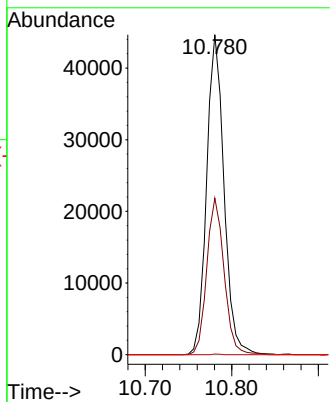
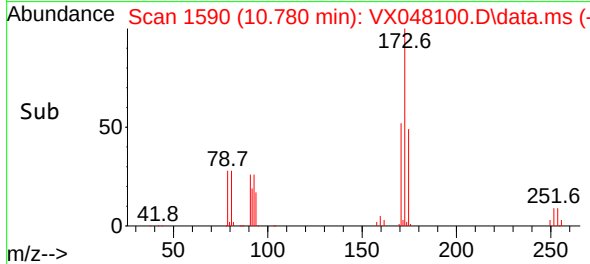
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



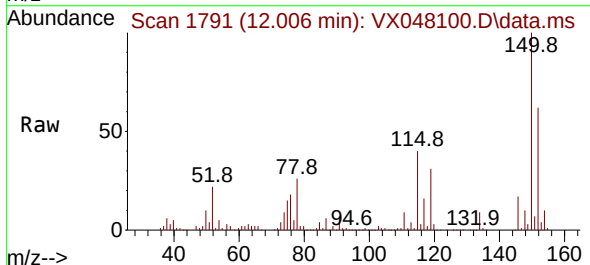
Tgt Ion:173 Resp: 62080
Ion Ratio Lower Upper
173 100
175 48.9 24.9 74.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

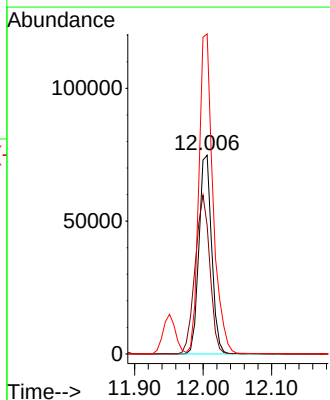
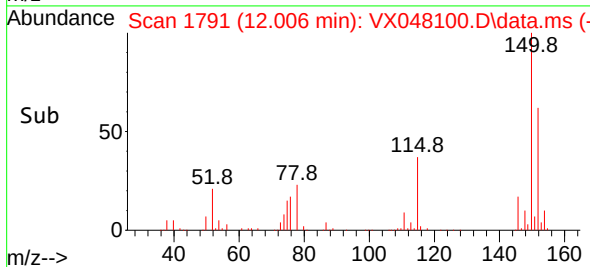
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

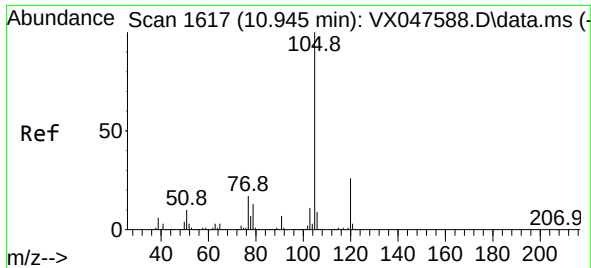


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



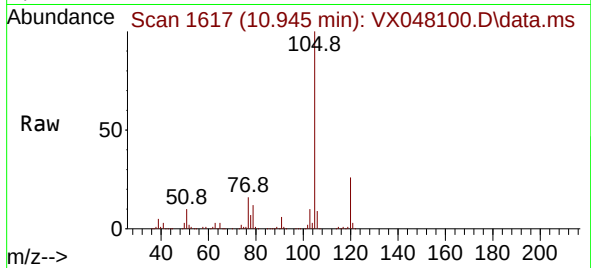
Tgt Ion:152 Resp: 96783
Ion Ratio Lower Upper
152 100
115 92.0 44.9 134.5
150 179.3 0.0 352.0





#73
Isopropylbenzene
Concen: 55.989 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

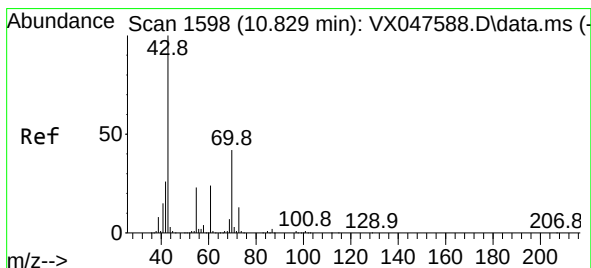
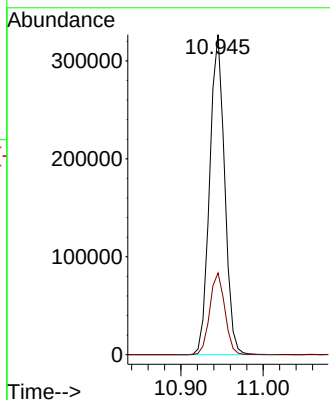
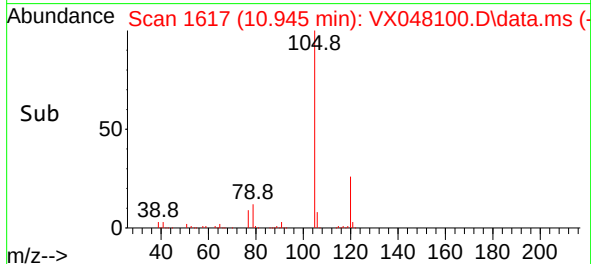
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



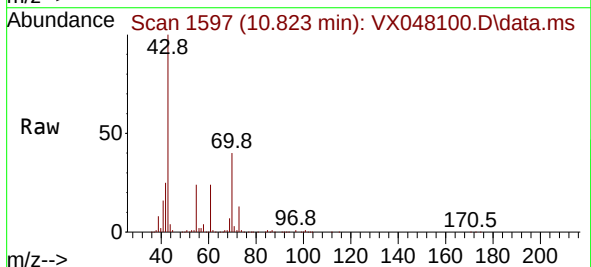
Tgt Ion:105 Resp: 411969
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

Manual Integrations
APPROVED

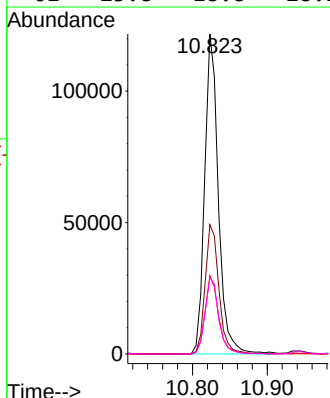
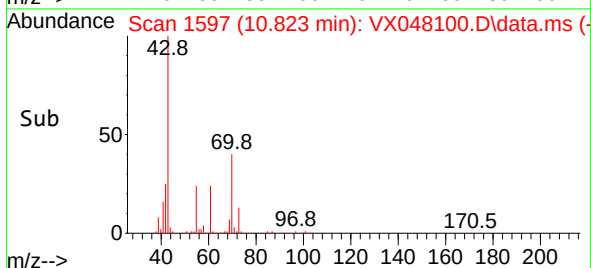
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

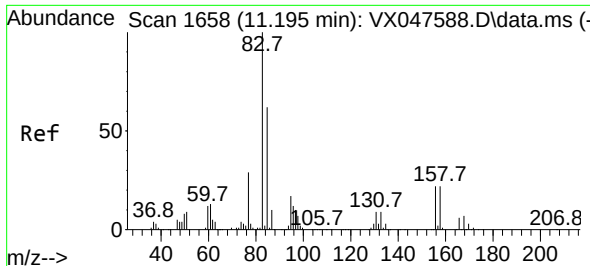


#74
N-ethyl acetate
Concen: 46.230 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



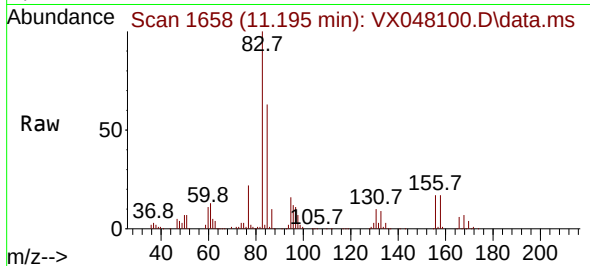
Tgt Ion: 43 Resp: 155119
Ion Ratio Lower Upper
43 100
70 40.7 32.0 48.0
55 24.4 18.9 28.3
61 23.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.181 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

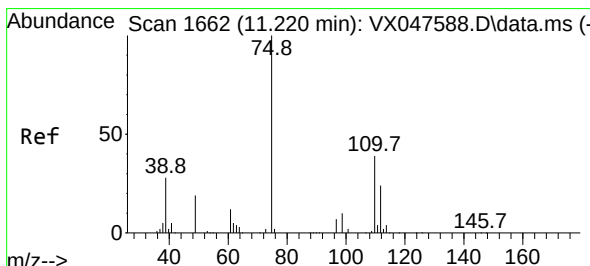
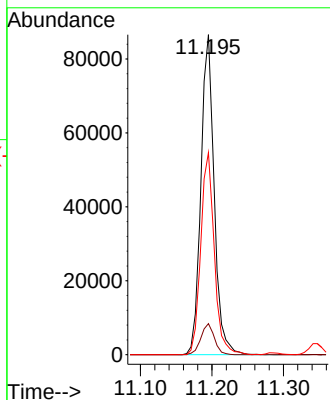
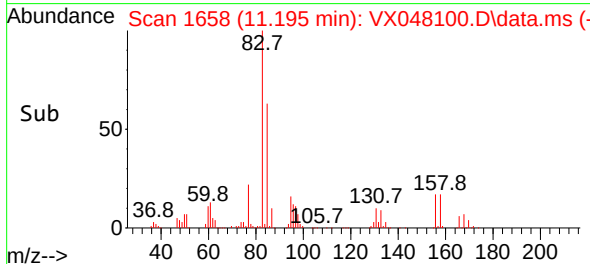
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11171
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.4 31.6 95.0

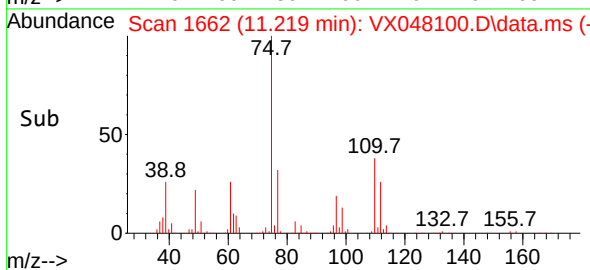
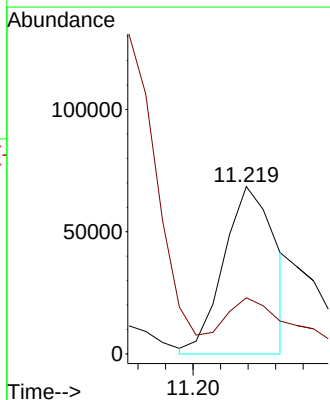
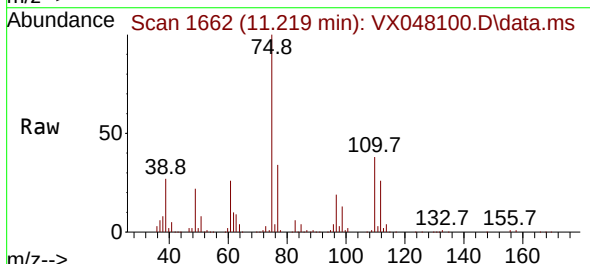
Manual Integrations
APPROVED

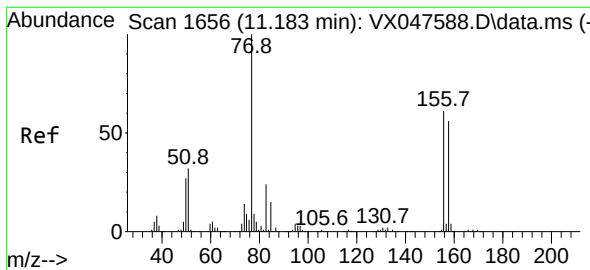
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#76
1,2,3-Trichloropropane
Concen: 45.523 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 89204
Ion Ratio Lower Upper
75 100
77 46.3 18.8 56.4





#77

Bromobenzene

Concen: 54.799 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX048100.D

Acq: 10 Oct 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 99309

Ion Ratio Lower Upper

156 100

77 172.1 89.7 269.1

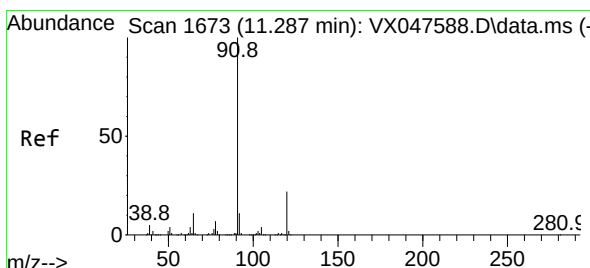
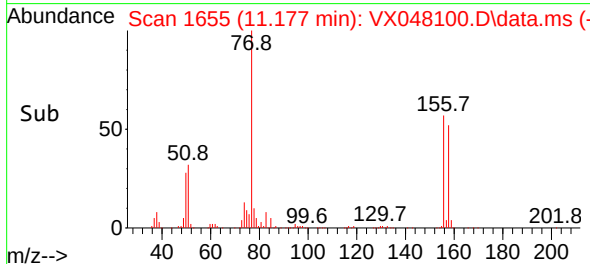
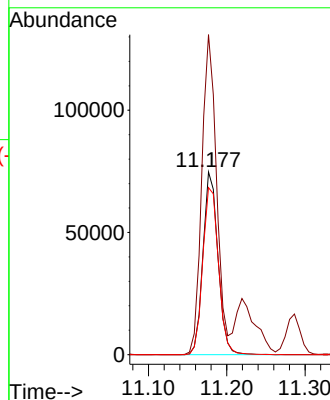
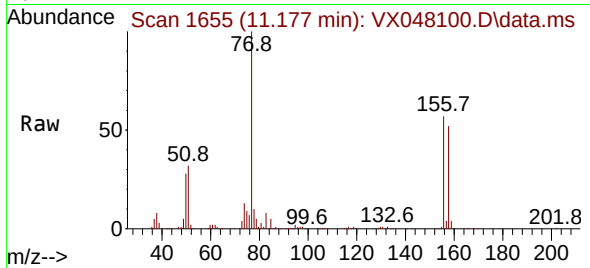
158 96.1 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2025

Supervised By :Mahesh Dadoda 10/13/2025



#78

n-propylbenzene

Concen: 57.121 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048100.D

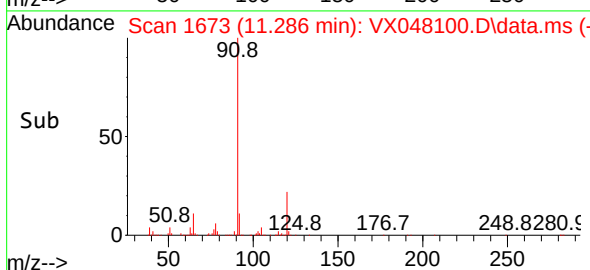
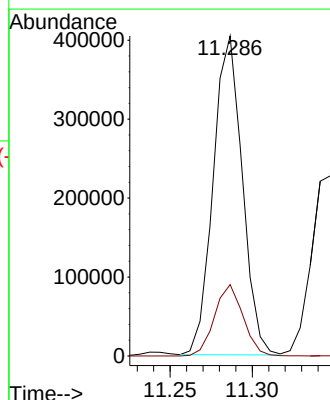
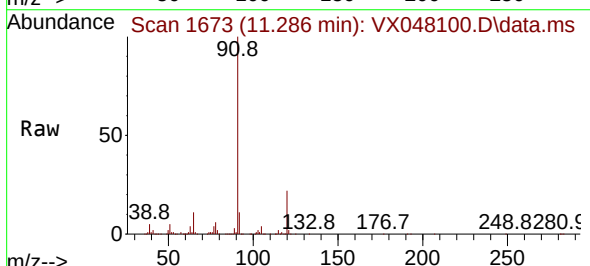
Acq: 10 Oct 2025 10:45

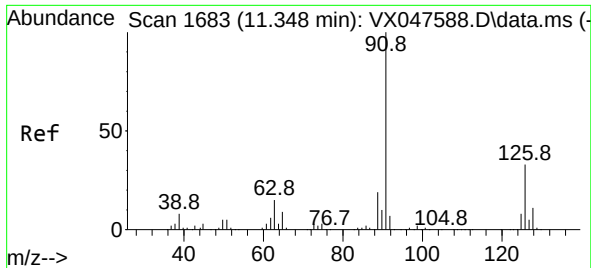
Tgt Ion: 91 Resp: 496845

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.1





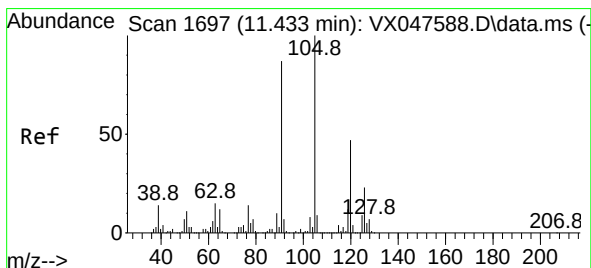
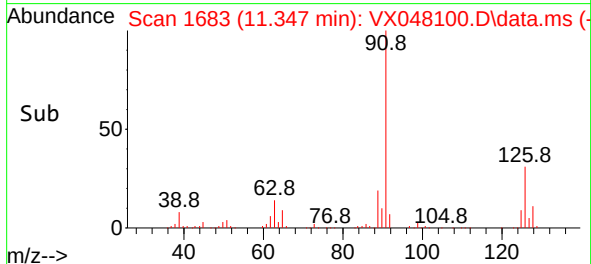
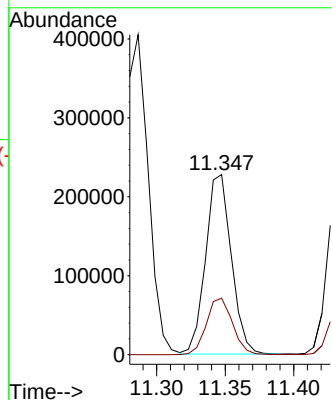
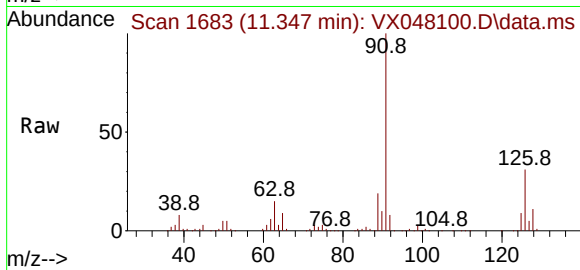
#79
2-Chlorotoluene
Concen: 55.758 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 297049
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.3

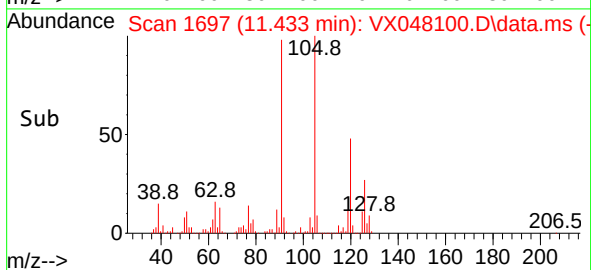
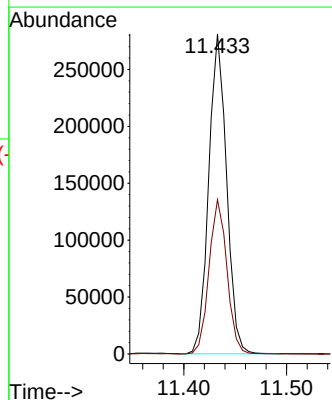
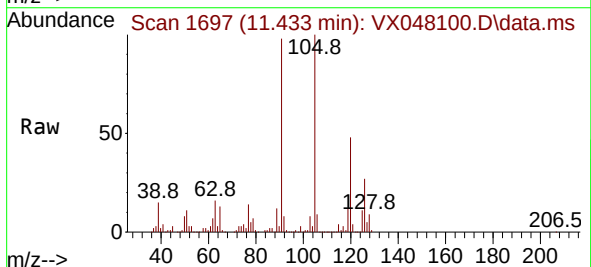
Manual Integrations
APPROVED

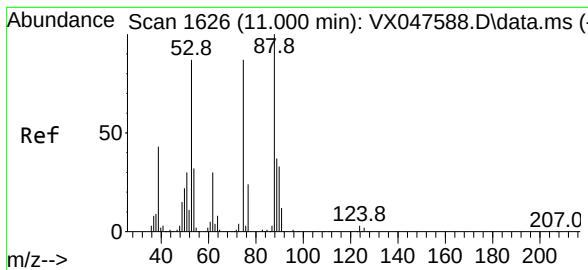
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.914 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 338016
Ion Ratio Lower Upper
105 100
120 48.6 23.6 70.8





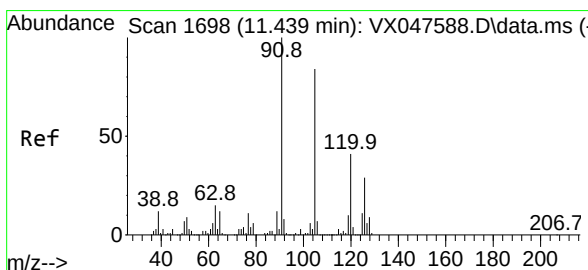
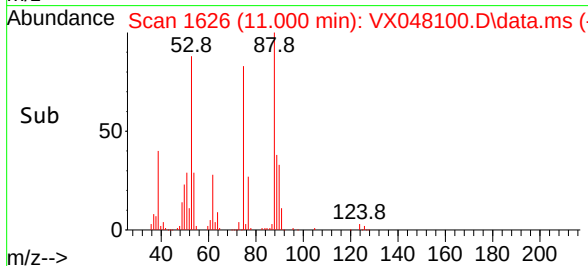
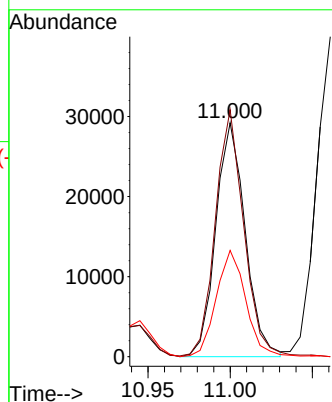
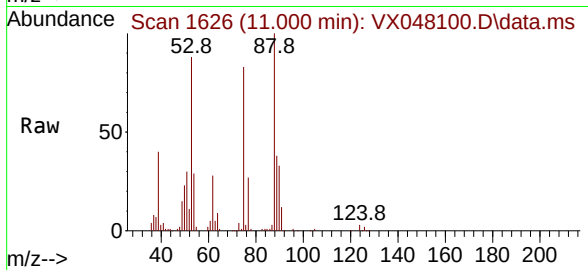
#81
trans-1,4-Dichloro-2-butene
Concen: 47.261 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 36310
Ion Ratio Lower Upper
75 100
53 102.6 83.4 125.2
89 45.9 36.3 54.5

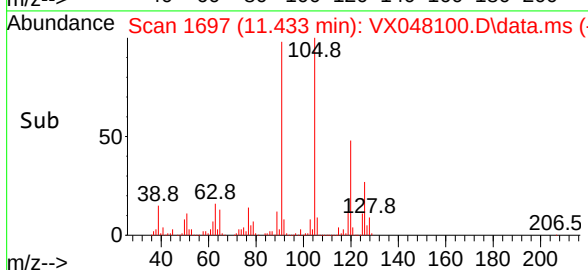
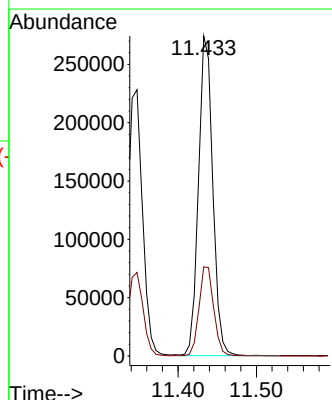
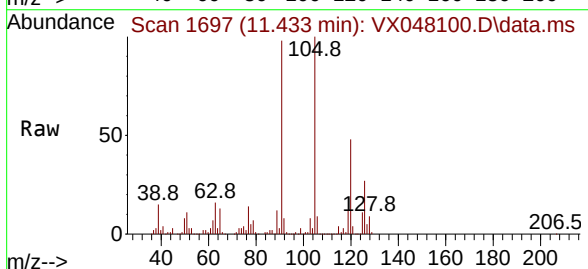
Manual Integrations
APPROVED

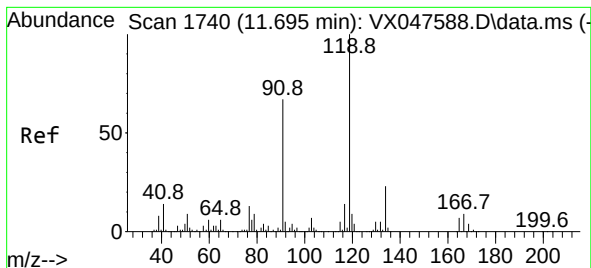
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#82
4-Chlorotoluene
Concen: 55.281 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

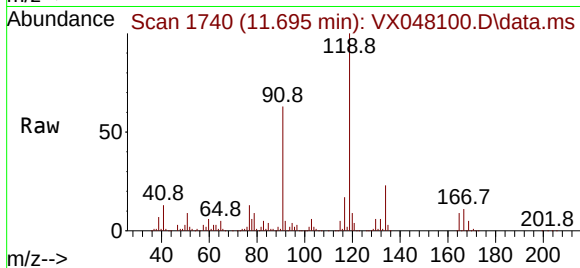
Tgt Ion: 91 Resp: 347825
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 54.322 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

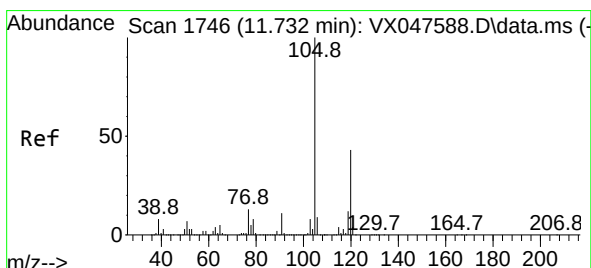
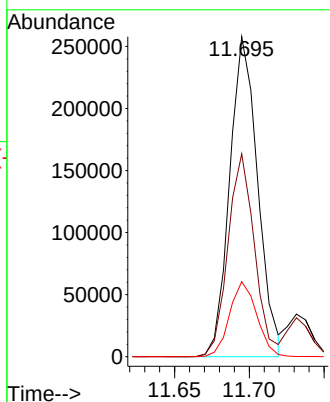
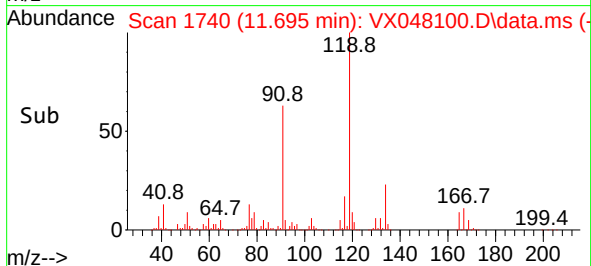
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



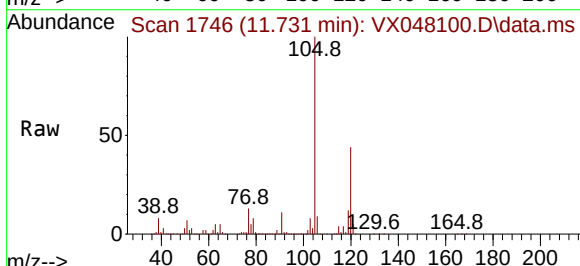
Tgt Ion:119 Resp: 336170
Ion Ratio Lower Upper
119 100
91 60.0 29.6 88.8
134 22.8 11.0 33.0

Manual Integrations
APPROVED

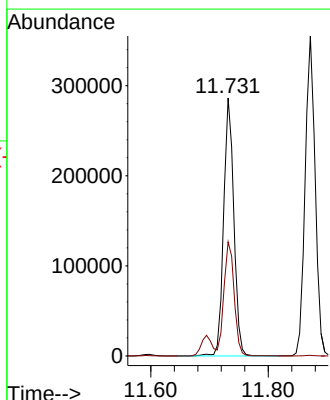
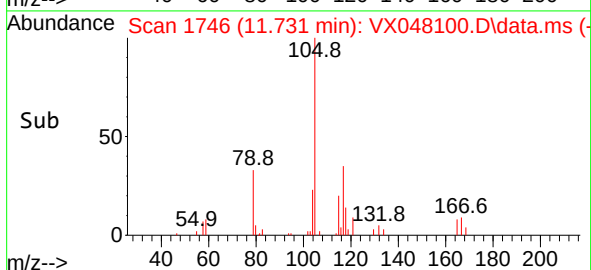
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

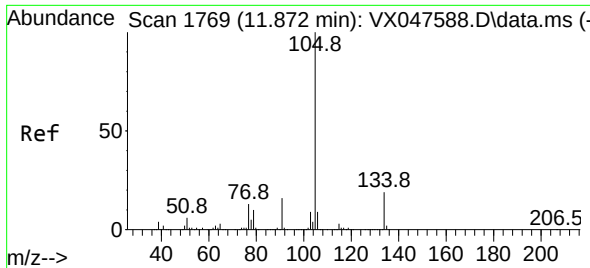


#84
1,2,4-Trimethylbenzene
Concen: 56.322 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



Tgt Ion:105 Resp: 345195
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1





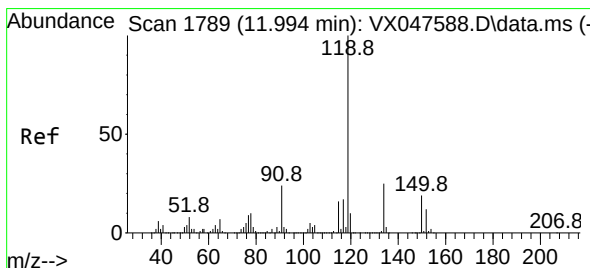
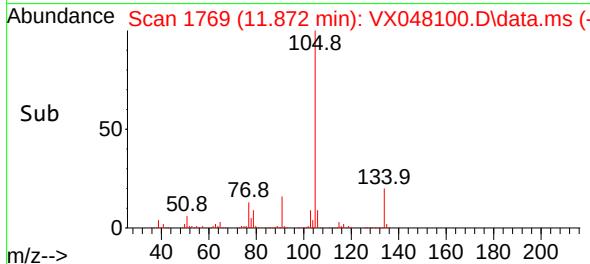
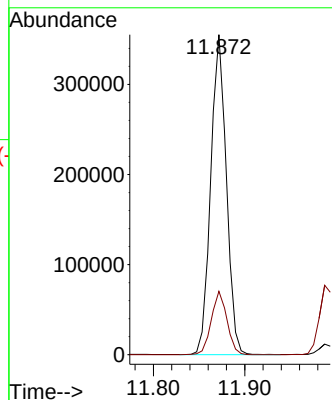
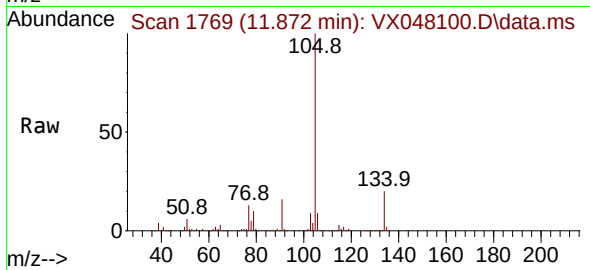
#85
 sec-Butylbenzene
 Concen: 57.181 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048100.D
 Acq: 10 Oct 2025 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 420318
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

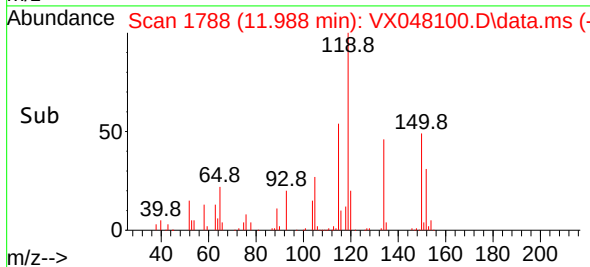
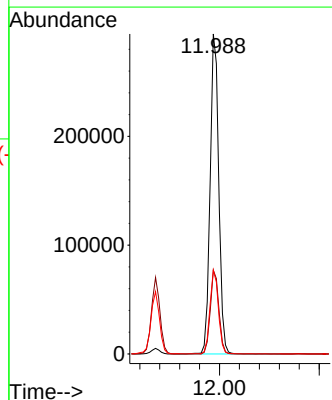
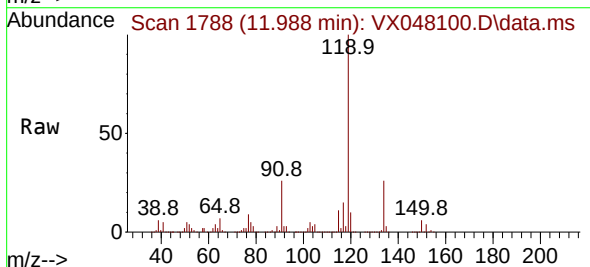
Manual Integrations
 APPROVED

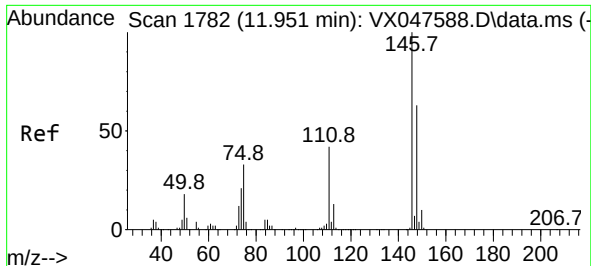
Reviewed By :John Carlone 10/13/2025
 Supervised By :Mahesh Dadoda 10/13/2025



#86
 p-Isopropyltoluene
 Concen: 56.570 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX048100.D
 Acq: 10 Oct 2025 10:45

Tgt Ion:119 Resp: 352041
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.6 12.6 37.6





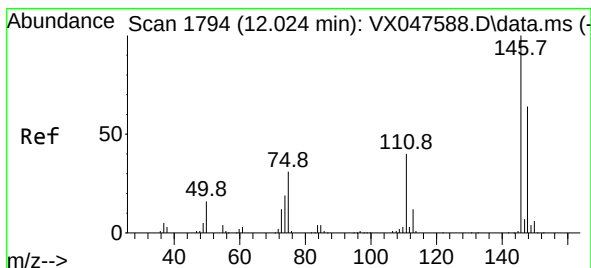
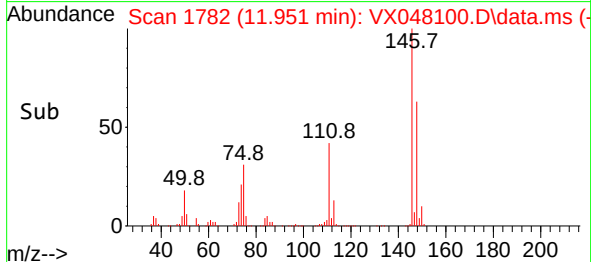
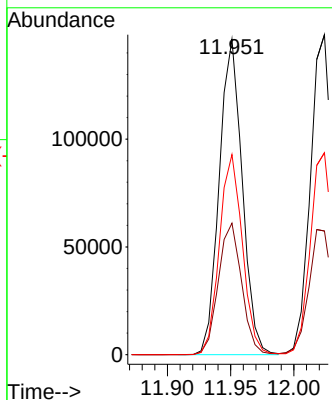
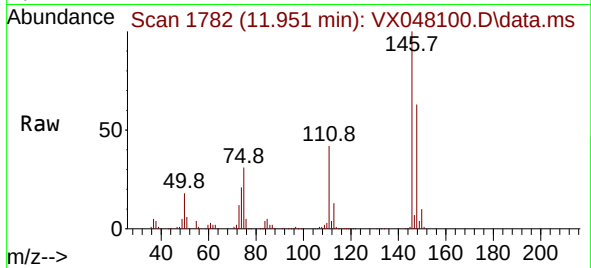
#87
1,3-Dichlorobenzene
Concen: 54.956 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 184980
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 63.6 32.0 96.0

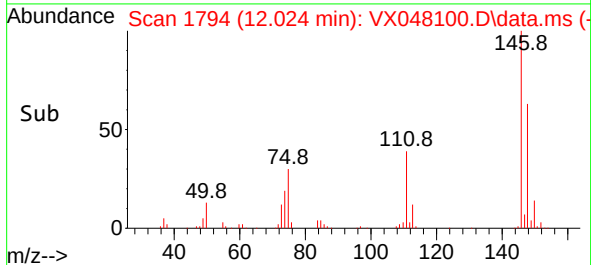
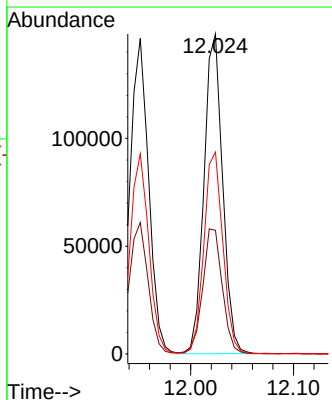
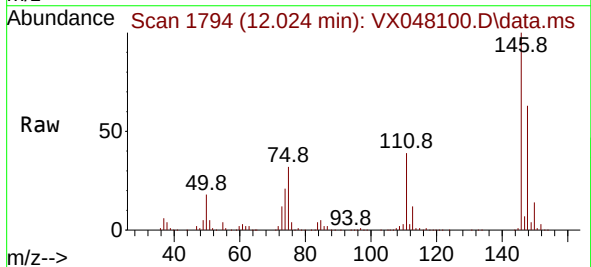
Manual Integrations
APPROVED

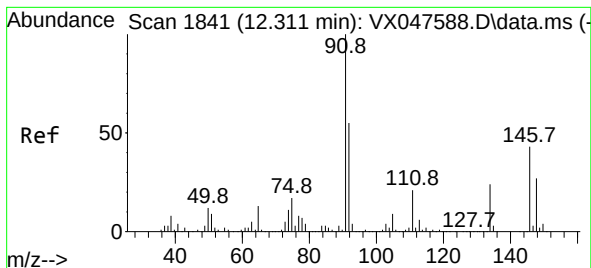
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#88
1,4-Dichlorobenzene
Concen: 54.079 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

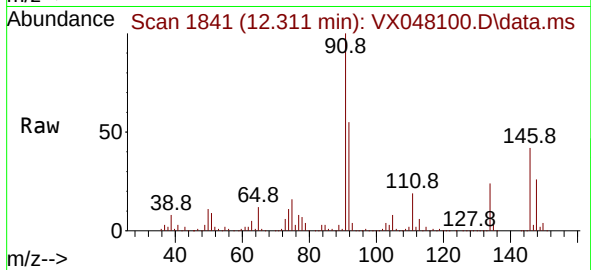
Tgt Ion:146 Resp: 186831
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.4
148 64.5 31.7 95.1





#89
n-Butylbenzene
Concen: 57.851 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

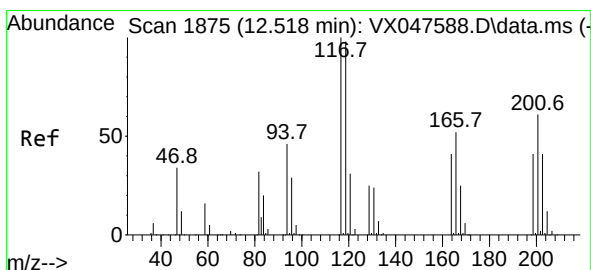
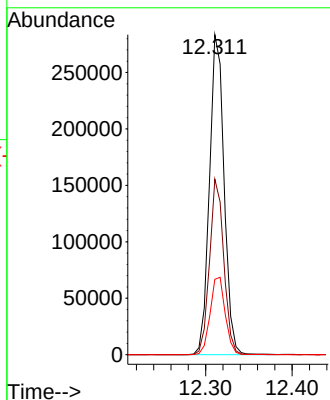
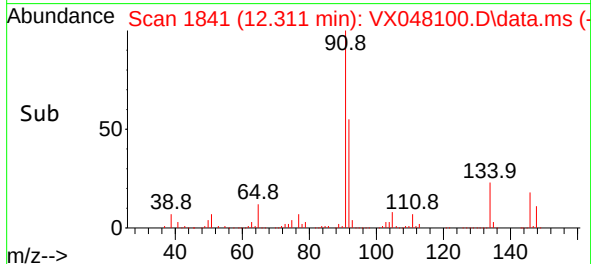
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 333120
Ion Ratio Lower Upper
91 100
92 53.4 27.6 82.7
134 25.0 12.6 37.8

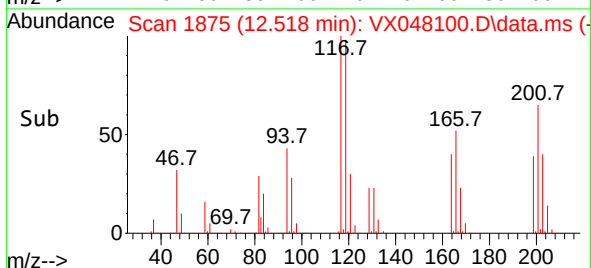
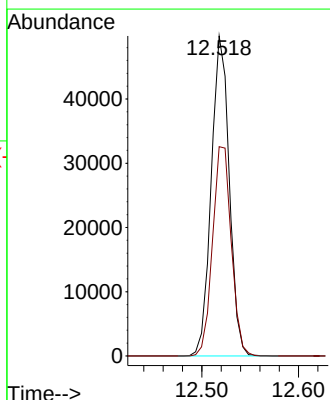
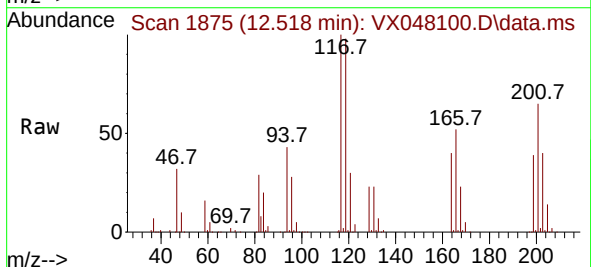
Manual Integrations
APPROVED

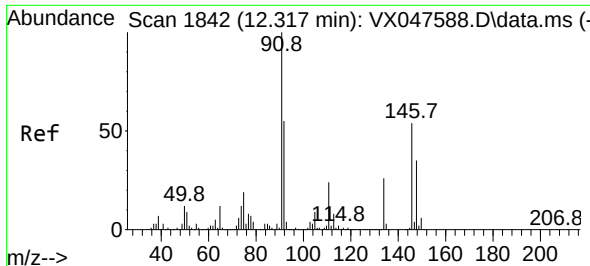
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#90
Hexachloroethane
Concen: 58.920 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

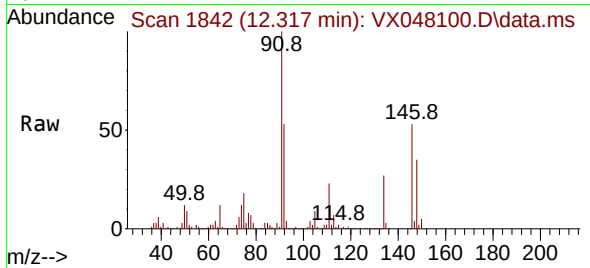
Tgt Ion:117 Resp: 64375
Ion Ratio Lower Upper
117 100
201 68.1 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 54.103 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

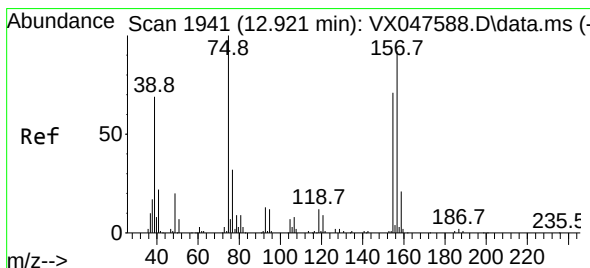
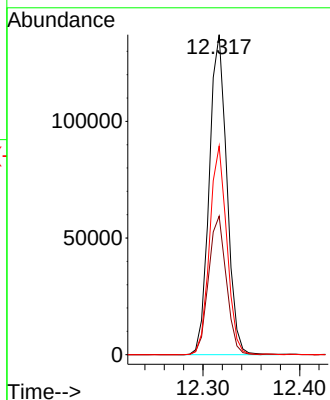
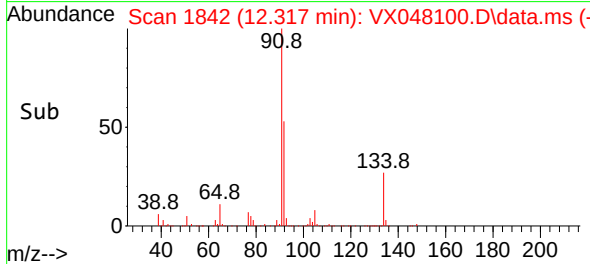
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



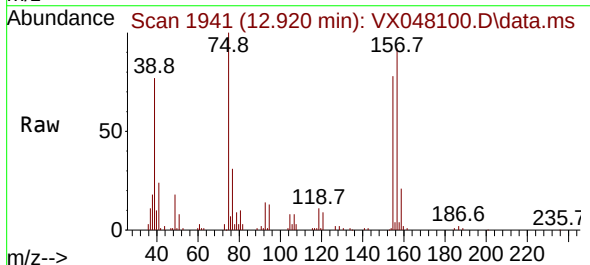
Tgt Ion:146 Resp: 173500
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 64.0 31.8 95.4

Manual Integrations
APPROVED

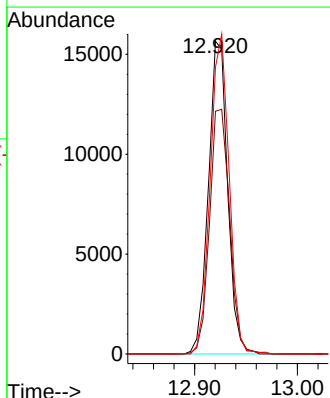
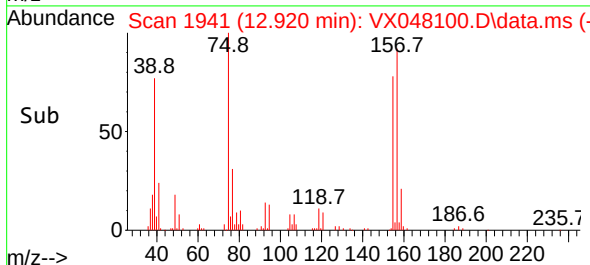
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

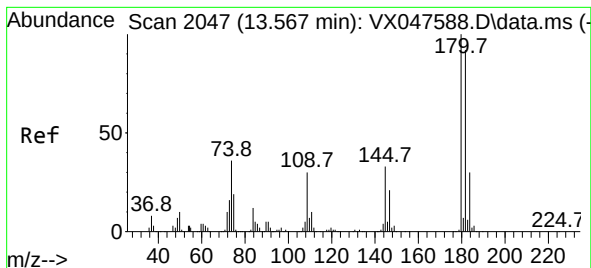


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.201 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45



Tgt Ion: 75 Resp: 20373
Ion Ratio Lower Upper
75 100
155 81.4 37.7 113.1
157 100.1 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 52.181 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048100.D

Acq: 10 Oct 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 10875

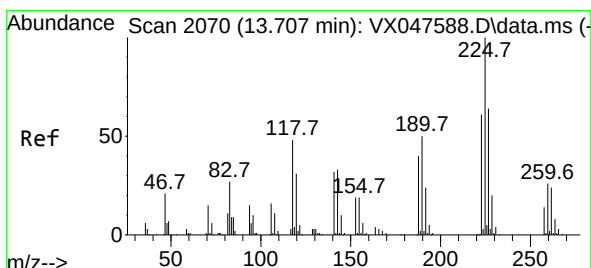
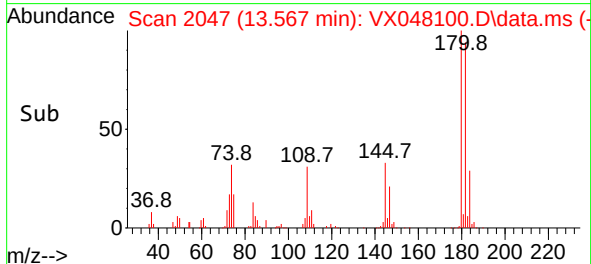
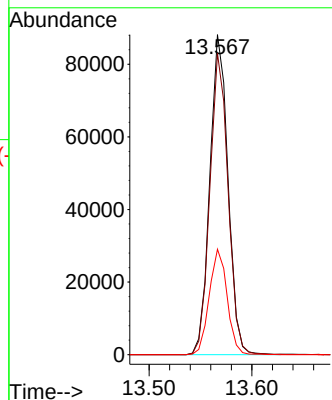
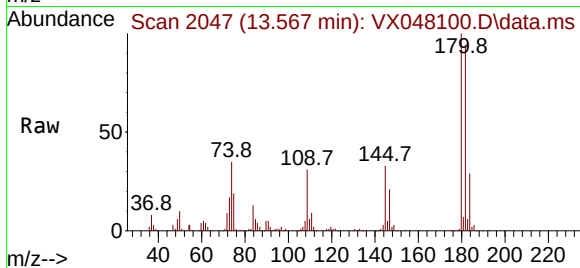
Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.6	139.8
145	32.4	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2025

Supervised By :Mahesh Dadoda 10/13/2025



#94

Hexachlorobutadiene

Concen: 57.698 ug/l

RT: 13.707 min Scan# 2070

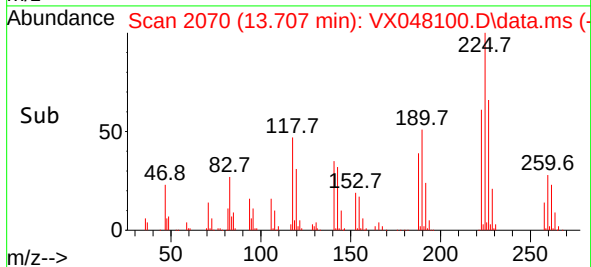
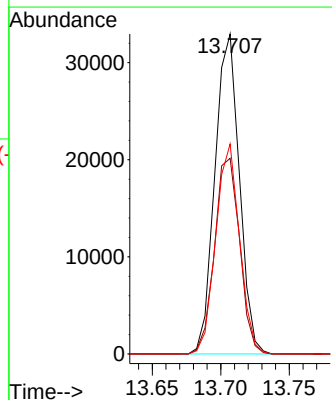
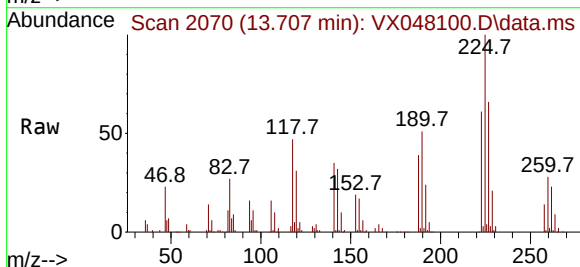
Delta R.T. -0.000 min

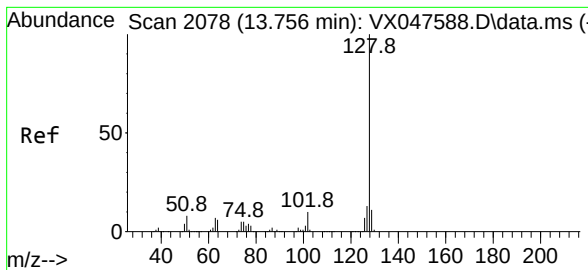
Lab File: VX048100.D

Acq: 10 Oct 2025 10:45

Tgt Ion:225 Resp: 40846

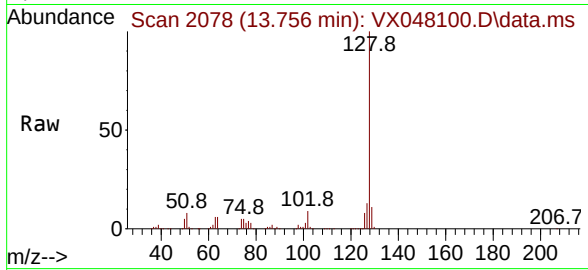
Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	63.9	32.0	96.0





#95
Naphthalene
Concen: 47.508 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

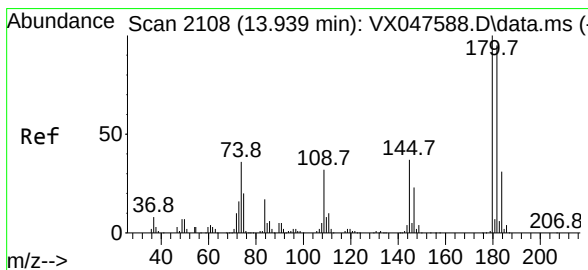
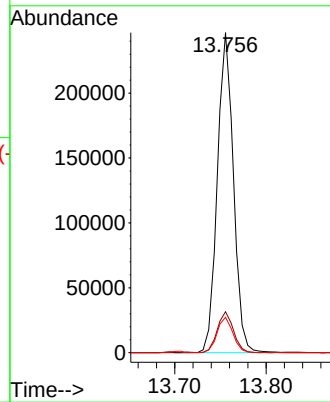
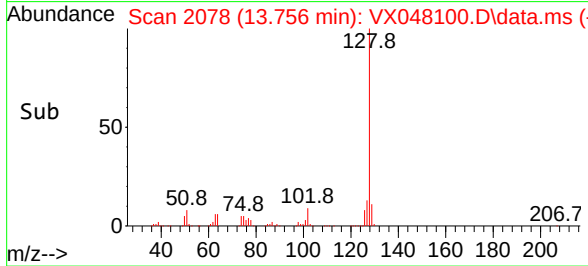
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 301510
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.220 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:180 Resp: 103180
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.8
145 34.7 17.9 53.7

