

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048402.D
 Acq On : 28 Oct 2025 16:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 29 01:21:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/29/2025
 Supervised By : Mahesh Dadoda 10/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	162270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	279193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109990	48.344	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.680%		
35) Dibromofluoromethane	5.373	113	75854	39.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	79.600%		
50) Toluene-d8	8.635	98	314692	47.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.200%		
62) 4-Bromofluorobenzene	11.061	95	118322	46.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	68460	41.039	ug/l	97
3) Chloromethane	1.301	50	35783	22.981	ug/l	97
4) Vinyl Chloride	1.380	62	93857	65.094	ug/l	100
5) Bromomethane	1.618	94	33297	34.028	ug/l	98
6) Chloroethane	1.697	64	57409	67.758	ug/l	98
7) Trichlorofluoromethane	1.898	101	150559	54.446	ug/l	98
8) Diethyl Ether	2.136	74	56938	73.177	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	86602	49.456	ug/l	98
10) Methyl Iodide	2.459	142	318311	144.597	ug/l	99
11) Tert butyl alcohol	2.941	59	44242	195.854	ug/l	99
12) 1,1-Dichloroethene	2.325	96	85649	50.275	ug/l	92
13) Acrolein	2.233	56	56854	246.778	ug/l	98
14) Allyl chloride	2.666	41	144395	51.051	ug/l	99
15) Acrylonitrile	3.056	53	198367	243.531	ug/l	99
16) Acetone	2.374	43	136336	174.677	ug/l	100
17) Carbon Disulfide	2.520	76	224233	41.763	ug/l	99
18) Methyl Acetate	2.697	43	86541	53.092	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	284837	49.010	ug/l	100
20) Methylene Chloride	2.788	84	95830	50.389	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	90690	48.463	ug/l	96
22) Diisopropyl ether	3.751	45	319355	56.609	ug/l	95
23) Vinyl Acetate	3.715	43	1064799	236.286	ug/l	98
24) 1,1-Dichloroethane	3.605	63	175233	51.370	ug/l	100
25) 2-Butanone	4.538	43	207473	210.011	ug/l	98
26) 2,2-Dichloropropane	4.471	77	147498	47.905	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	110602	50.643	ug/l	100
28) Bromochloromethane	4.885	49	72152	51.012	ug/l	95
29) Tetrahydrofuran	4.989	42	144912	244.922	ug/l	99
30) Chloroform	5.087	83	179857	49.351	ug/l	97
31) Cyclohexane	5.465	56	142883	50.594	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	157857	46.998	ug/l	99
36) 1,1-Dichloropropene	5.678	75	117800	43.483	ug/l	100
37) Ethyl Acetate	4.696	43	109610	48.813	ug/l	98
38) Carbon Tetrachloride	5.666	117	133559	39.960	ug/l	99
39) Methylcyclohexane	7.367	83	147503	46.103	ug/l	97
40) Benzene	6.025	78	371537	47.237	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	54139	45.911	ug/l	95
42) 1,2-Dichloroethane	6.074	62	131424	45.281	ug/l	99
43) Isopropyl Acetate	6.324	43	173825	47.127	ug/l	97
44) Trichloroethene	7.111	130	94556	45.528	ug/l	100
45) 1,2-Dichloropropane	7.415	63	92885	49.670	ug/l	100
46) Dibromomethane	7.568	93	65208	44.758	ug/l	97
47) Bromodichloromethane	7.806	83	141481	44.976	ug/l	99
48) Methyl methacrylate	7.678	41	87355	46.934	ug/l	98
49) 1,4-Dioxane	7.647	88	19185	780.214	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	487911	229.426	ug/l	98
52) Toluene	8.702	92	233730	46.776	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	128551	42.407	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	135184	41.333	ug/l	96
55) 1,1,2-Trichloroethane	9.135	97	85502	46.013	ug/l	96
56) Ethyl methacrylate	9.104	69	127394	46.872	ug/l	97
57) 1,3-Dichloropropane	9.293	76	148140	46.672	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	348064	238.247	ug/l	98
59) 2-Hexanone	9.415	43	324245	218.657	ug/l	98
60) Dibromochloromethane	9.507	129	104456	41.823	ug/l	99
61) 1,2-Dibromoethane	9.592	107	86625	43.728	ug/l	98
64) Tetrachloroethene	9.257	164	85610	46.485	ug/l	97
65) Chlorobenzene	10.061	112	258745	46.625	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.147	131	89226	43.774	ug/l	99
67) Ethyl Benzene	10.177	91	441986	46.779	ug/l	99
68) m/p-Xylenes	10.287	106	336195	95.767	ug/l	97
69) o-Xylene	10.622	106	160741	47.427	ug/l	98
70) Styrene	10.640	104	278572	48.271	ug/l	99
71) Bromoform	10.781	173	64296	39.467	ug/l #	99
73) Isopropylbenzene	10.945	105	420457	47.774	ug/l	100
74) N-amyl acetate	10.823	43	151780	48.619	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	105996	44.102	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	95457m	48.851	ug/l	
77) Bromobenzene	11.183	156	101604	46.042	ug/l	99
78) n-propylbenzene	11.287	91	495660	48.641	ug/l	99
79) 2-Chlorotoluene	11.348	91	296136	47.933	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	346016	47.508	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	22838	28.435	ug/l #	73
82) 4-Chlorotoluene	11.433	91	345154	47.062	ug/l	99
83) tert-Butylbenzene	11.695	119	353317	47.214	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	348942	48.006	ug/l	99
85) sec-Butylbenzene	11.872	105	437614	48.606	ug/l	100
86) p-Isopropyltoluene	11.988	119	370197	47.571	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	187537	45.079	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	190310	44.158	ug/l	100
89) n-Butylbenzene	12.311	91	341898	48.270	ug/l	99
90) Hexachloroethane	12.518	117	63560	41.360	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	177152	45.355	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	20094	41.188	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	120214	45.511	ug/l	100
94) Hexachlorobutadiene	13.707	225	49049	49.555	ug/l	100
95) Naphthalene	13.756	128	321656	45.963	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	113007	46.623	ug/l	98

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

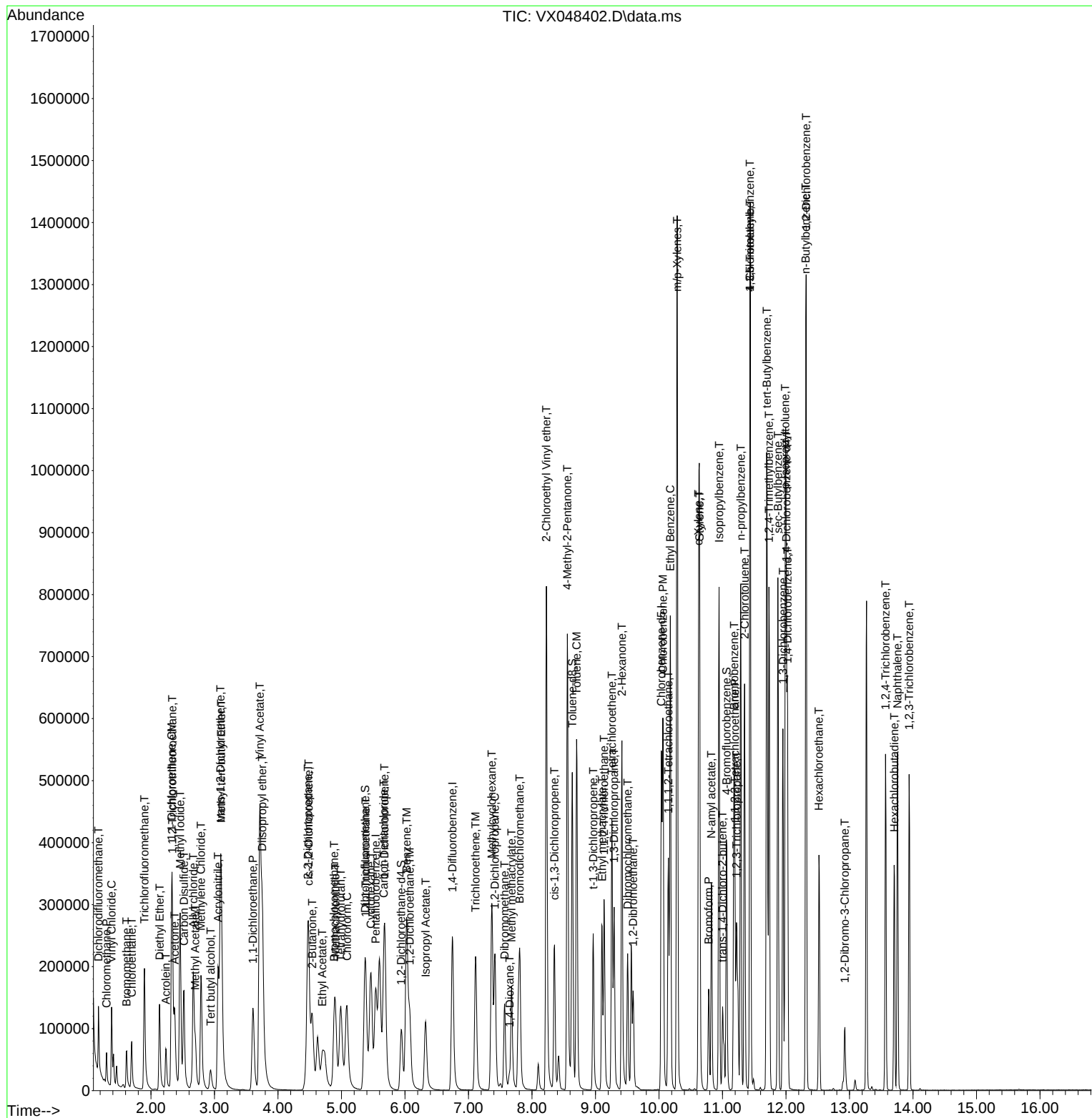
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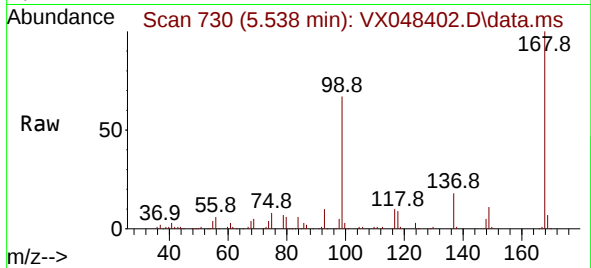
Reviewed By :John Carlone 10/29/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048402.D
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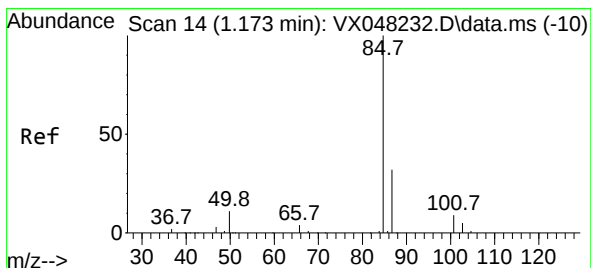
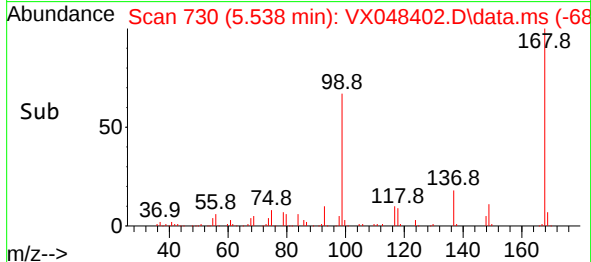
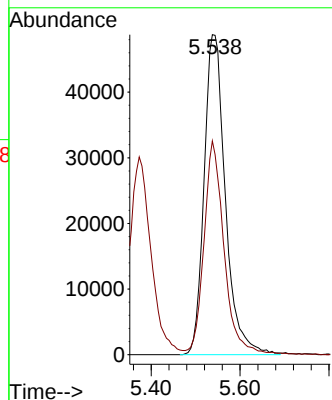
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Tgt Ion:168 Resp: 162270
Ion Ratio Lower Upper
168 100
99 66.4 46.4 69.6

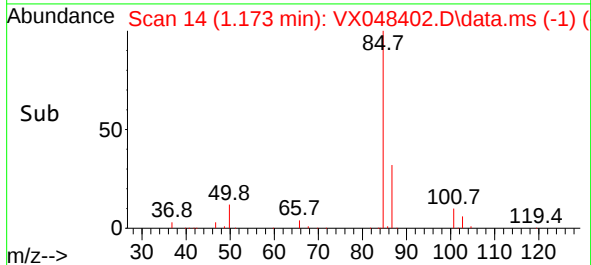
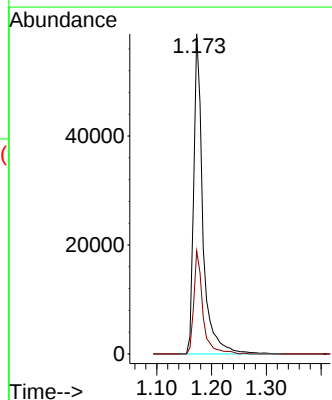
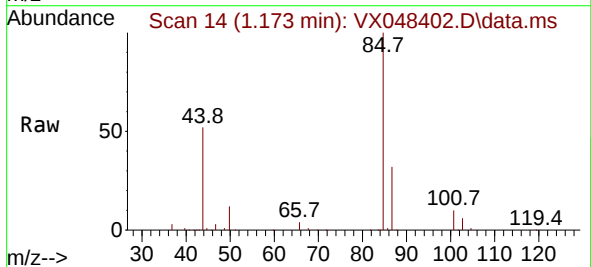
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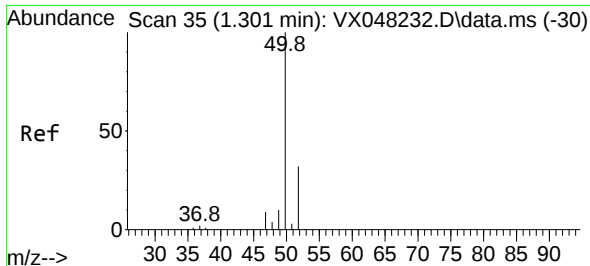
Reviewed By :John Carlone 10/29/2025
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#2
Dichlorodifluoromethane
Concen: 41.039 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

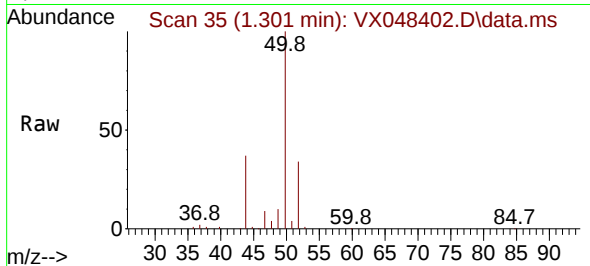
Tgt Ion: 85 Resp: 68460
Ion Ratio Lower Upper
85 100
87 32.2 15.3 45.9





#3
Chloromethane
Concen: 22.981 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

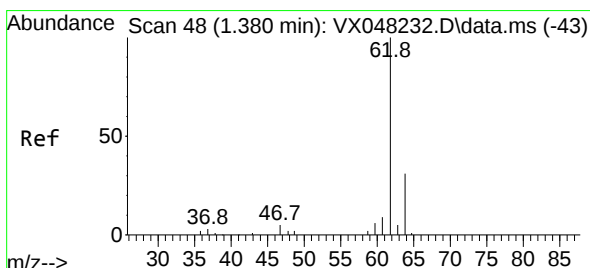
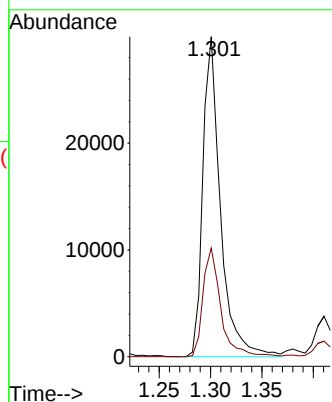
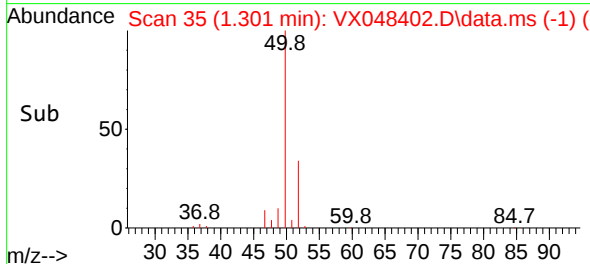
Instrument :
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Tgt Ion: 50 Resp: 3578
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9

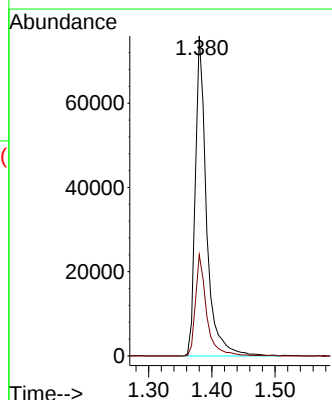
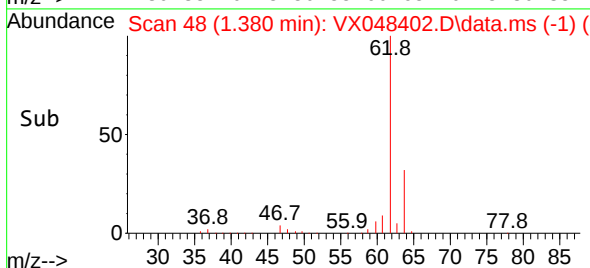
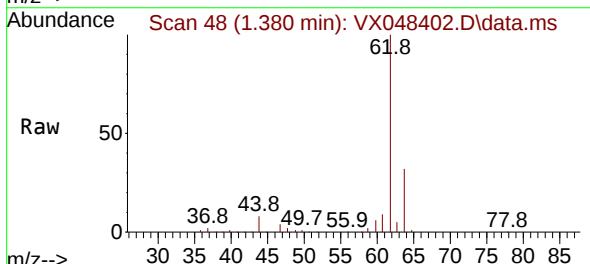
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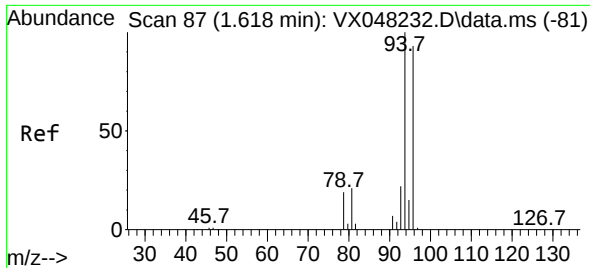
Reviewed By :John Carlone 10/29/2025
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#4
Vinyl Chloride
Concen: 65.094 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

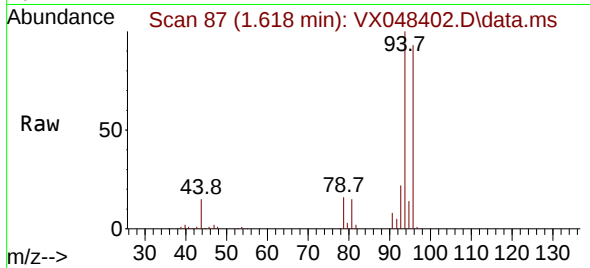
Tgt Ion: 62 Resp: 93857
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7





#5
Bromomethane
Concen: 34.028 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

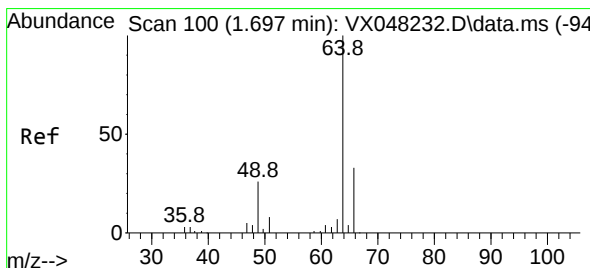
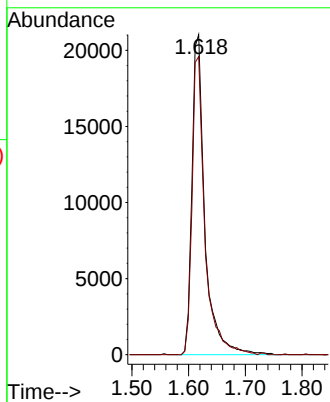
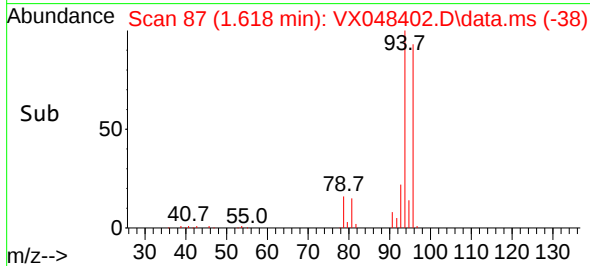
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Tgt Ion: 94 Resp: 3329
Ion Ratio Lower Upper
94 100
96 93.2 76.0 114.0

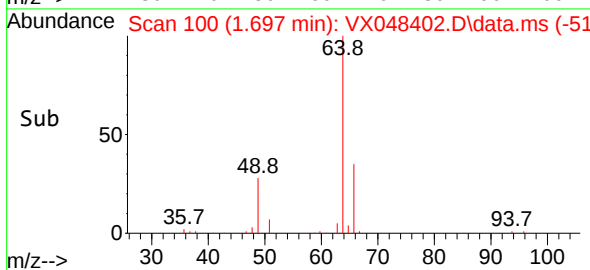
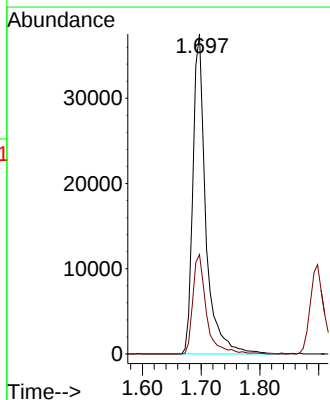
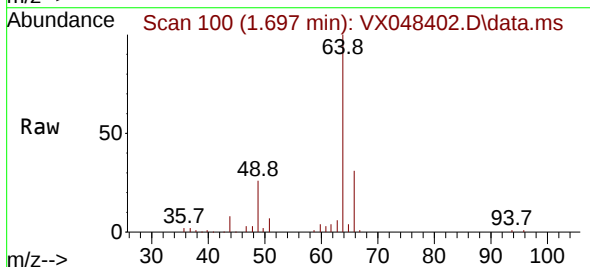
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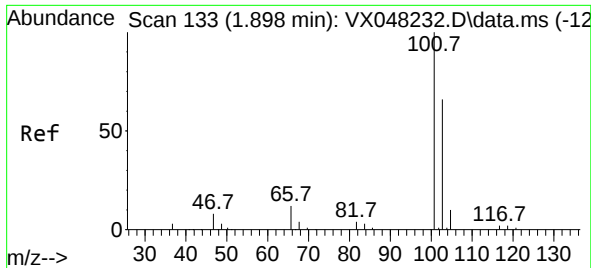
Reviewed By :John Carlone 10/29/2025
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#6
Chloroethane
Concen: 67.758 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

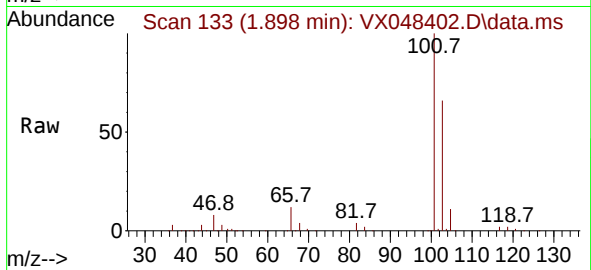
Tgt Ion: 64 Resp: 57409
Ion Ratio Lower Upper
64 100
66 31.1 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 54.446 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048402.D
 Acq: 28 Oct 2025 16:12

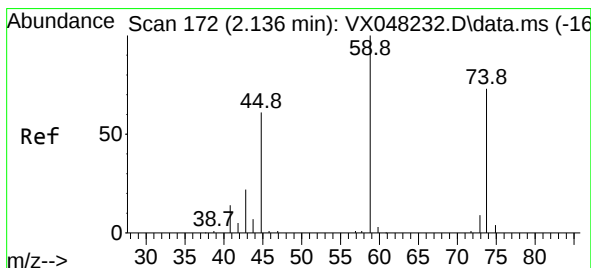
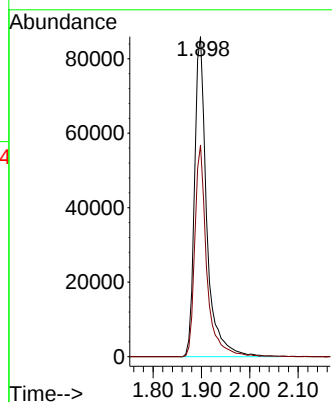
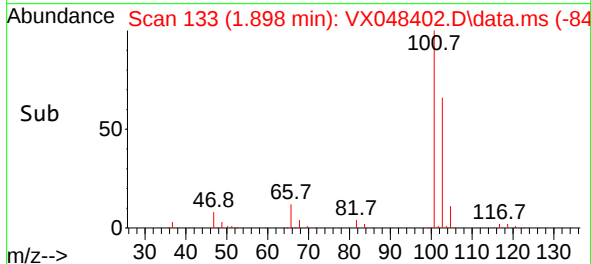
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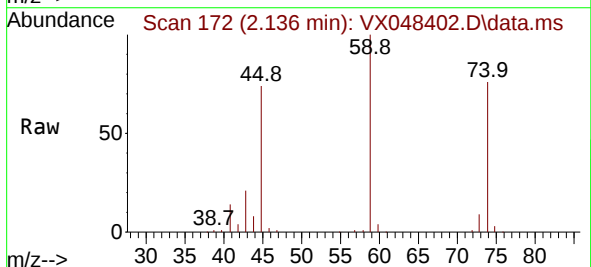
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 Ion Ratio Lower Upper
 101 100
 103 66.2 51.6 77.4

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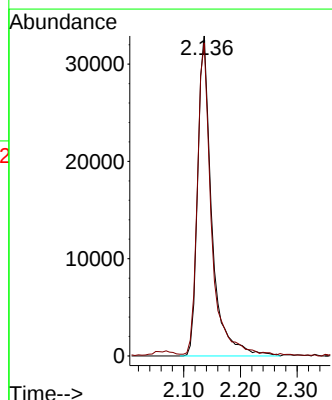
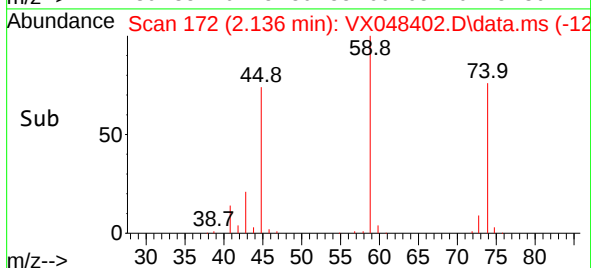
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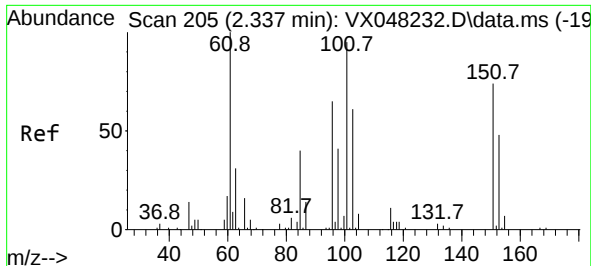


#8
 Diethyl Ether
 Concen: 73.177 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048402.D
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Tgt Ion: 74 Resp: 56938
 Ion Ratio Lower Upper
 74 100
 45 96.8 50.0 149.8





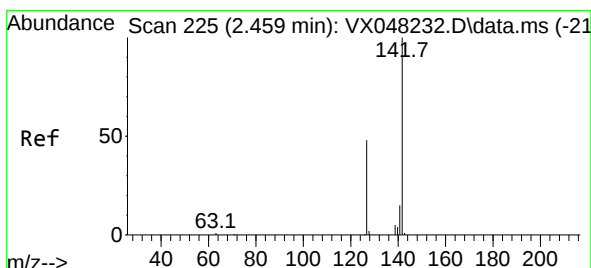
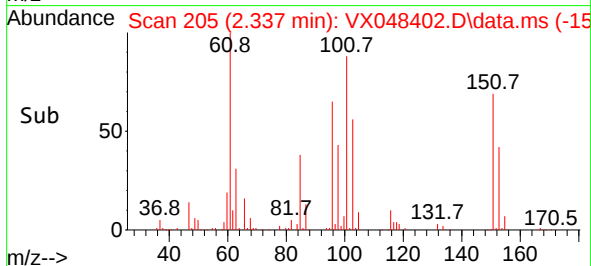
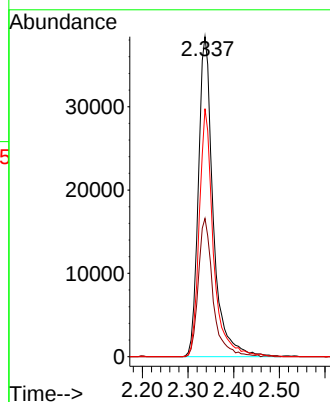
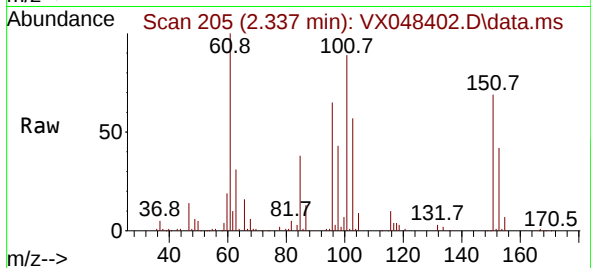
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.456 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 86602
Ion Ratio Lower Upper
101 100
85 43.0 35.6 53.4
151 74.2 58.0 87.0

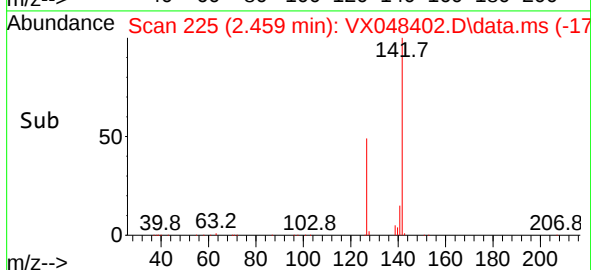
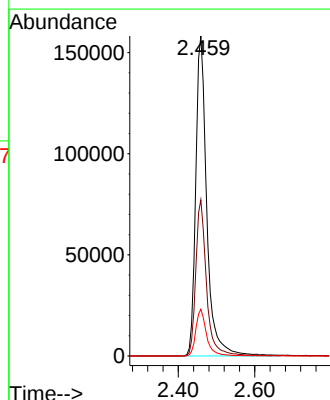
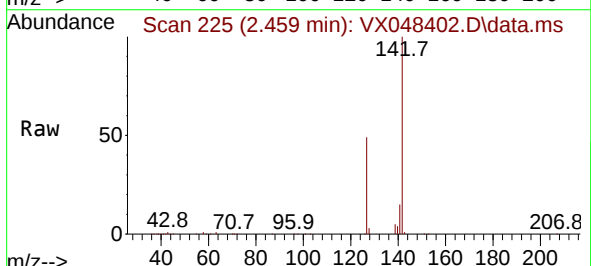
Manual Integrations
APPROVED

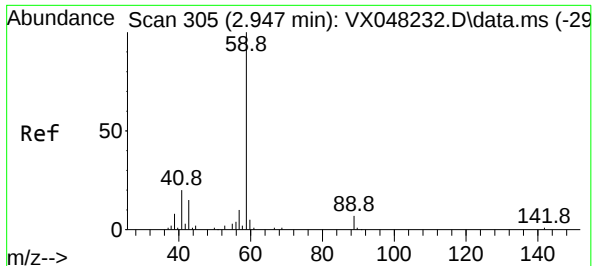
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#10
Methyl Iodide
Concen: 144.597 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion:142 Resp: 318311
Ion Ratio Lower Upper
142 100
127 47.1 38.5 57.7
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 195.854 ug/l

RT: 2.941 min Scan# 305

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 4424

Ion Ratio Lower Upper

59 100

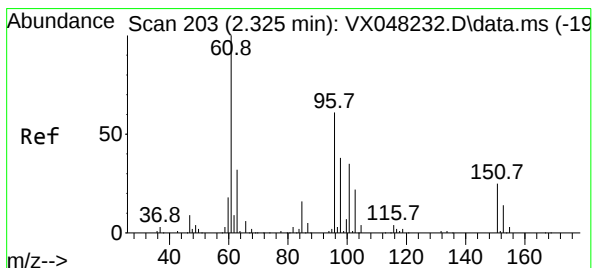
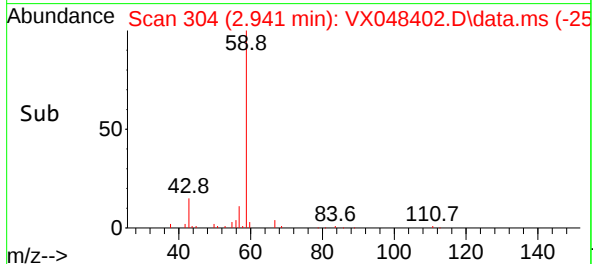
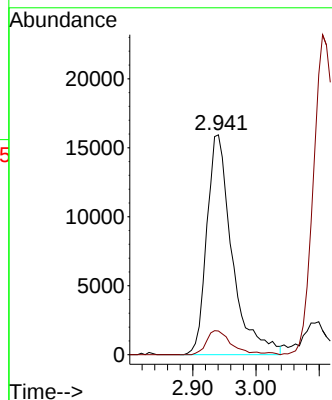
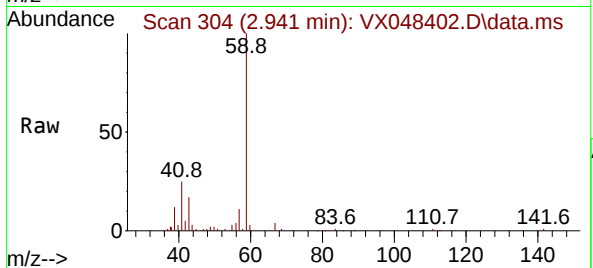
57 10.8 8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#12

1,1-Dichloroethene

Concen: 50.275 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

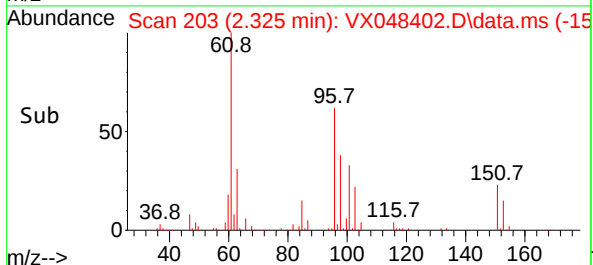
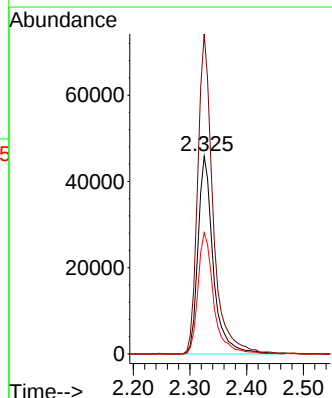
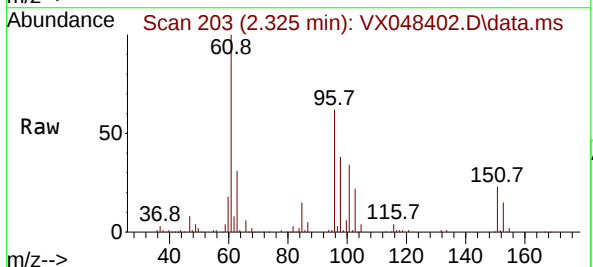
Tgt Ion: 96 Resp: 85649

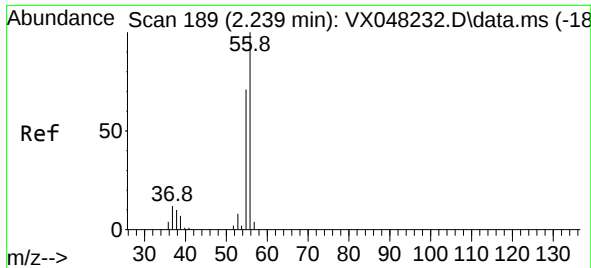
Ion Ratio Lower Upper

96 100

61 161.8 139.0 208.6

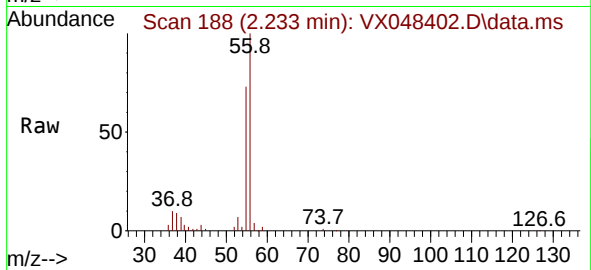
98 61.3 52.4 78.6





#13
Acrolein
Concen: 246.778 ug/l
RT: 2.233 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

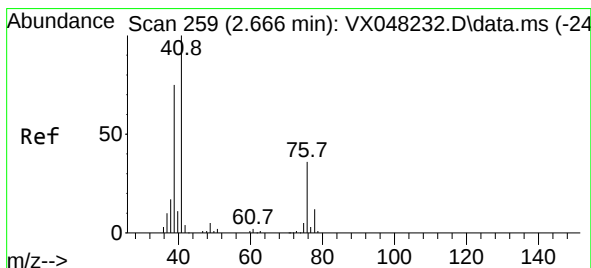
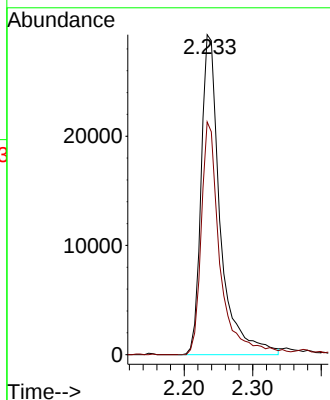
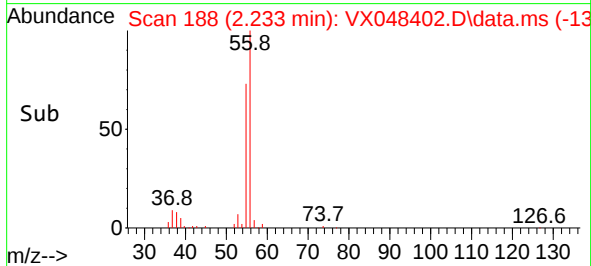
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 56854
Ion Ratio Lower Upper
56 100
55 71.5 56.1 84.1

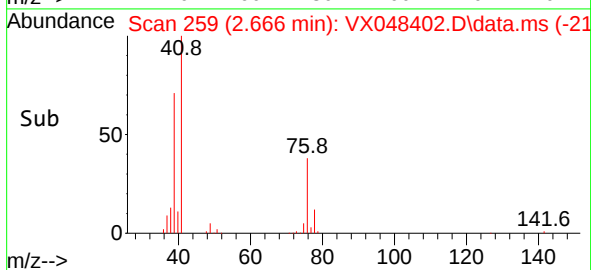
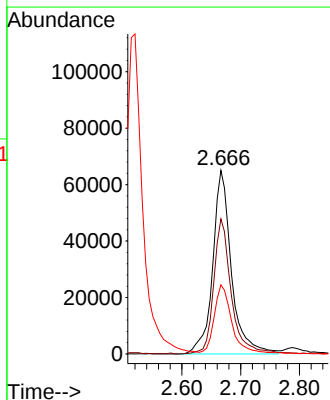
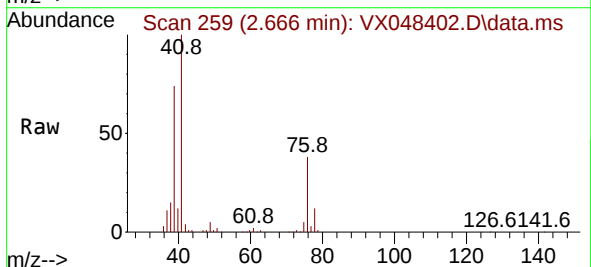
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#14
Allyl chloride
Concen: 51.051 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

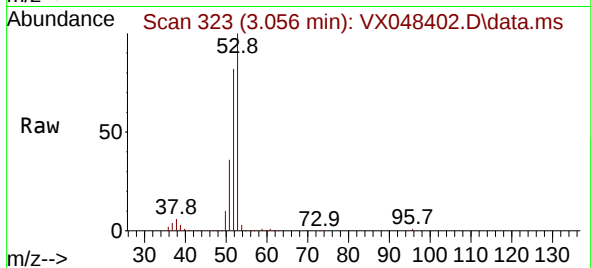
Tgt Ion: 41 Resp: 144395
Ion Ratio Lower Upper
41 100
39 69.1 56.0 84.0
76 35.1 27.5 41.3





#15
Acrylonitrile
Concen: 243.531 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

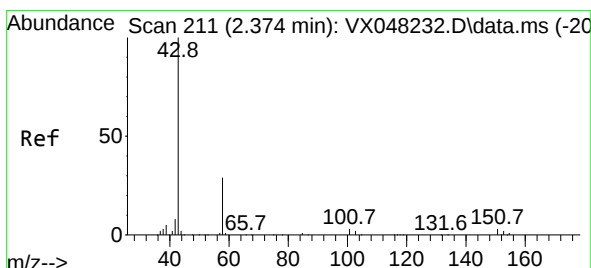
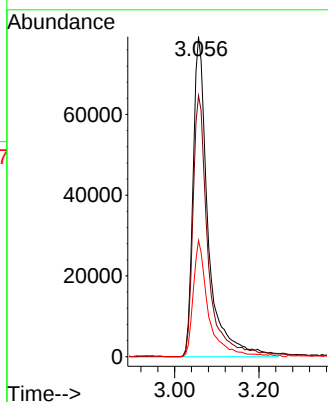
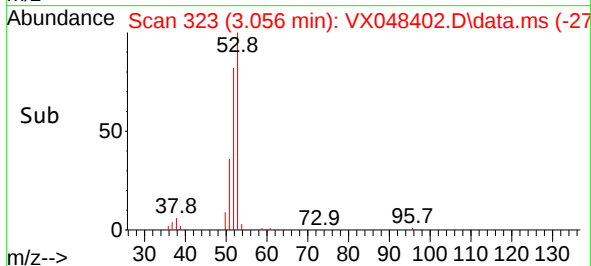
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 19836
Ion Ratio Lower Upper
53 100
52 81.4 66.1 99.1
51 36.4 29.0 43.4

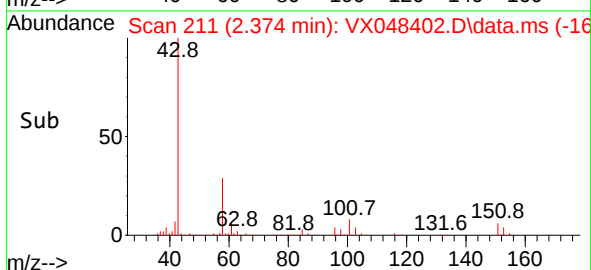
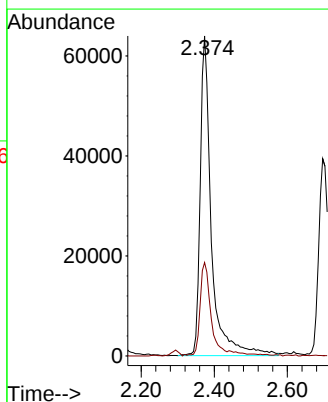
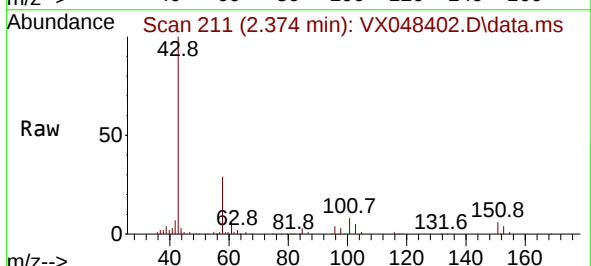
Manual Integrations
APPROVED

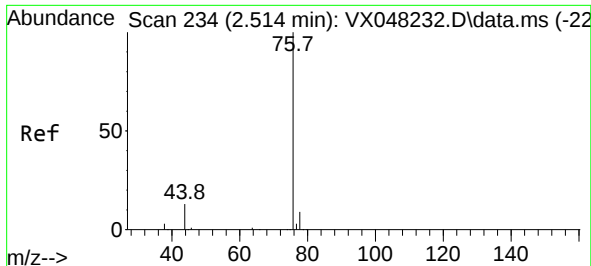
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#16
Acetone
Concen: 174.677 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

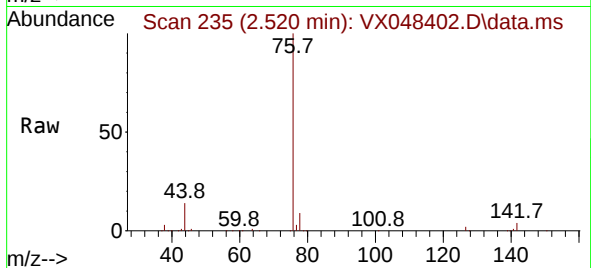
Tgt Ion: 43 Resp: 136336
Ion Ratio Lower Upper
43 100
58 29.1 23.4 35.2





#17
Carbon Disulfide
Concen: 41.763 ug/l
RT: 2.520 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

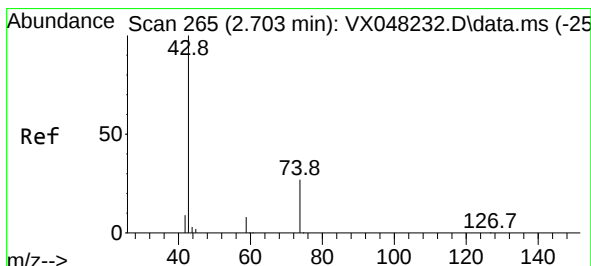
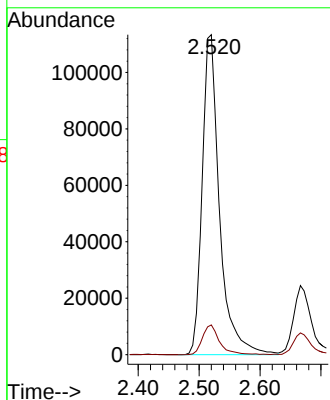
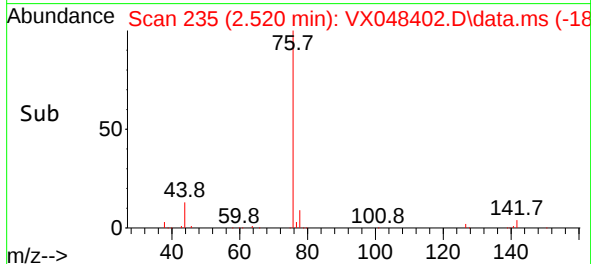
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 22423
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

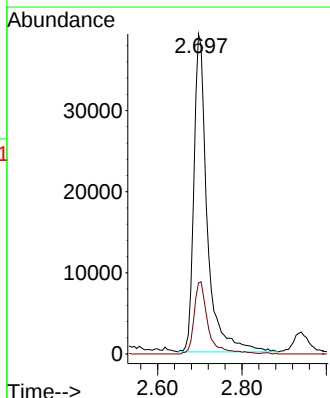
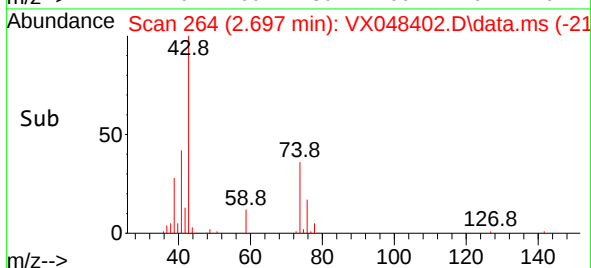
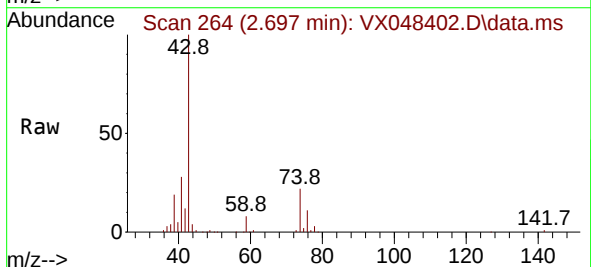
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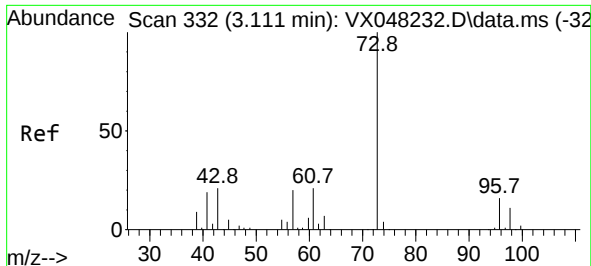
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#18
Methyl Acetate
Concen: 53.092 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

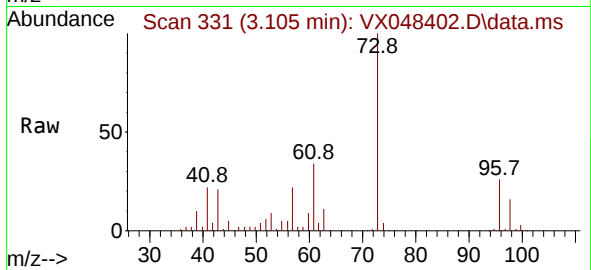
Tgt Ion: 43 Resp: 86541
Ion Ratio Lower Upper
43 100
74 23.7 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 49.010 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

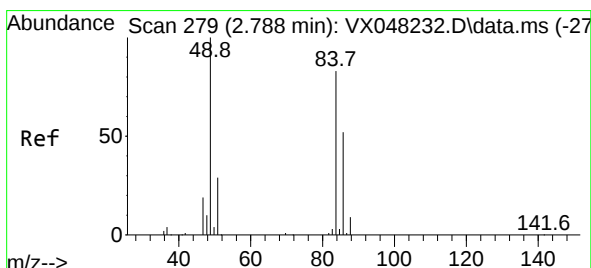
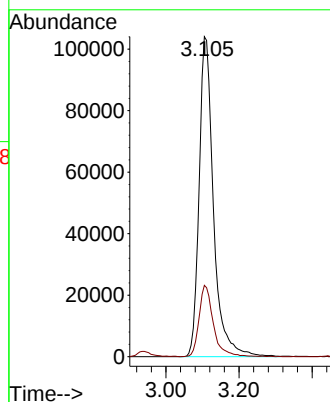
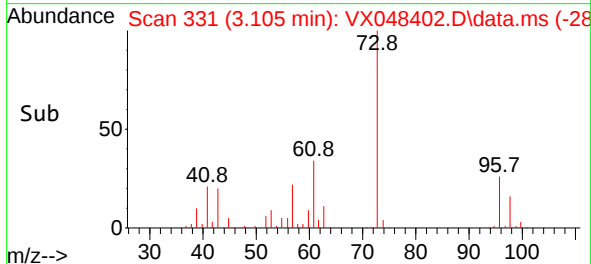
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 28483
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

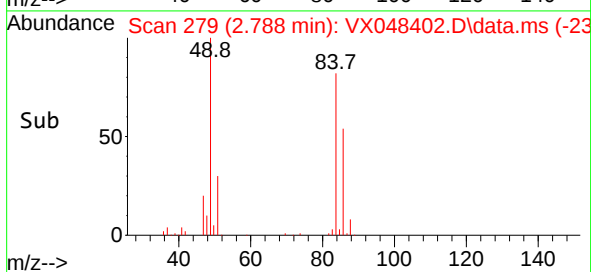
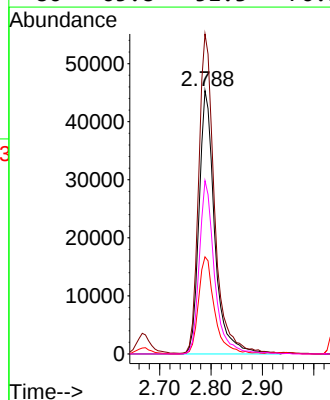
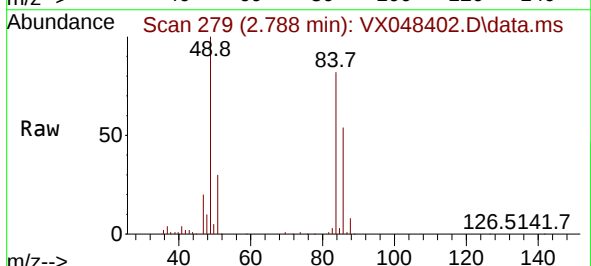
Manual Integrations
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Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#20
Methylene Chloride
Concen: 50.389 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

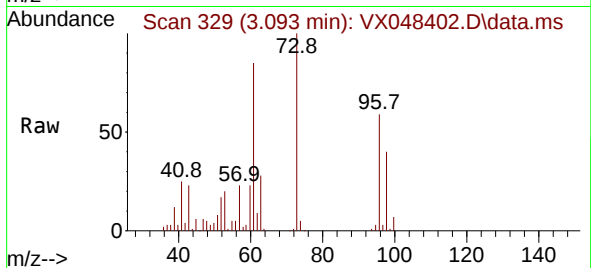
Tgt Ion: 84 Resp: 95830
Ion Ratio Lower Upper
84 100
49 121.2 104.1 156.1
51 36.9 31.3 46.9
86 65.8 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 48.463 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

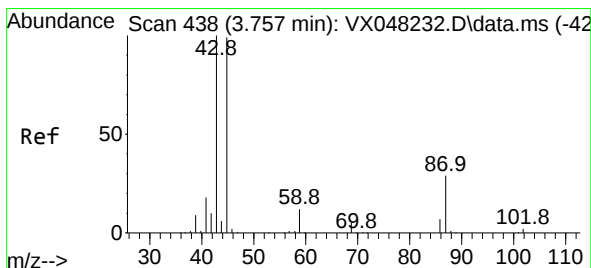
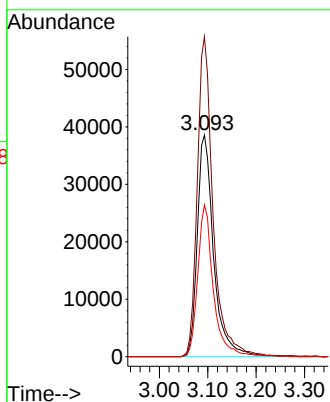
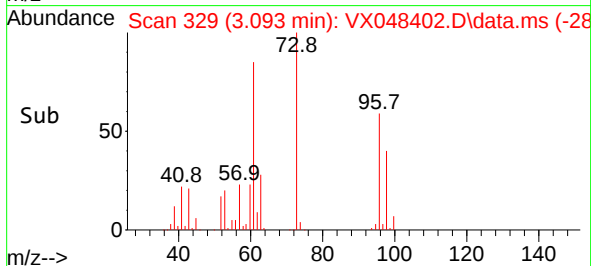
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



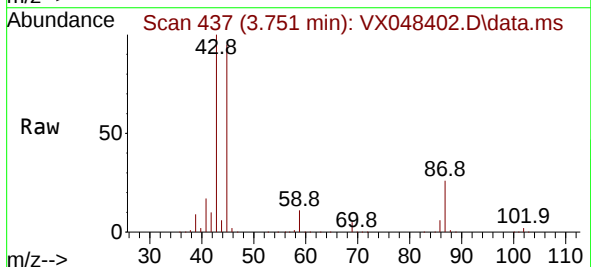
Tgt Ion: 96 Resp: 90690
Ion Ratio Lower Upper
96 100
61 144.3 111.9 167.9
98 68.4 51.2 76.8

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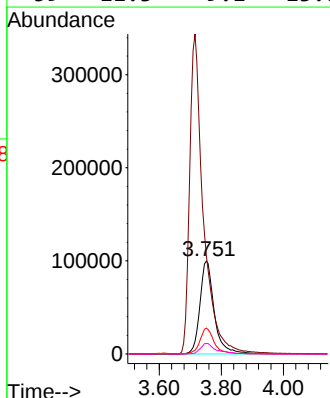
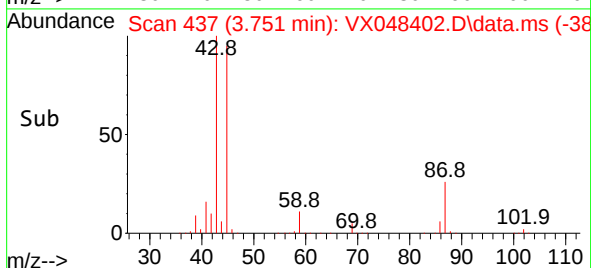
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

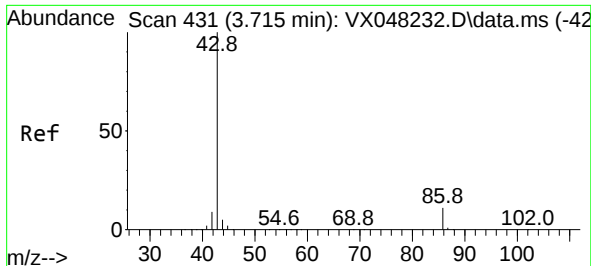


#22
Diisopropyl ether
Concen: 56.609 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12



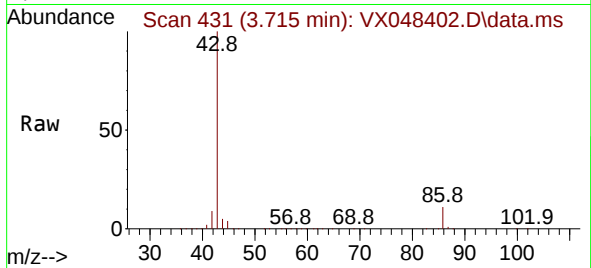
Tgt Ion: 45 Resp: 319355
Ion Ratio Lower Upper
45 100
43 105.6 89.8 134.8
87 27.8 20.6 31.0
59 11.3 9.1 13.7





#23
 Vinyl Acetate
 Concen: 236.286 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX048402.D
 Acq: 28 Oct 2025 16:12

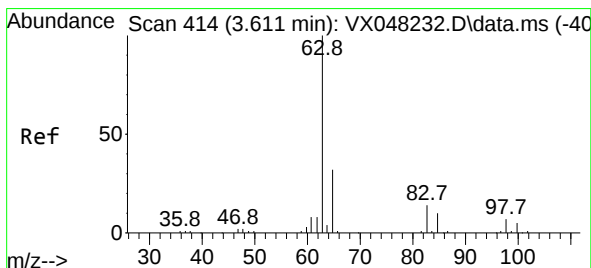
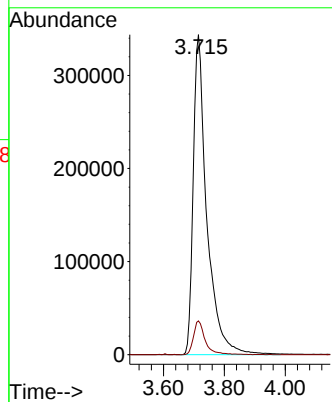
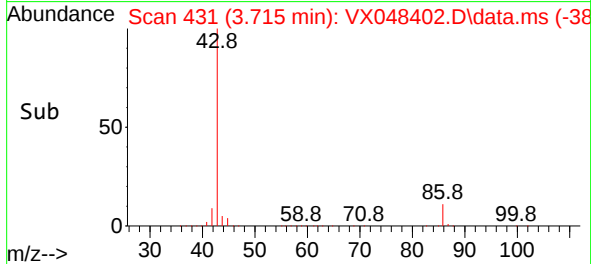
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



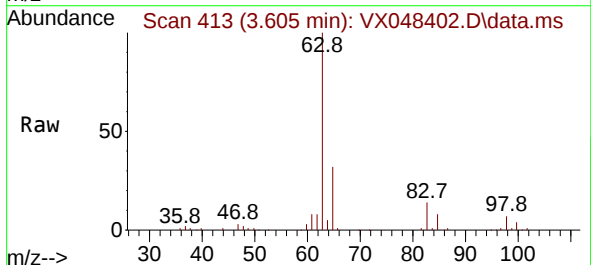
Tgt Ion: 43 Resp: 1064799
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.9 11.9

Manual Integrations
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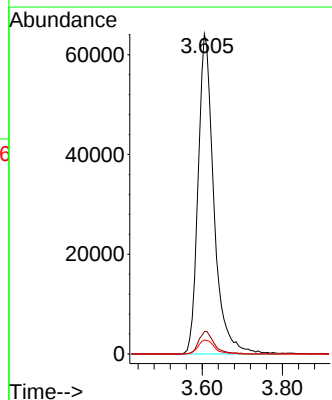
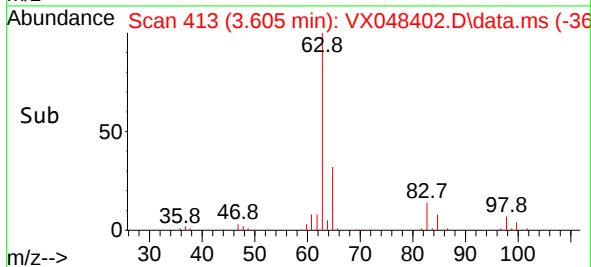
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

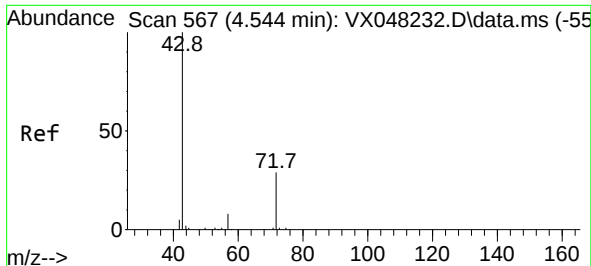


#24
 1,1-Dichloroethane
 Concen: 51.370 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048402.D
 Acq: 28 Oct 2025 16:12



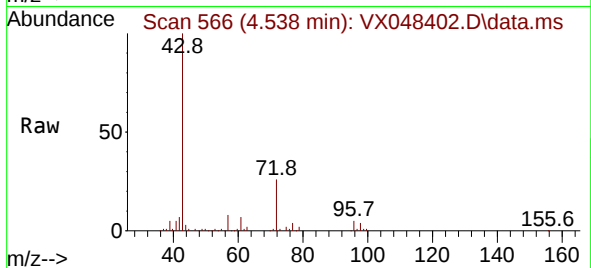
Tgt Ion: 63 Resp: 175233
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.4 2.1 6.3





#25
2-Butanone
Concen: 210.011 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

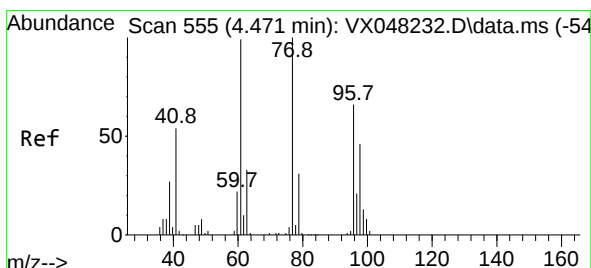
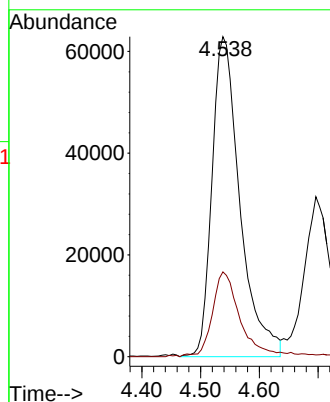
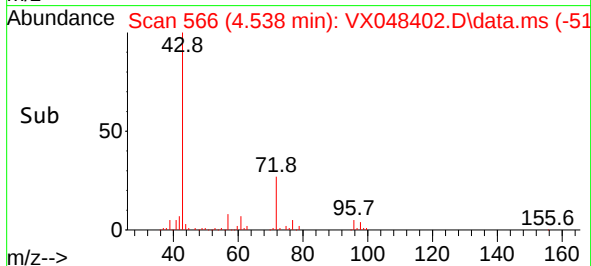
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 20747
Ion Ratio Lower Upper
43 100
72 25.9 19.9 29.9

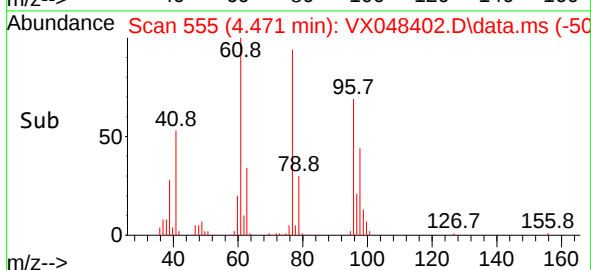
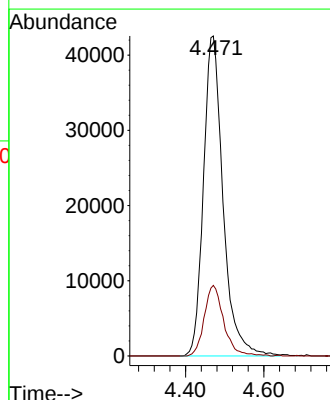
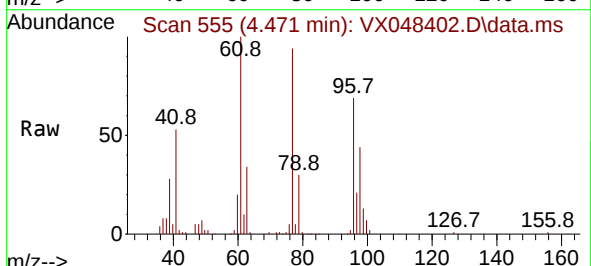
Manual Integrations
APPROVED

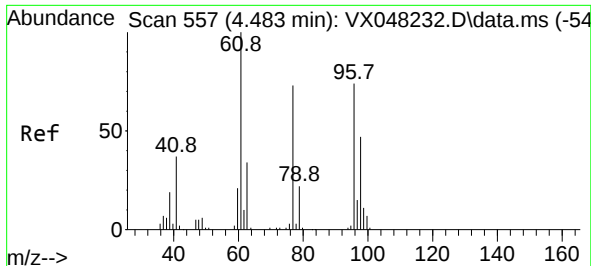
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#26
2,2-Dichloropropane
Concen: 47.905 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion: 77 Resp: 147498
Ion Ratio Lower Upper
77 100
97 21.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 50.643 ug/l

RT: 4.483 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 11060

Ion Ratio Lower Upper

96 100

61 146.8 0.0 294.2

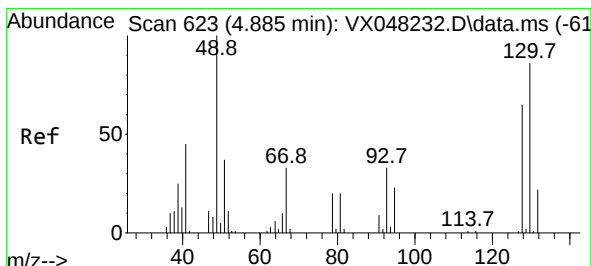
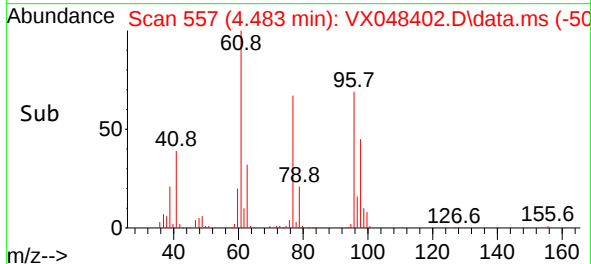
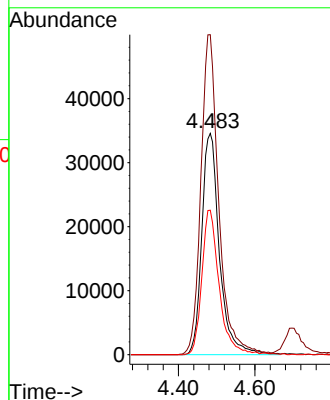
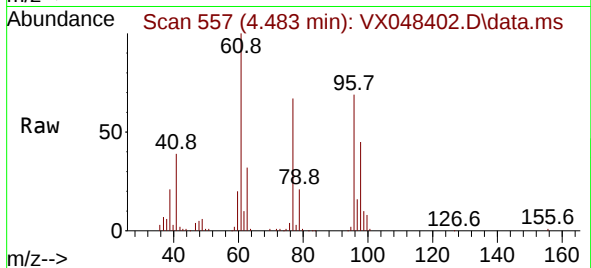
98 64.1 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#28

Bromochloromethane

Concen: 51.012 ug/l

RT: 4.885 min Scan# 623

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

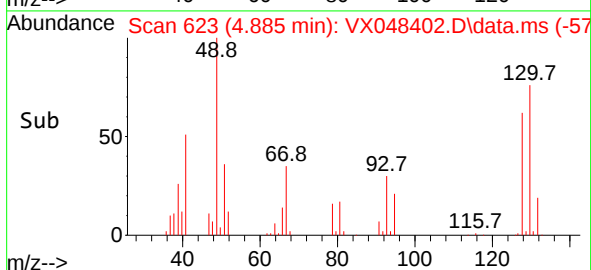
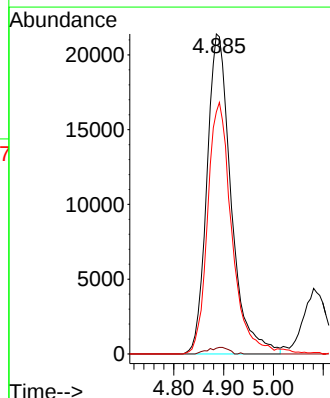
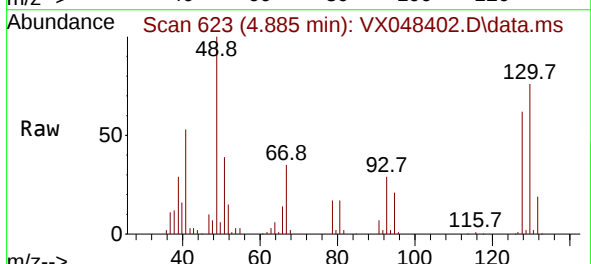
Tgt Ion: 49 Resp: 72152

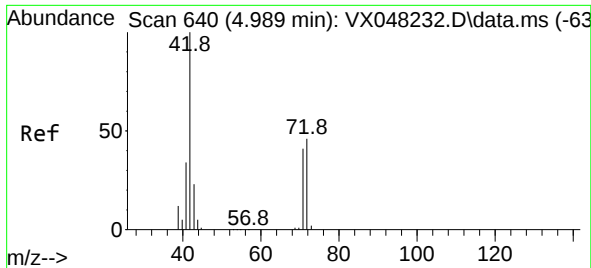
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.4

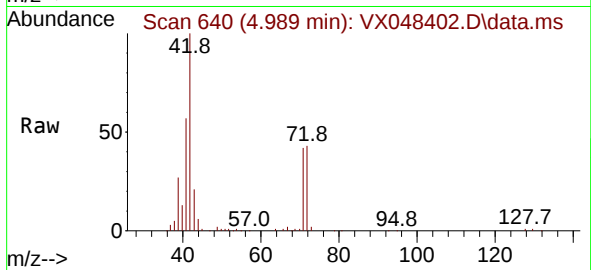
130 78.1 59.3 88.9





#29
Tetrahydrofuran
Concen: 244.922 ug/l
RT: 4.989 min Scan# 640
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

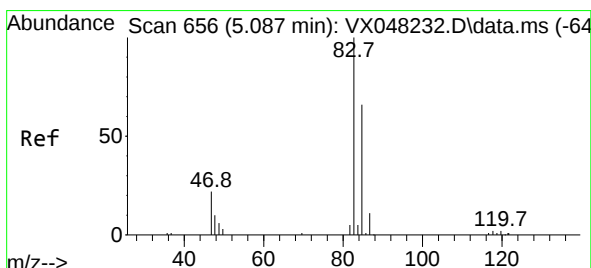
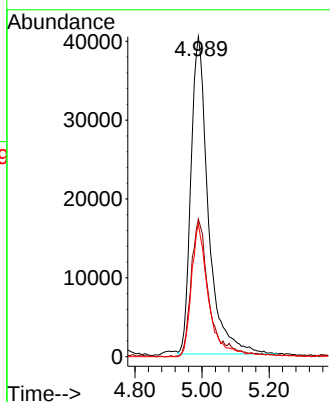
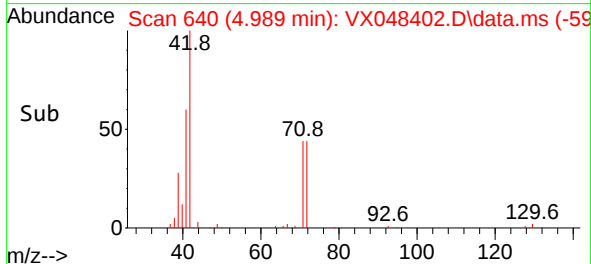
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 144912
Ion Ratio Lower Upper
42 100
72 45.0 35.3 52.9
71 40.7 32.2 48.4

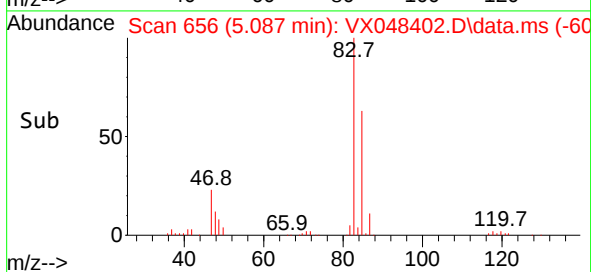
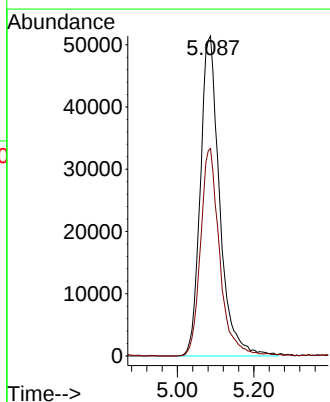
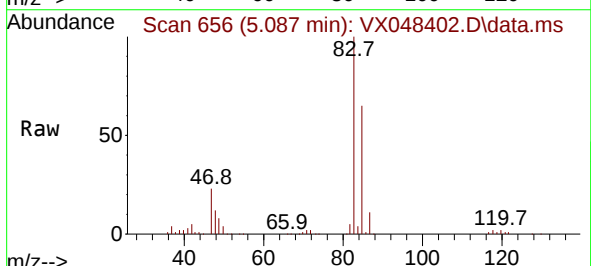
Manual Integrations
APPROVED

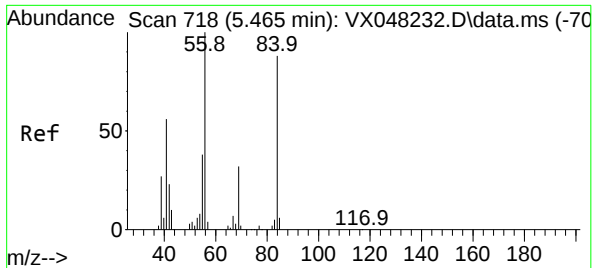
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#30
Chloroform
Concen: 49.351 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

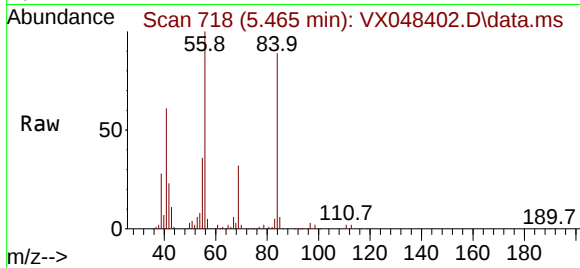
Tgt Ion: 83 Resp: 179857
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1





#31
Cyclohexane
Concen: 50.594 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

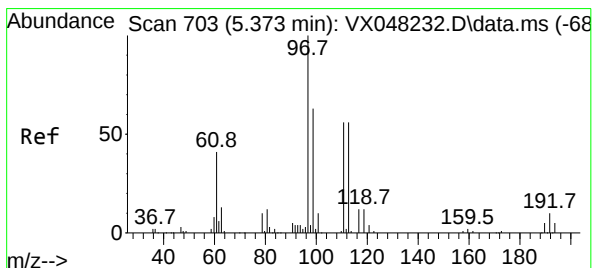
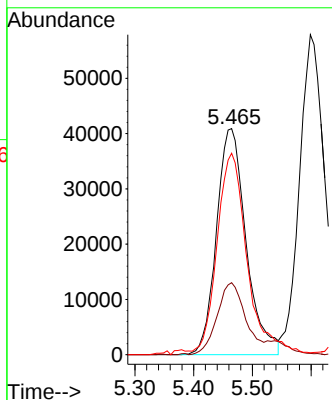
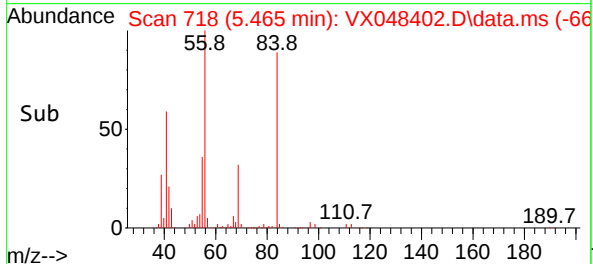
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14288
Ion Ratio Lower Upper
56 100
69 31.5 23.0 34.6
84 87.3 64.6 97.0

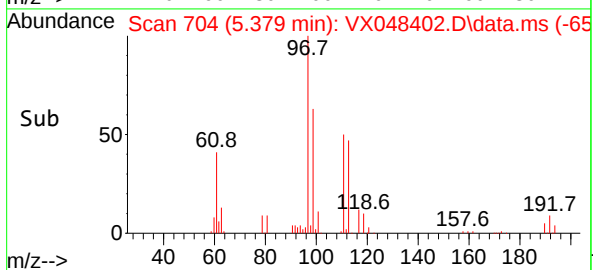
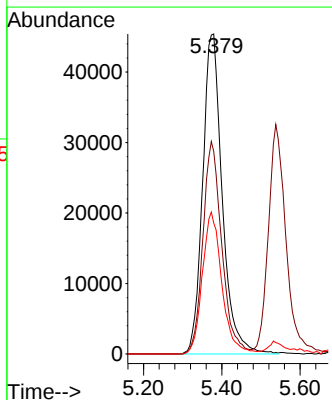
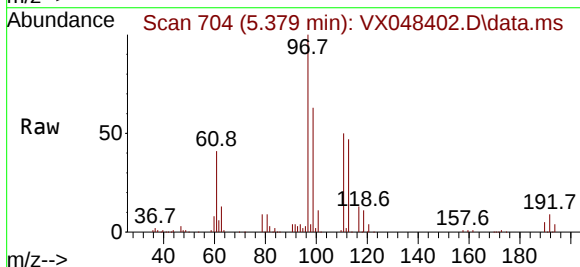
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#32
1,1,1-Trichloroethane
Concen: 46.998 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

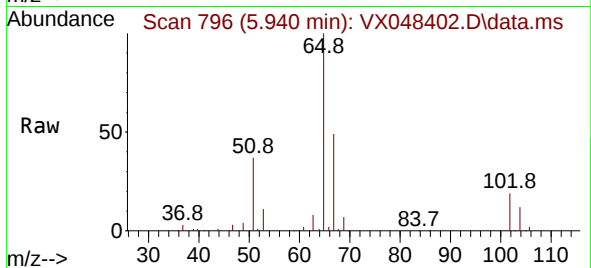
Tgt Ion: 97 Resp: 157857
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 44.1 34.8 52.2





#33
1,2-Dichloroethane-d4
Concen: 48.344 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

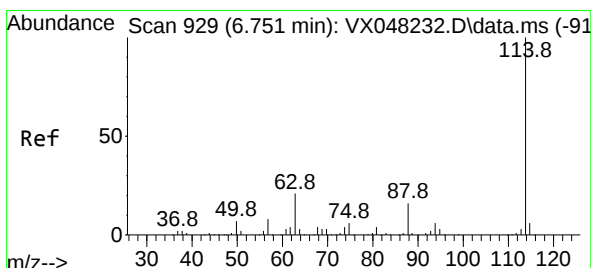
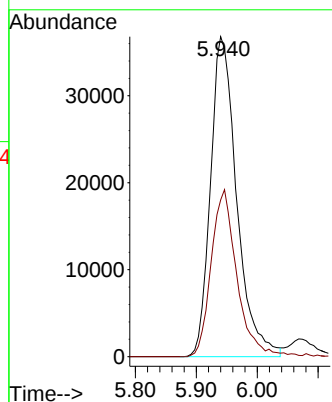
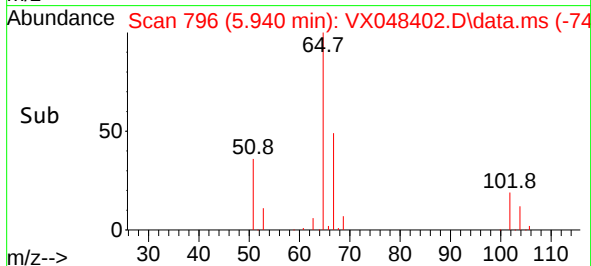
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



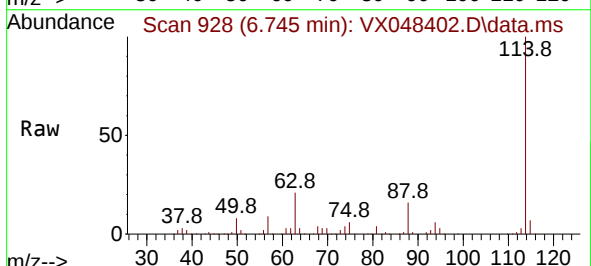
Tgt Ion: 65 Resp: 109990
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.0

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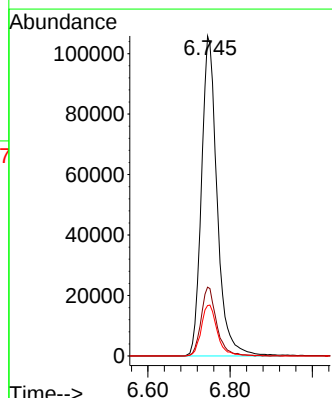
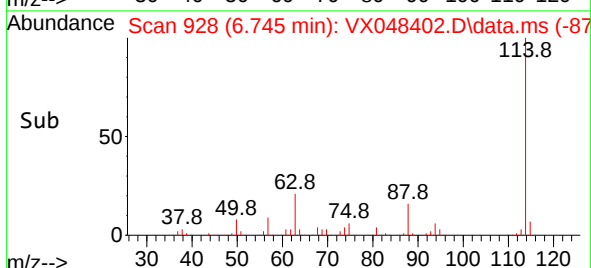
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

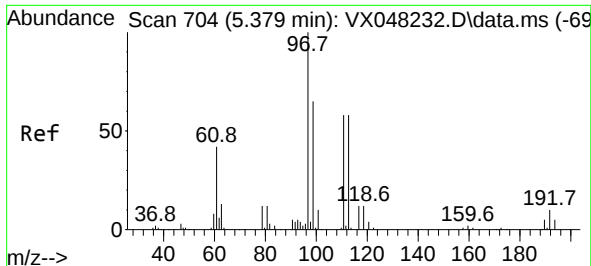


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12



Tgt Ion:114 Resp: 279193
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.8 0.0 33.6





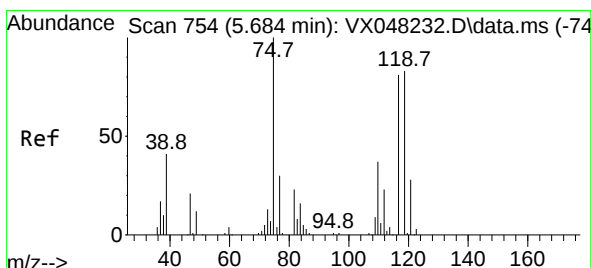
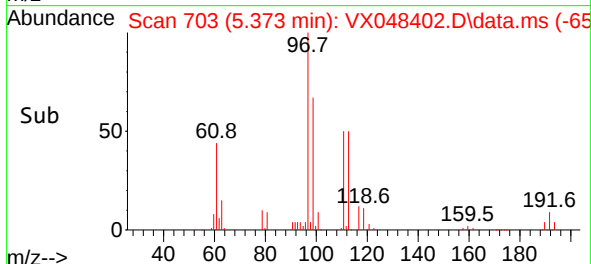
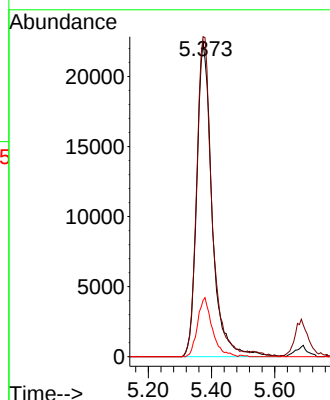
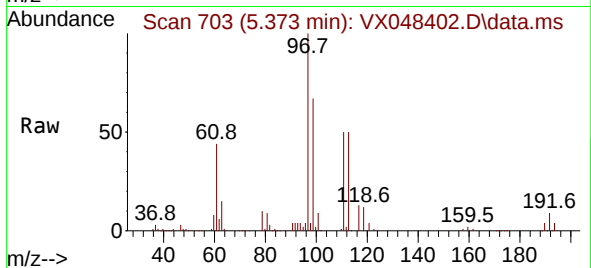
#35
Dibromofluoromethane
Concen: 39.797 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 75854
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 18.0 15.1 22.7

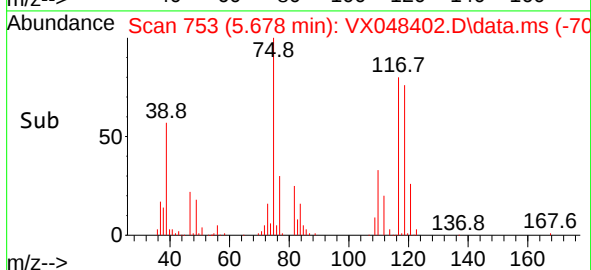
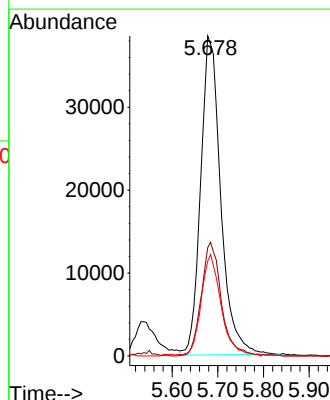
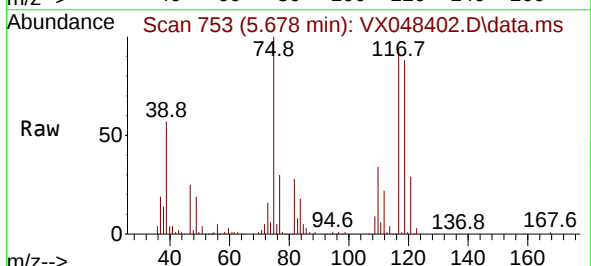
Manual Integrations
APPROVED

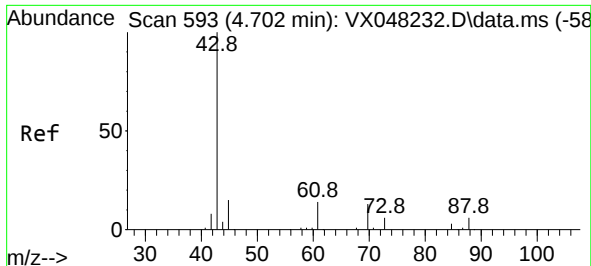
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#36
1,1-Dichloropropene
Concen: 43.483 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

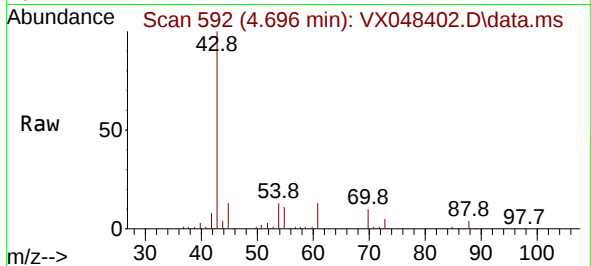
Tgt Ion: 75 Resp: 117800
Ion Ratio Lower Upper
75 100
110 35.3 17.7 53.1
77 30.7 24.3 36.5





#37
Ethyl Acetate
Concen: 48.813 ug/l
RT: 4.696 min Scan# 592
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

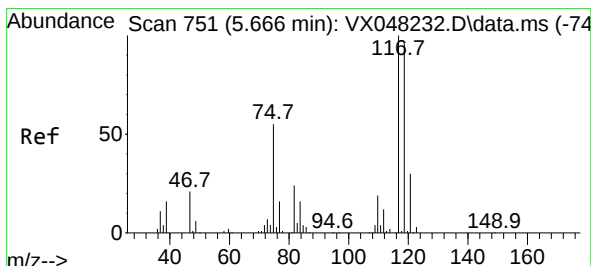
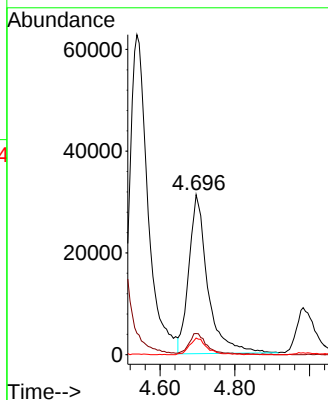
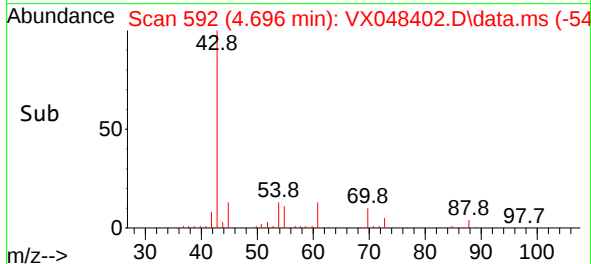
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 109610
Ion Ratio Lower Upper
43 100
61 11.8 10.6 15.8
70 9.3 7.8 11.6

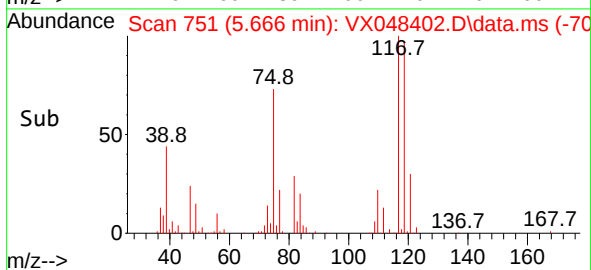
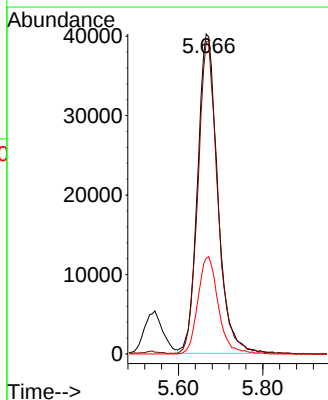
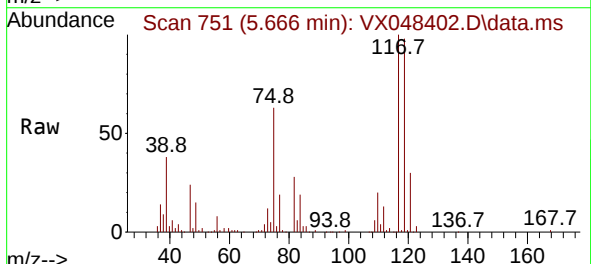
Manual Integrations
APPROVED

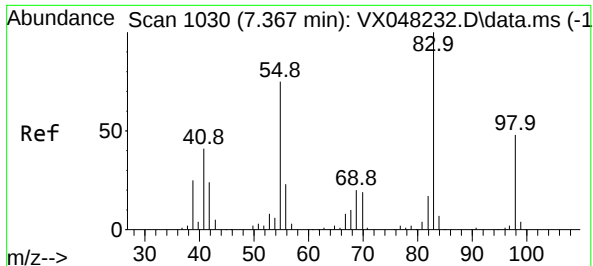
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#38
Carbon Tetrachloride
Concen: 39.960 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion:117 Resp: 133559
Ion Ratio Lower Upper
117 100
119 97.5 77.2 115.8
121 30.0 24.8 37.2





#39

Methylcyclohexane

Concen: 46.103 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 14750

Ion Ratio Lower Upper

83 100

55 78.0 66.2 99.2

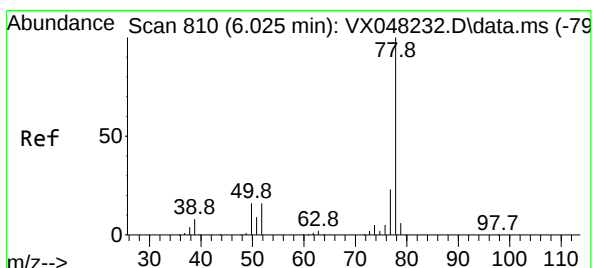
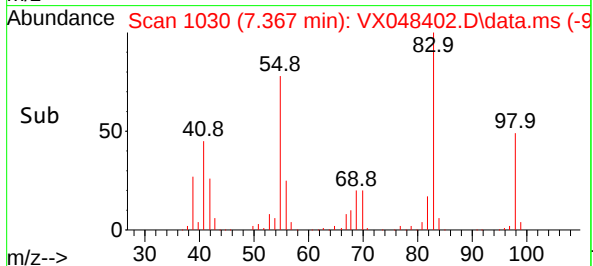
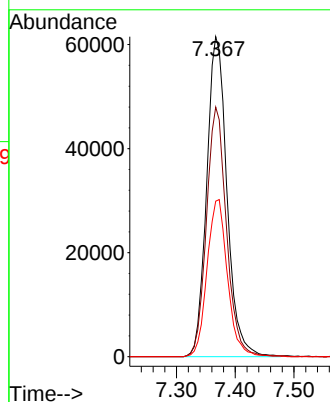
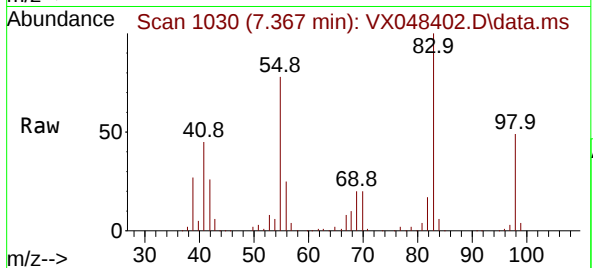
98 48.6 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#40

Benzene

Concen: 47.237 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048402.D

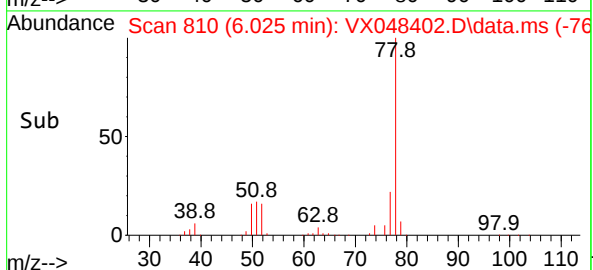
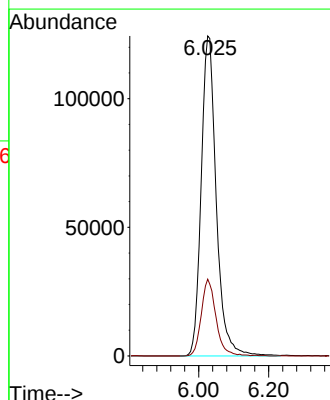
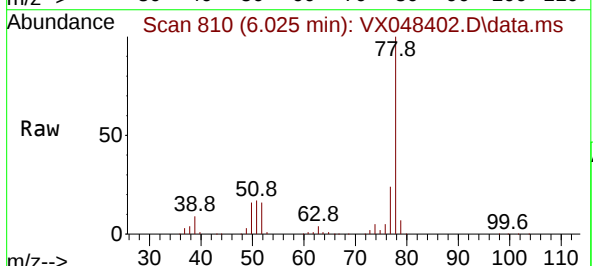
Acq: 28 Oct 2025 16:12

Tgt Ion: 78 Resp: 371537

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9





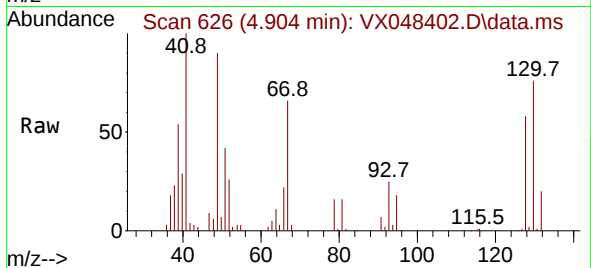
#41
Methacrylonitrile
Concen: 45.911 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



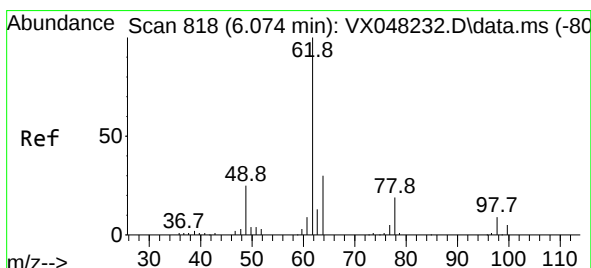
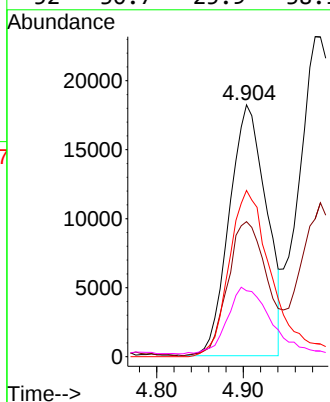
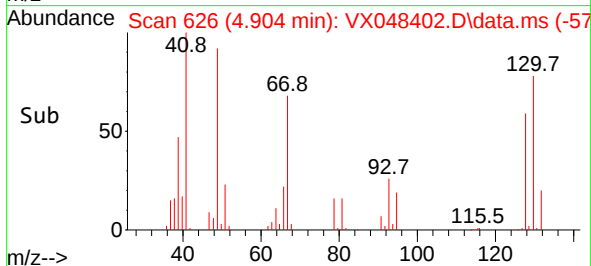
Tgt Ion: 41 Resp: 54139
Ion Ratio Lower Upper
41 100
39 57.6 44.0 66.0
67 78.8 58.7 88.1
52 30.7 25.9 38.9

Manual Integrations

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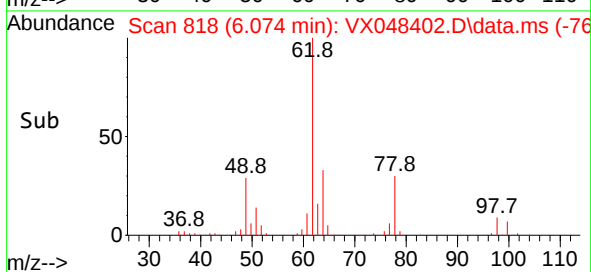
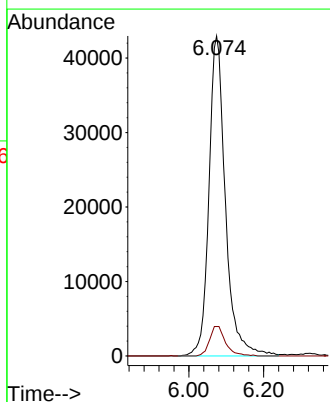
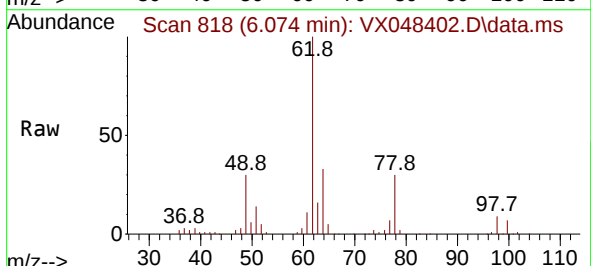
Reviewed By :John Carlone 10/29/2025

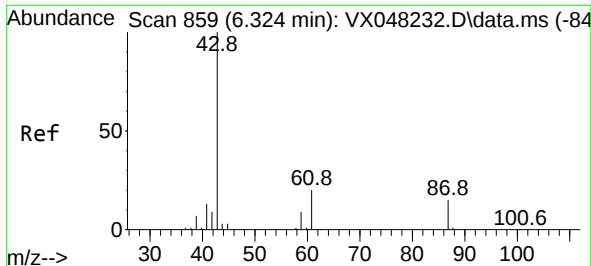
Supervised By :Mahesh Dadoda 10/29/2025



#42
1,2-Dichloroethane
Concen: 45.281 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

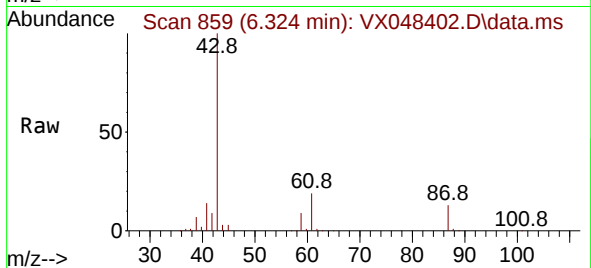
Tgt Ion: 62 Resp: 131424
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.2





#43
Isopropyl Acetate
Concen: 47.127 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

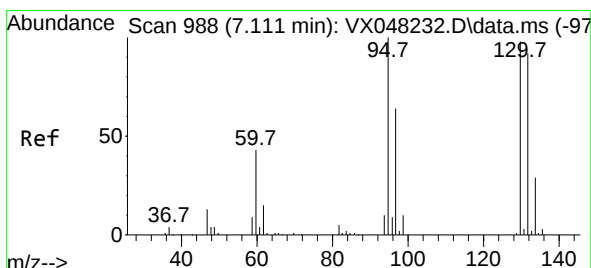
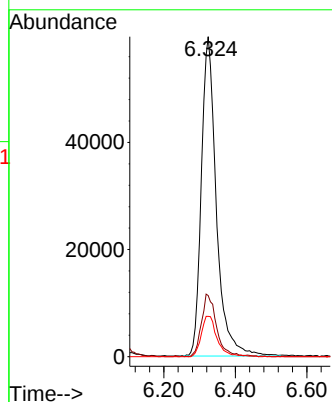
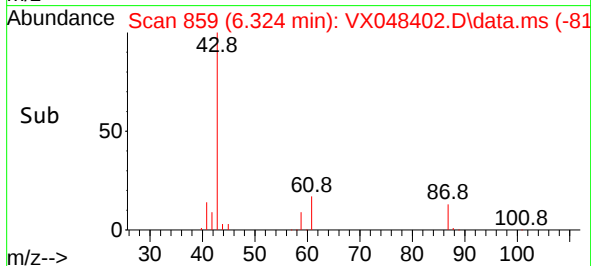
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 173825
Ion Ratio Lower Upper
43 100
61 19.5 14.9 22.3
87 13.2 9.4 14.2

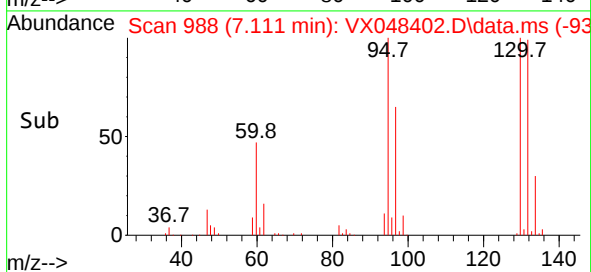
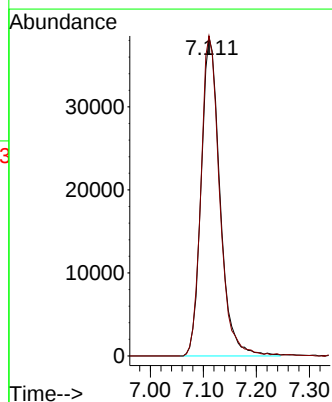
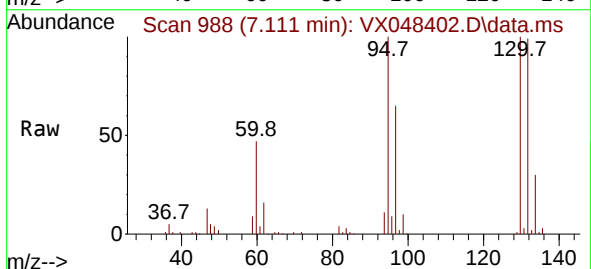
Manual Integrations
APPROVED

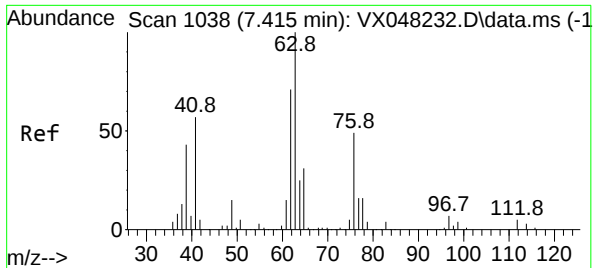
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#44
Trichloroethene
Concen: 45.528 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

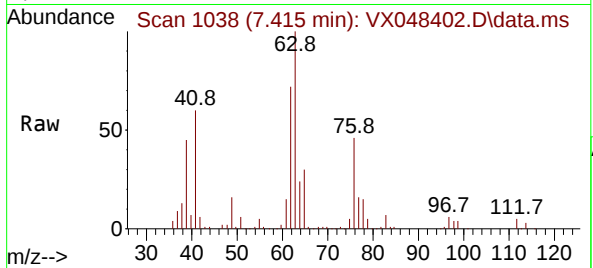
Tgt Ion:130 Resp: 94556
Ion Ratio Lower Upper
130 100
95 100.5 0.0 200.6





#45
1,2-Dichloropropane
Concen: 49.670 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

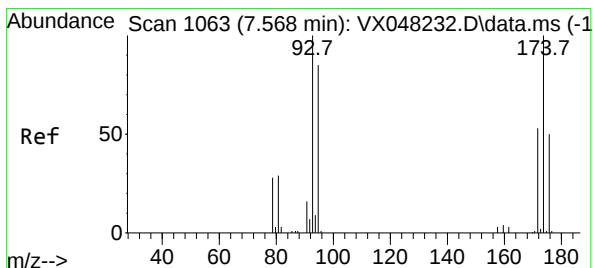
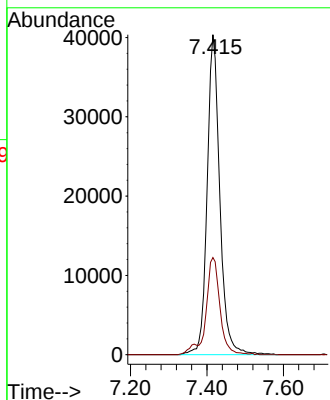
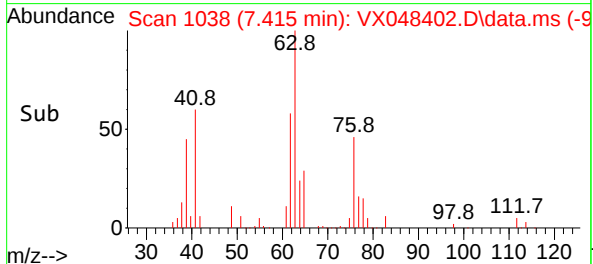
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 9288
Ion Ratio Lower Upper
63 100
65 30.4 24.1 36.1

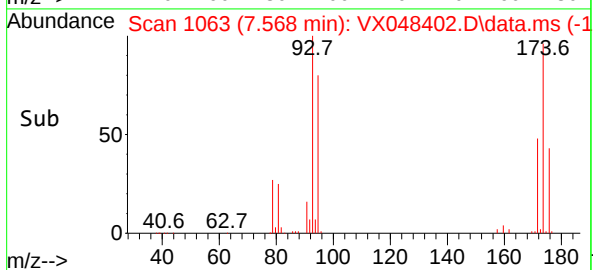
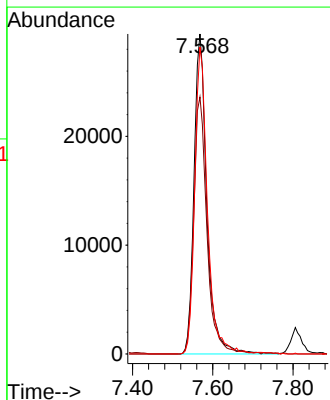
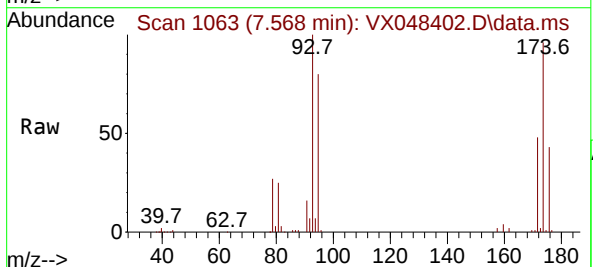
Manual Integrations
APPROVED

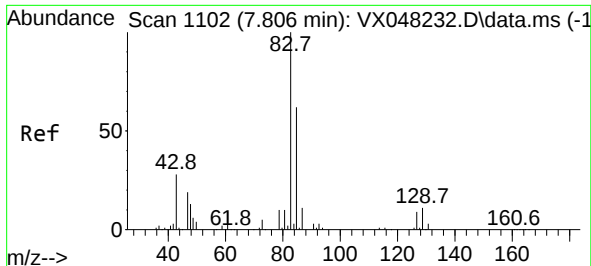
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#46
Dibromomethane
Concen: 44.758 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion: 93 Resp: 65208
Ion Ratio Lower Upper
93 100
95 82.5 65.9 98.9
174 95.2 71.7 107.5





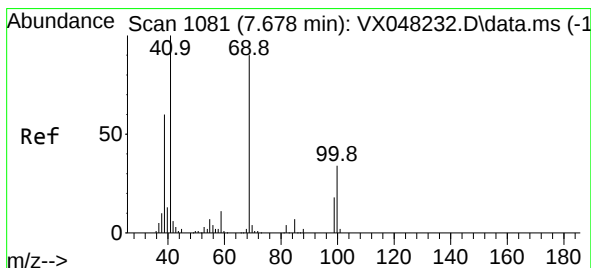
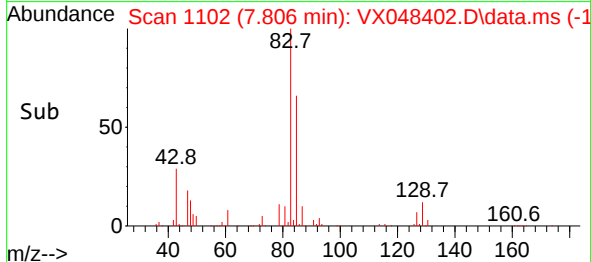
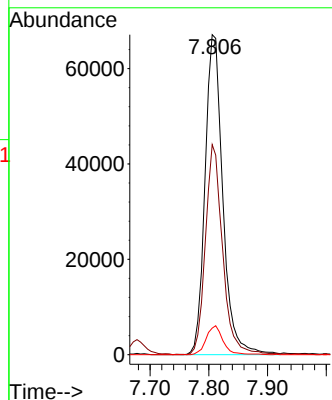
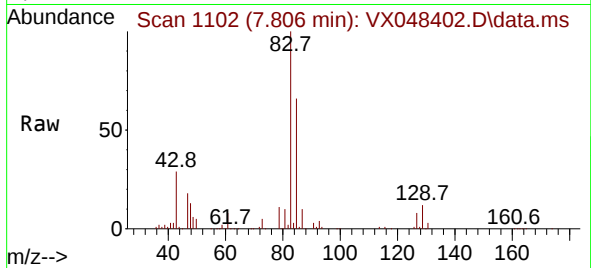
#47
Bromodichloromethane
Concen: 44.976 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 14148
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.4
127 8.3 7.3 10.9

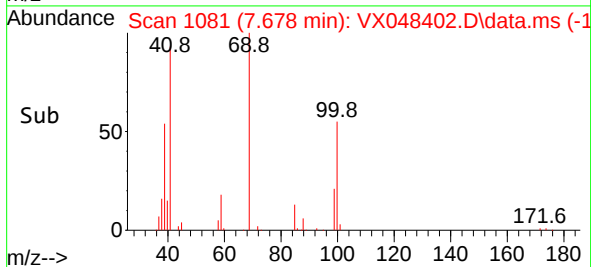
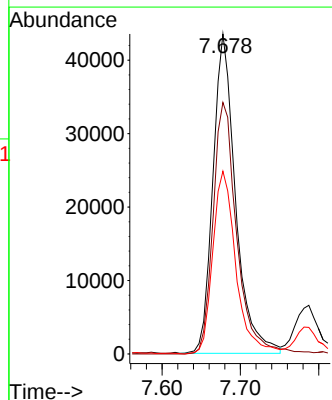
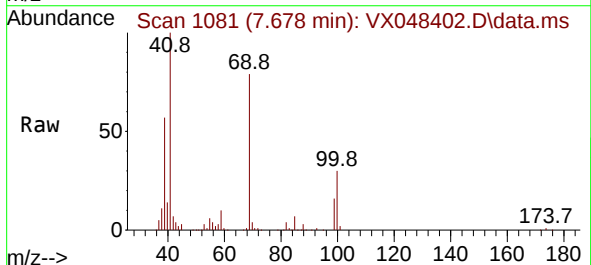
Manual Integrations
APPROVED

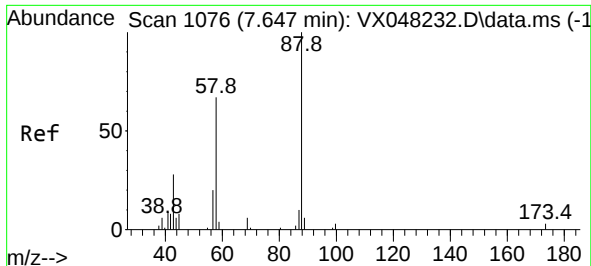
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#48
Methyl methacrylate
Concen: 46.934 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

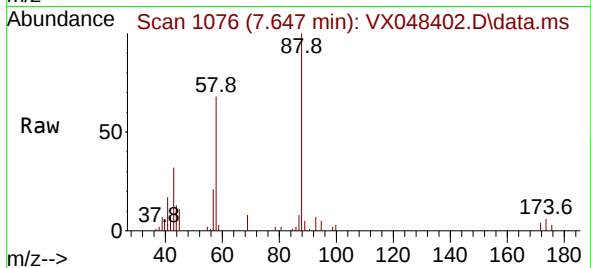
Tgt Ion: 41 Resp: 87355
Ion Ratio Lower Upper
41 100
69 82.6 63.4 95.0
39 58.6 47.1 70.7





#49
1,4-Dioxane
Concen: 780.214 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

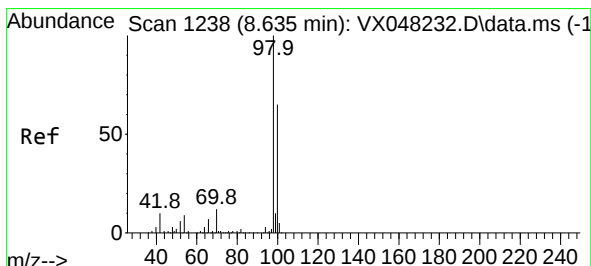
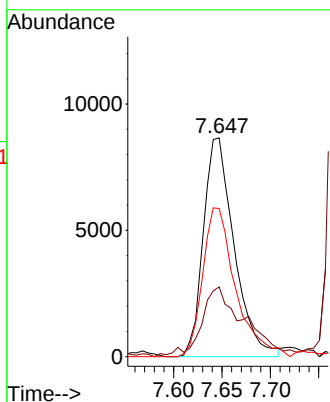
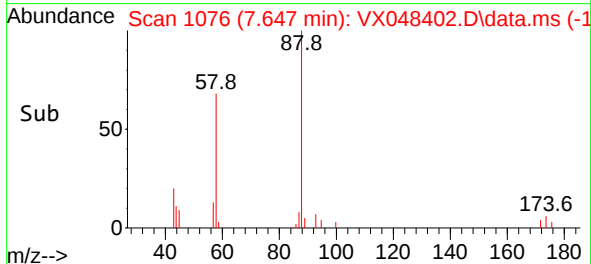
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 1918
Ion Ratio Lower Upper
88 100
43 44.8 35.0 52.4
58 72.3 61.9 92.9

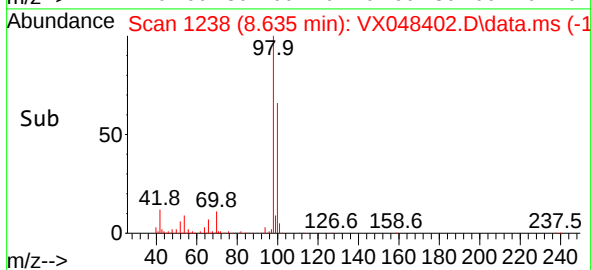
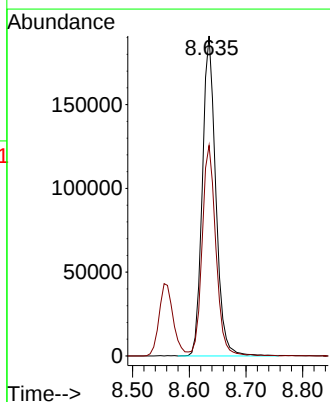
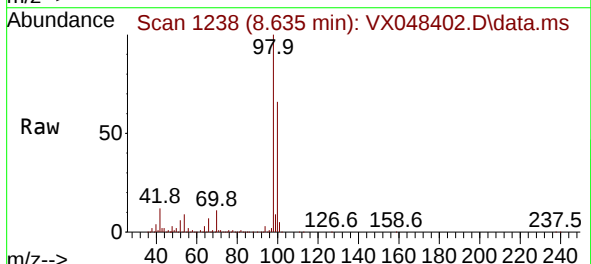
Manual Integrations
APPROVED

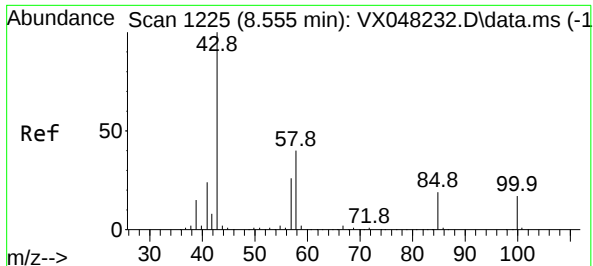
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#50
Toluene-d8
Concen: 47.104 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion: 98 Resp: 314692
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4





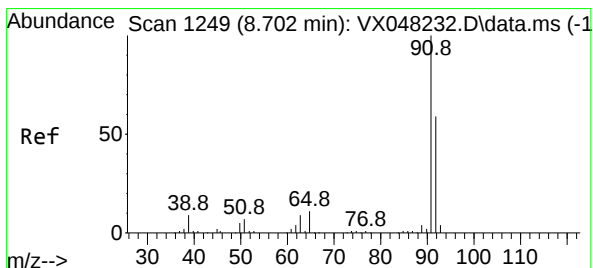
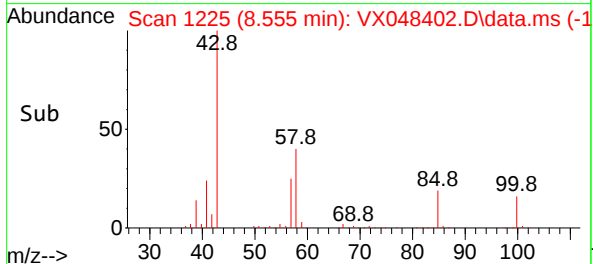
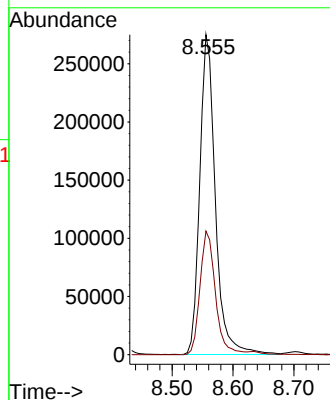
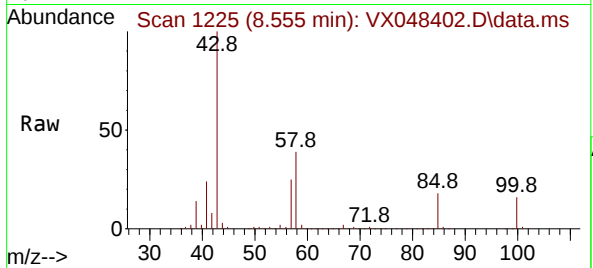
#51
4-Methyl-2-Pentanone
Concen: 229.426 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 48791
Ion Ratio Lower Upper
43 100
58 38.4 29.5 44.3

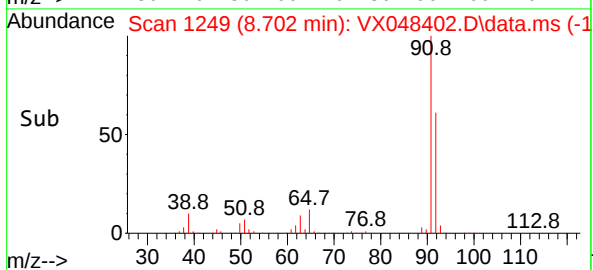
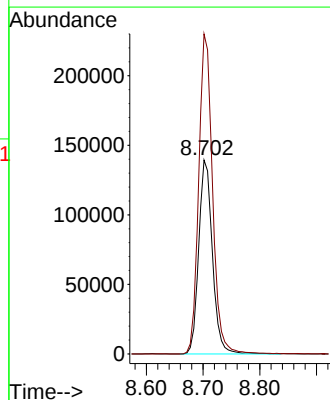
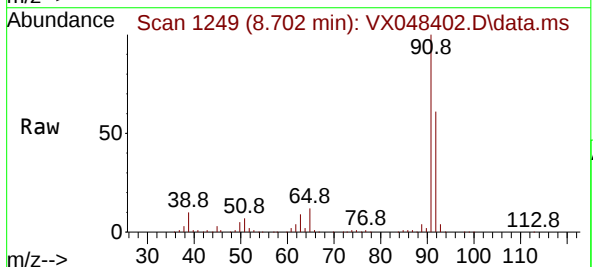
Manual Integrations
APPROVED

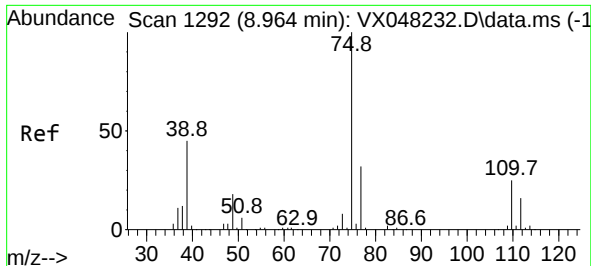
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#52
Toluene
Concen: 46.776 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion: 92 Resp: 233730
Ion Ratio Lower Upper
92 100
91 166.9 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 42.407 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 12855

Ion Ratio Lower Upper

75 100

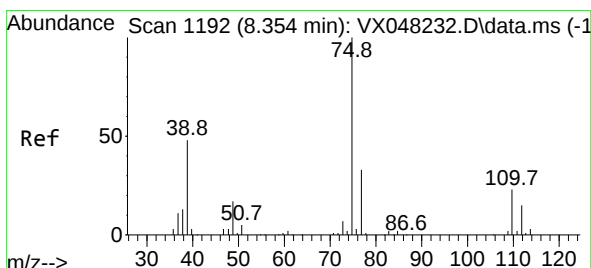
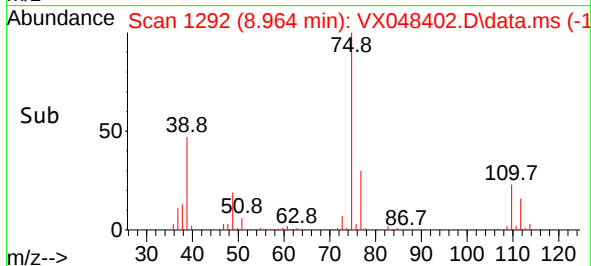
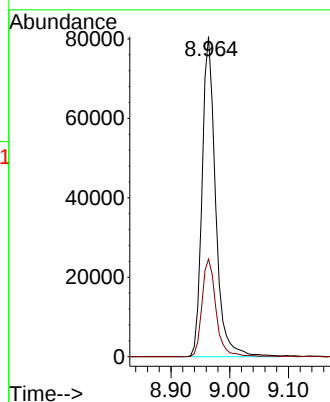
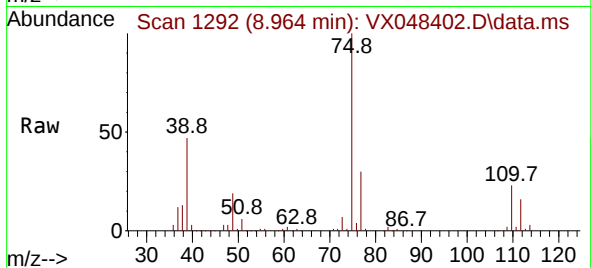
77 30.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#54

cis-1,3-Dichloropropene

Concen: 41.333 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

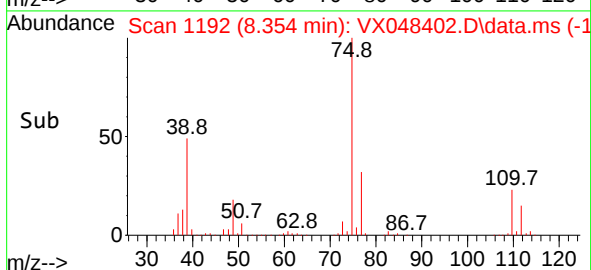
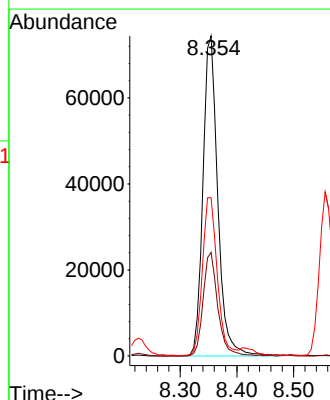
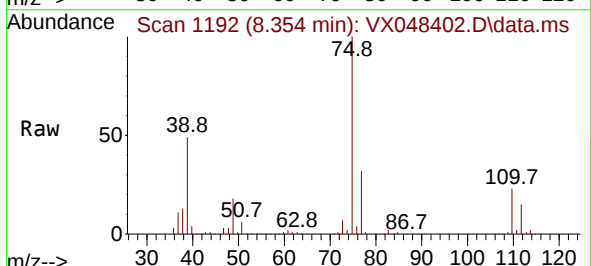
Tgt Ion: 75 Resp: 135184

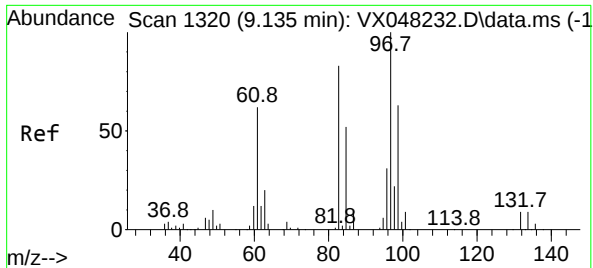
Ion Ratio Lower Upper

75 100

77 32.3 24.9 37.3

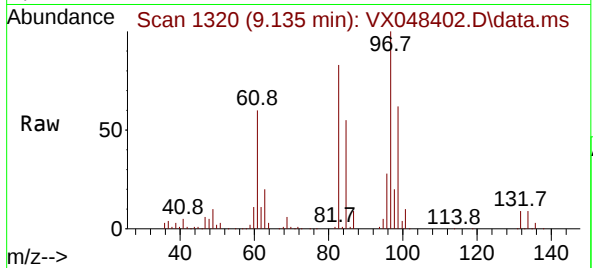
39 49.3 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 46.013 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

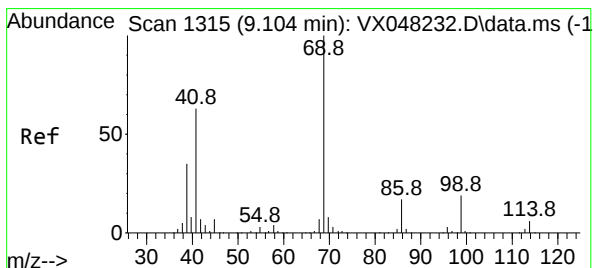
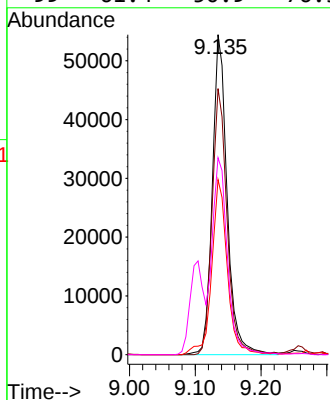
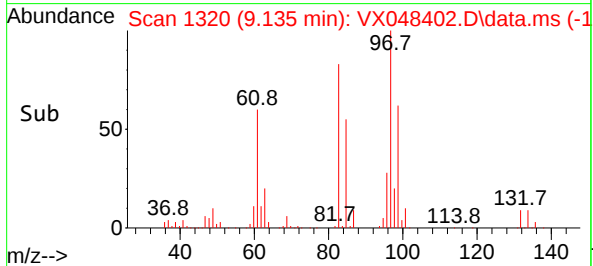
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



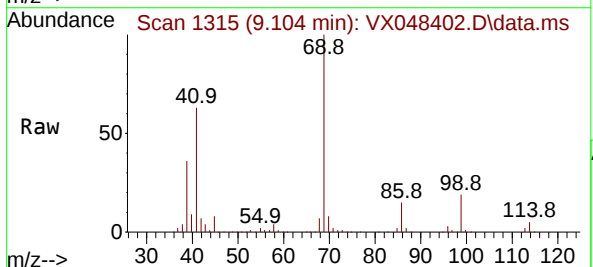
Tgt Ion: 97 Resp: 85502
Ion Ratio Lower Upper
97 100
83 83.2 70.6 105.8
85 54.7 45.0 67.6
99 61.4 50.9 76.3

Manual Integrations
APPROVED

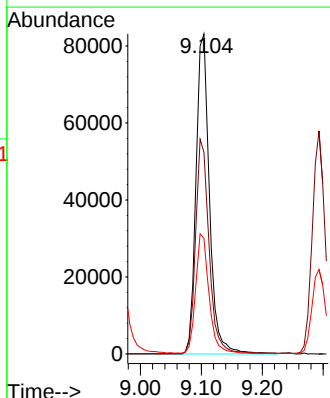
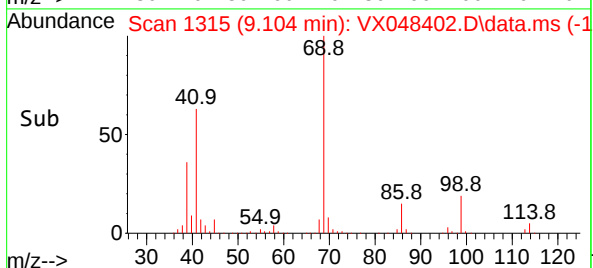
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

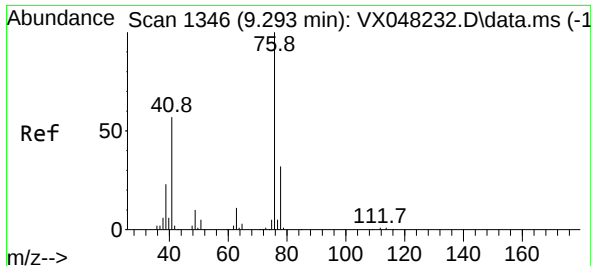


#56
Ethyl methacrylate
Concen: 46.872 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12



Tgt Ion: 69 Resp: 127394
Ion Ratio Lower Upper
69 100
41 67.2 56.0 84.0
39 37.7 31.6 47.4





#57

1,3-Dichloropropane

Concen: 46.672 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 148140

Ion Ratio Lower Upper

76 100

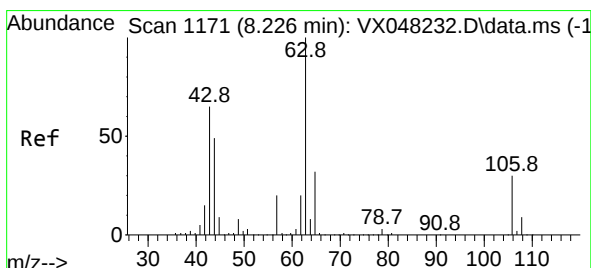
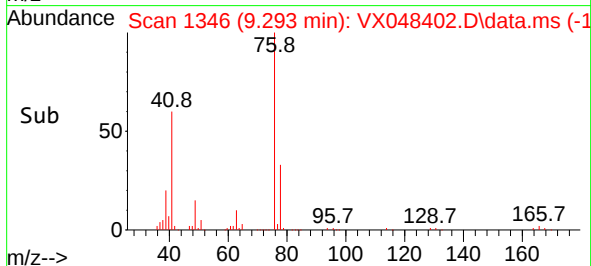
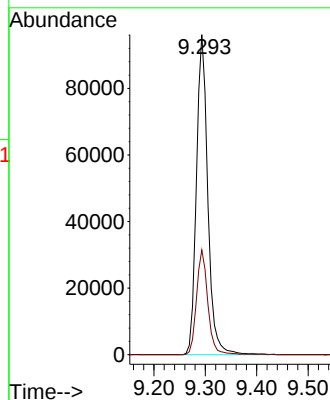
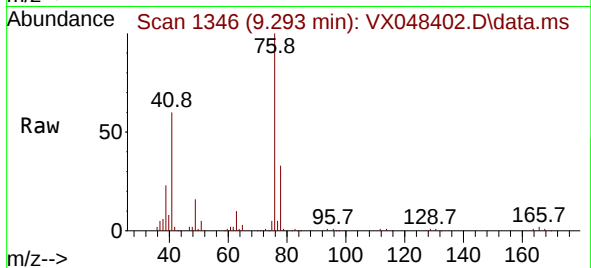
78 32.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 238.247 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048402.D

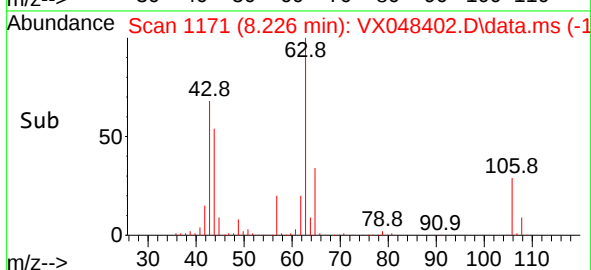
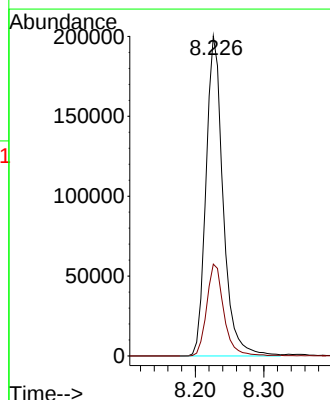
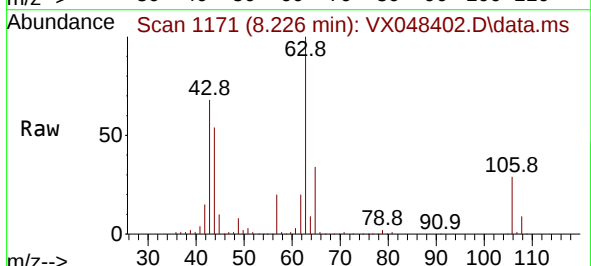
Acq: 28 Oct 2025 16:12

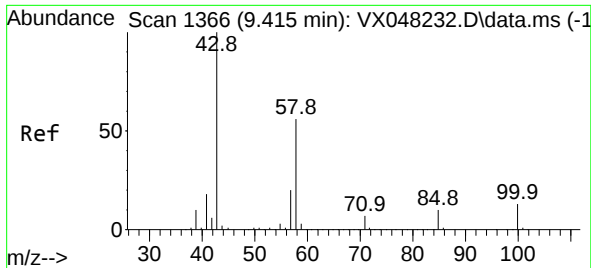
Tgt Ion: 63 Resp: 348064

Ion Ratio Lower Upper

63 100

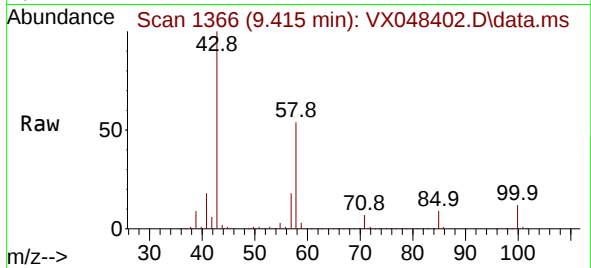
106 28.9 22.2 33.2





#59
2-Hexanone
Concen: 218.657 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

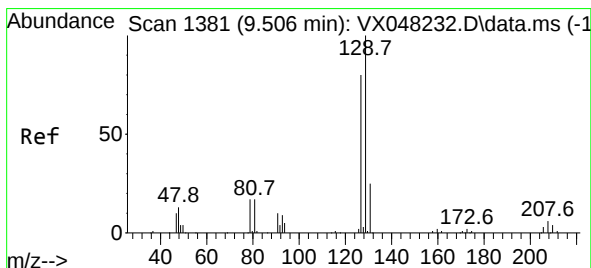
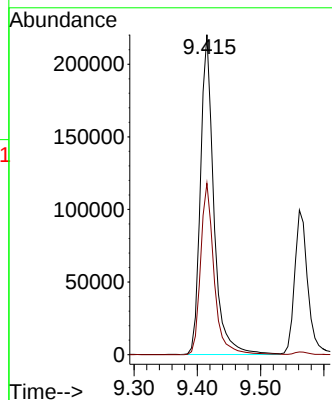
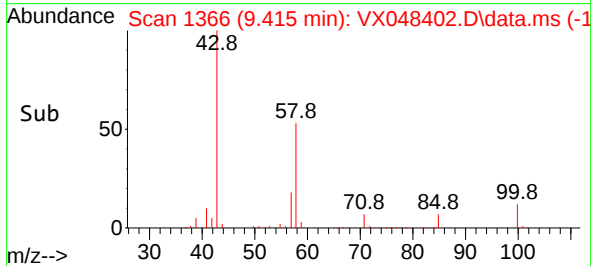
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 324245
Ion Ratio Lower Upper
43 100
58 54.2 26.3 78.8

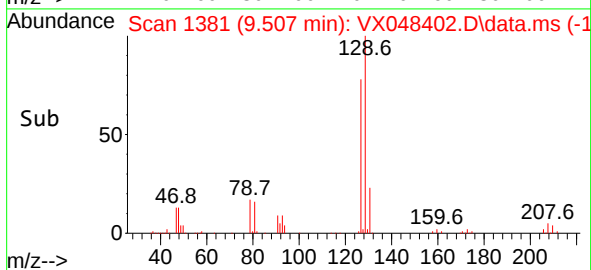
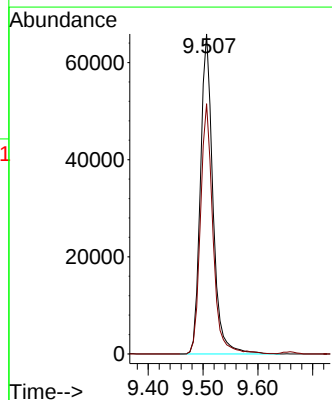
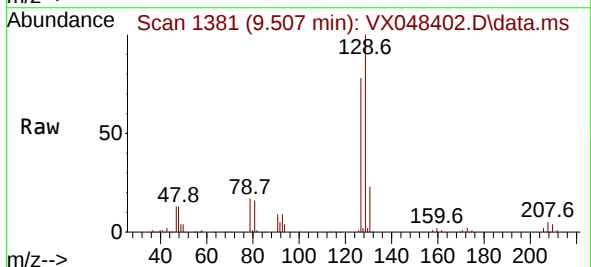
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#60
Dibromochloromethane
Concen: 41.823 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

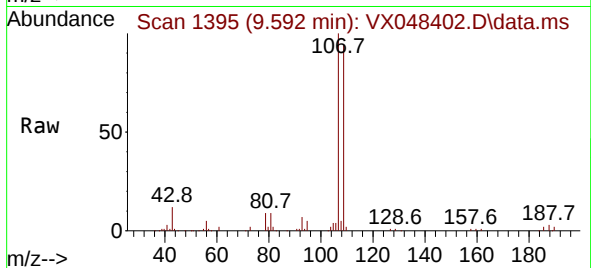
Tgt Ion:129 Resp: 104456
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 43.728 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

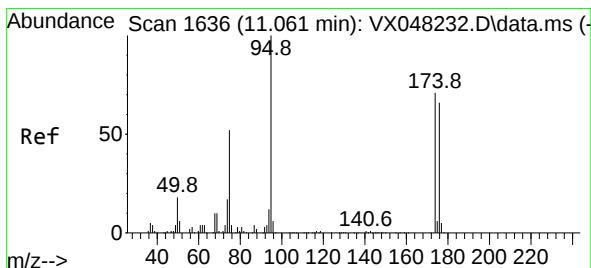
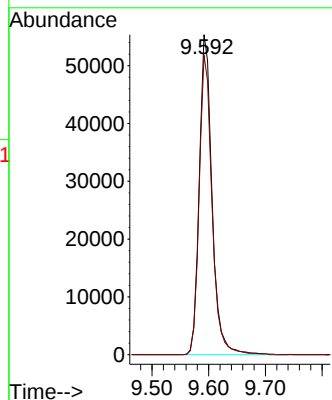
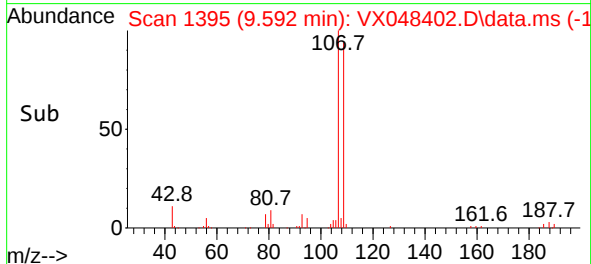
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 86625
Ion Ratio Lower Upper
107 100
109 94.1 77.0 115.4

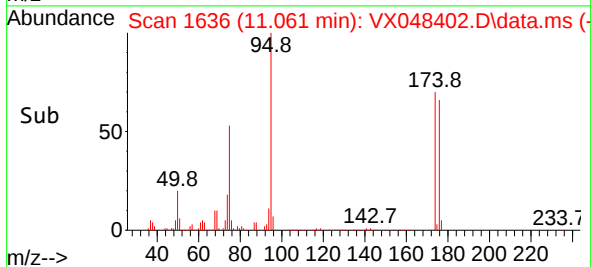
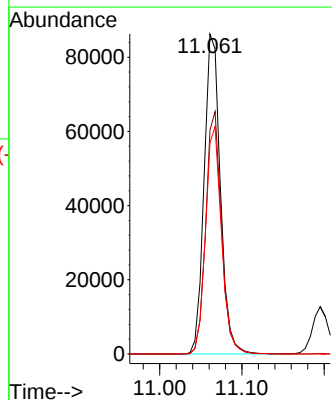
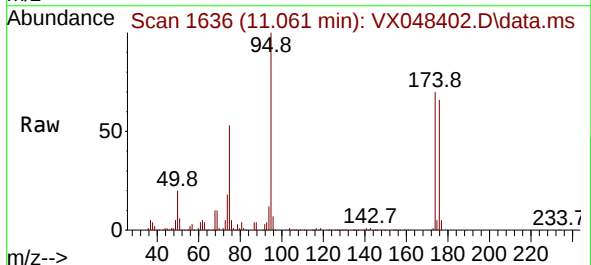
Manual Integrations
APPROVED

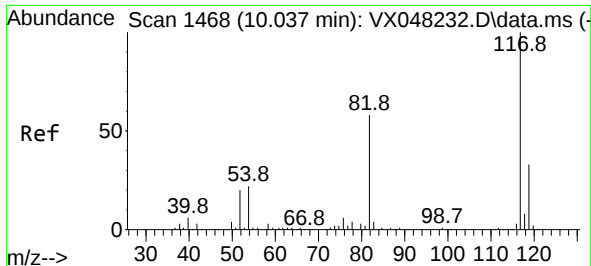
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#62
4-Bromofluorobenzene
Concen: 46.554 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

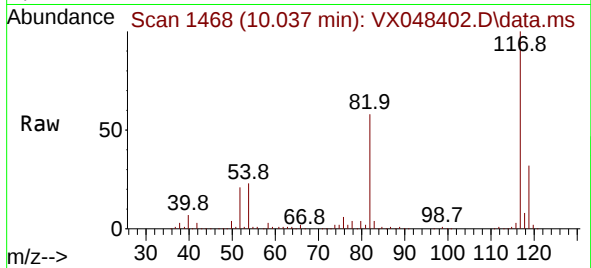
Tgt Ion: 95 Resp: 118322
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.8
176 70.1 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

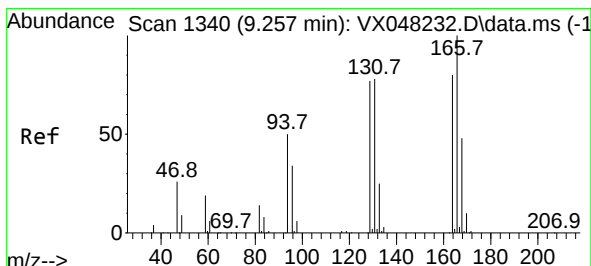
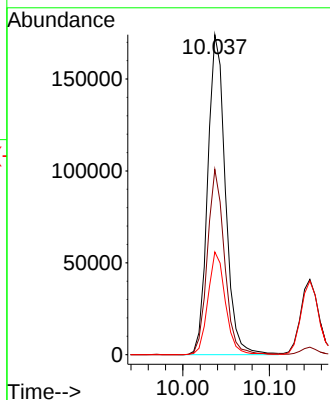
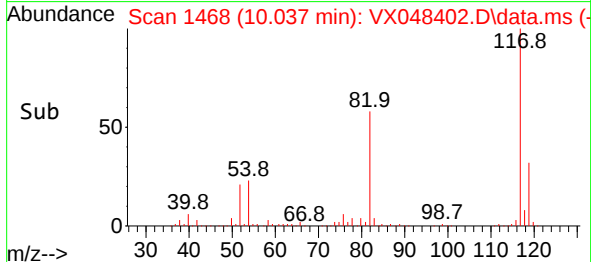
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 246698
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 32.1 25.9 38.9

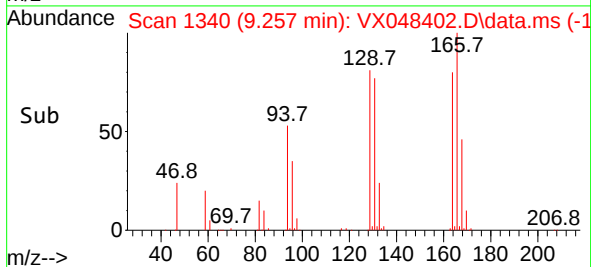
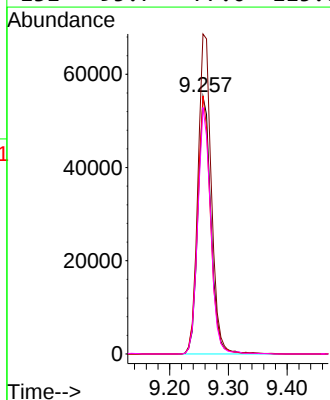
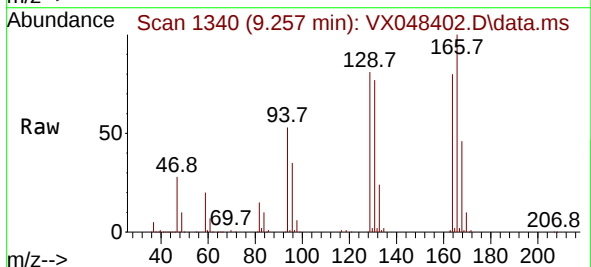
Manual Integrations
APPROVED

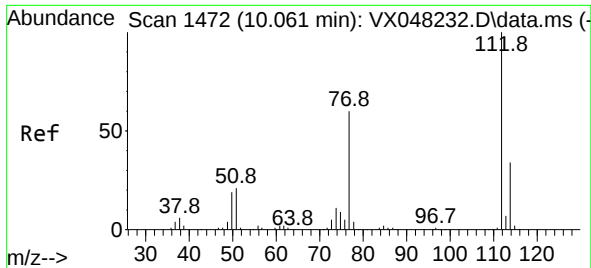
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#64
Tetrachloroethene
Concen: 46.485 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion:164 Resp: 85610
Ion Ratio Lower Upper
164 100
166 124.3 104.5 156.7
129 100.2 81.8 122.6
131 95.7 77.0 115.6





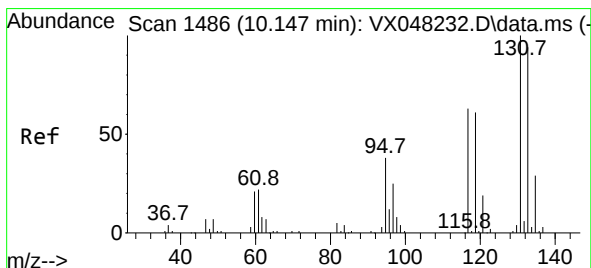
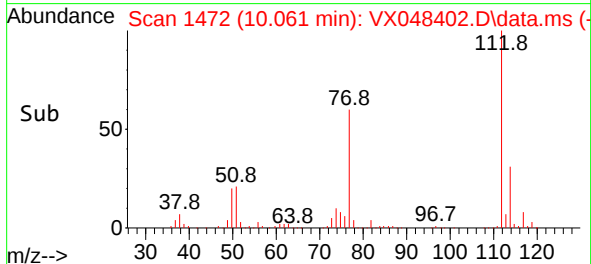
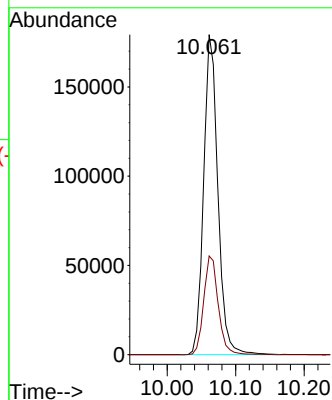
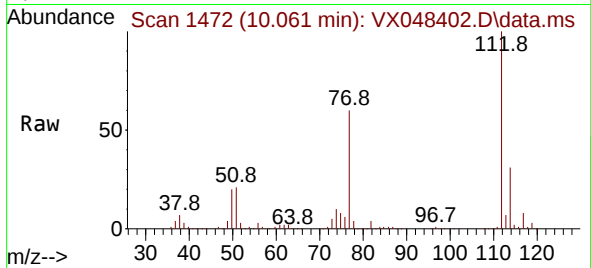
#65
Chlorobenzene
Concen: 46.625 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 258749
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.2

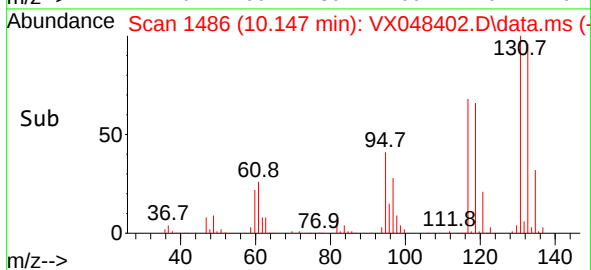
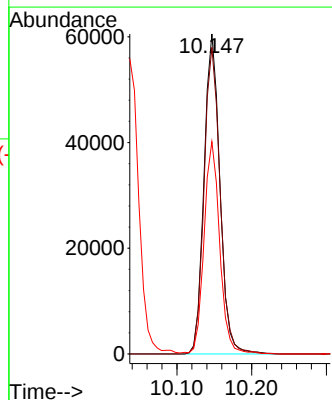
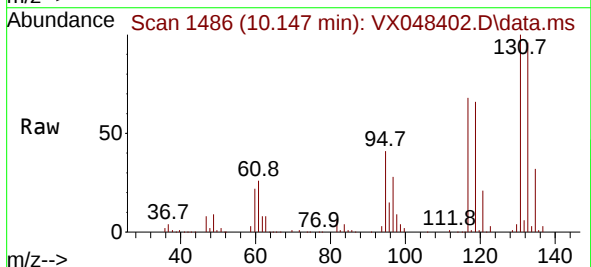
Manual Integrations
APPROVED

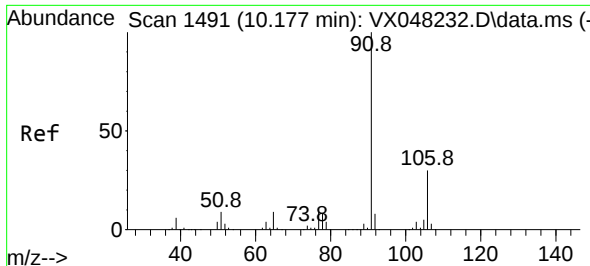
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 43.774 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

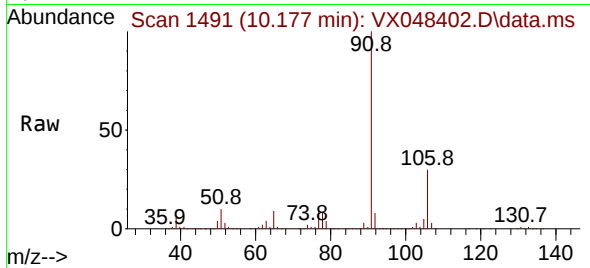
Tgt Ion:131 Resp: 89226
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.8
119 65.6 32.5 97.5





#67
Ethyl Benzene
Concen: 46.779 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

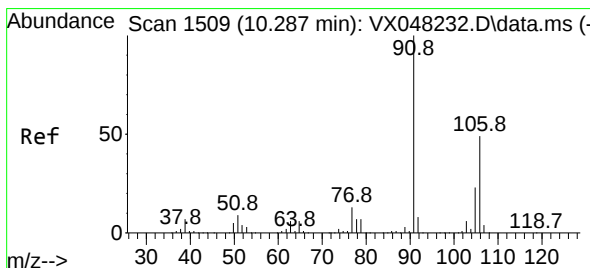
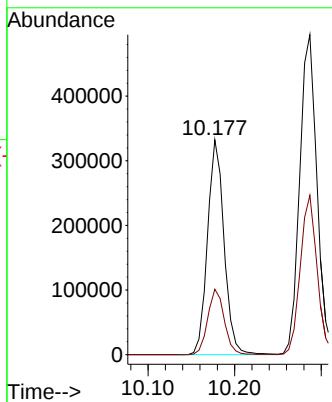
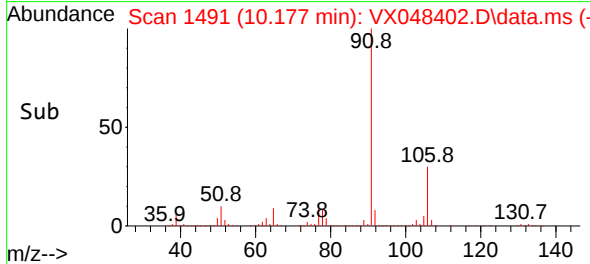
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 441980
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

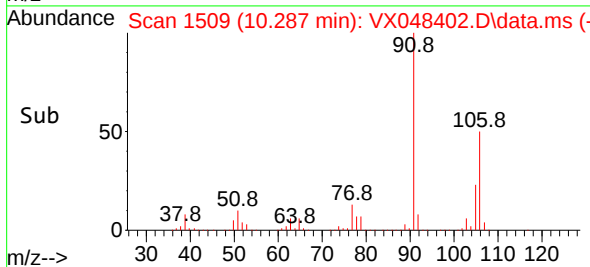
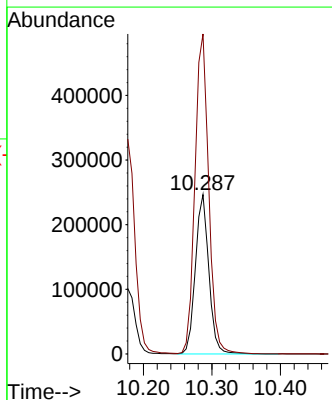
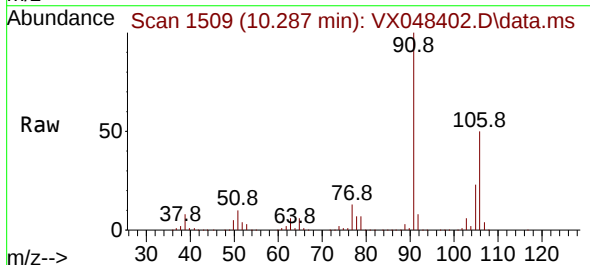
Manual Integrations
APPROVED

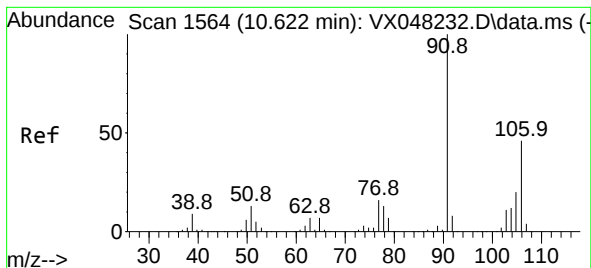
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#68
m/p-Xylenes
Concen: 95.767 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion:106 Resp: 336195
Ion Ratio Lower Upper
106 100
91 205.6 167.9 251.9





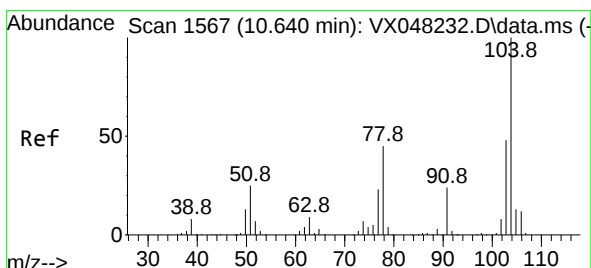
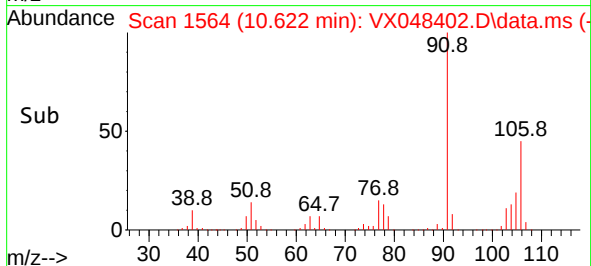
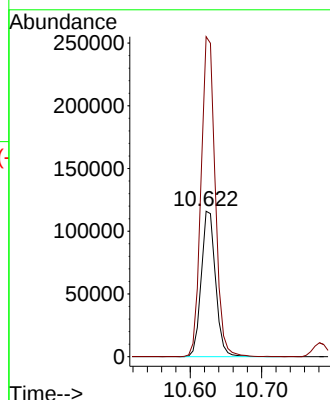
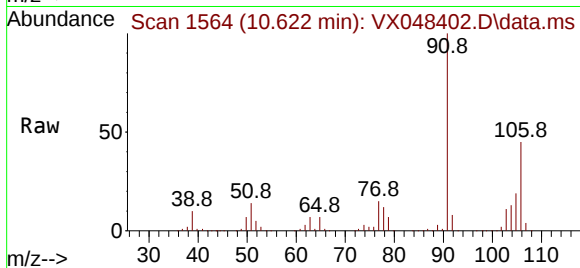
#69
o-Xylene
Concen: 47.427 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 16074
Ion Ratio Lower Upper
106 100
91 218.8 111.3 333.9

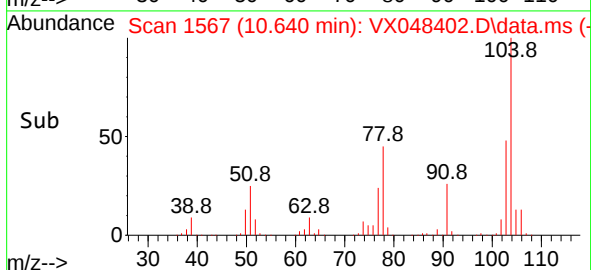
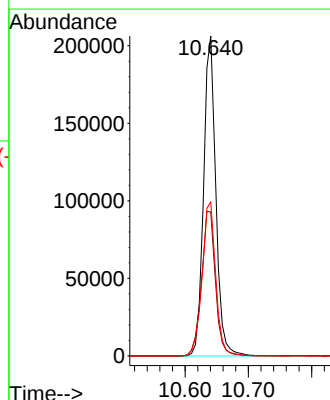
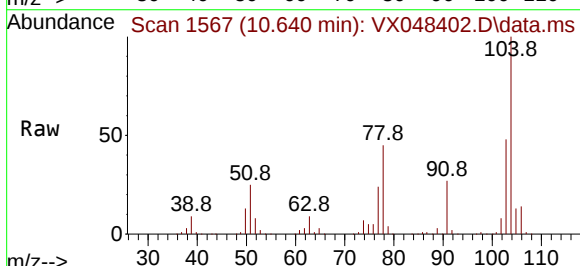
Manual Integrations
APPROVED

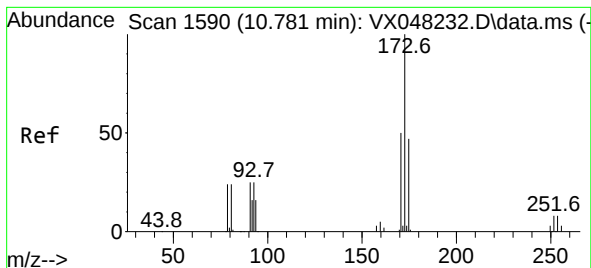
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#70
Styrene
Concen: 48.271 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion:104 Resp: 278572
Ion Ratio Lower Upper
104 100
78 51.5 42.2 63.4
103 53.6 43.0 64.4





#71

Bromoform

Concen: 39.467 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

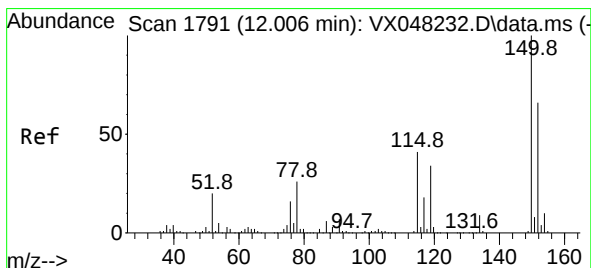
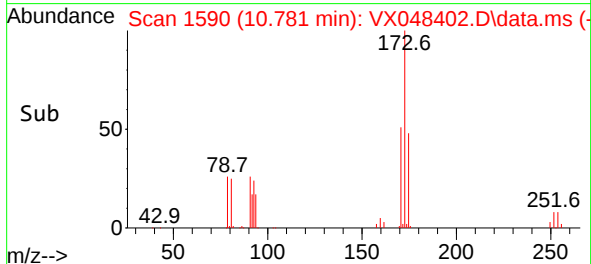
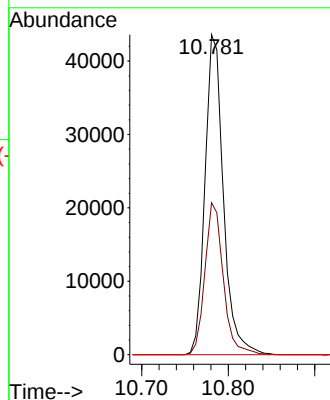
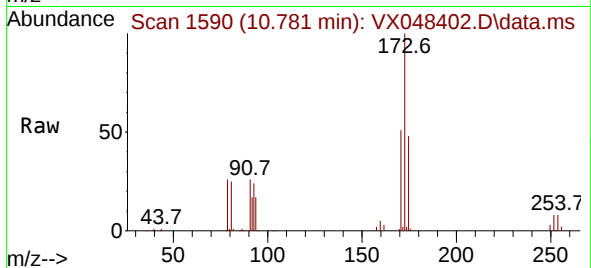
Tgt Ion:173 Resp: 64290
 Ion Ratio Lower Upper
 173 100
 175 47.5 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

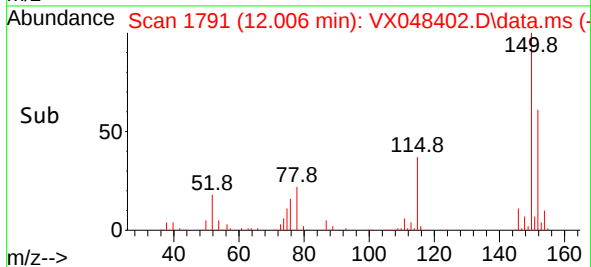
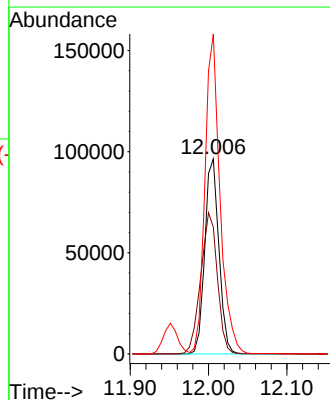
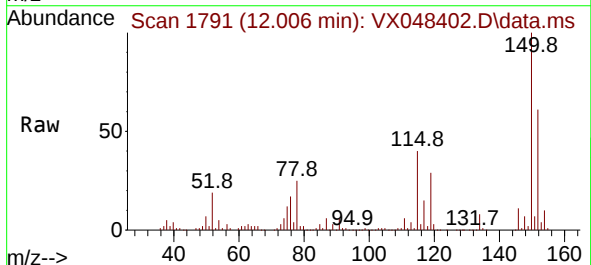
RT: 12.006 min Scan# 1791

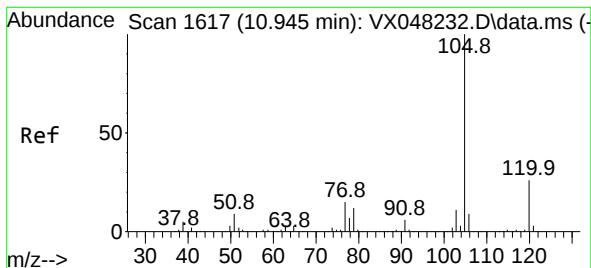
Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Tgt Ion:152 Resp: 120496
 Ion Ratio Lower Upper
 152 100
 115 85.4 43.1 129.4
 150 174.3 0.0 353.0





#73

Isopropylbenzene

Concen: 47.774 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

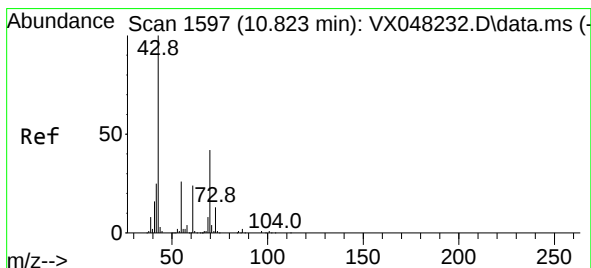
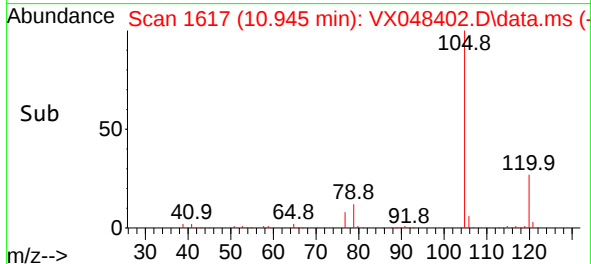
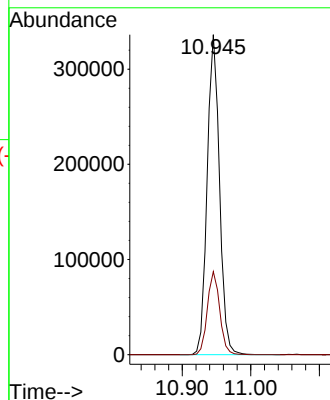
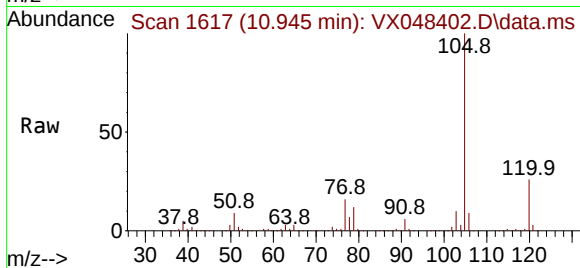
Tgt Ion:105 Resp: 42045
 Ion Ratio Lower Upper
 105 100
 120 26.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#74

N-ethyl acetate

Concen: 48.619 ug/l

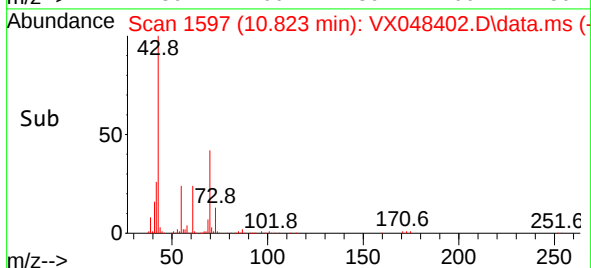
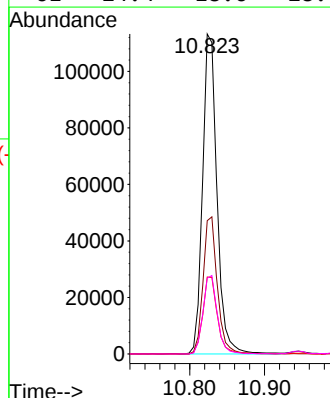
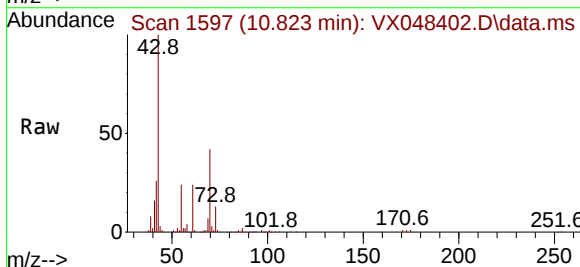
RT: 10.823 min Scan# 1597

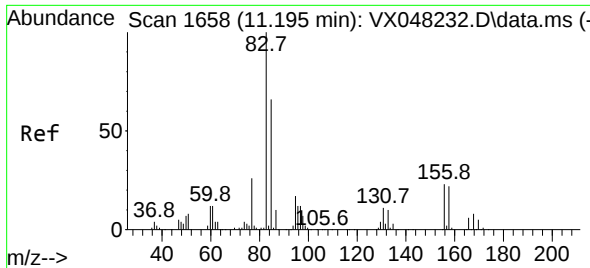
Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

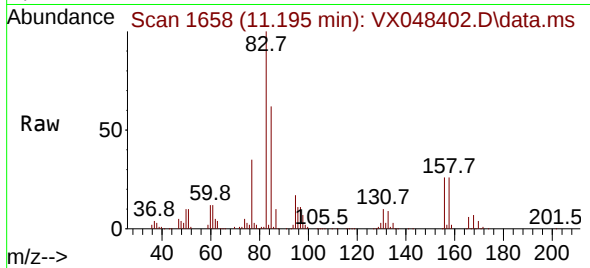
Tgt Ion: 43 Resp: 151780
 Ion Ratio Lower Upper
 43 100
 70 42.4 32.2 48.2
 55 24.3 19.1 28.7
 61 24.4 18.6 28.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.102 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VX048402.D
 Acq: 28 Oct 2025 16:12

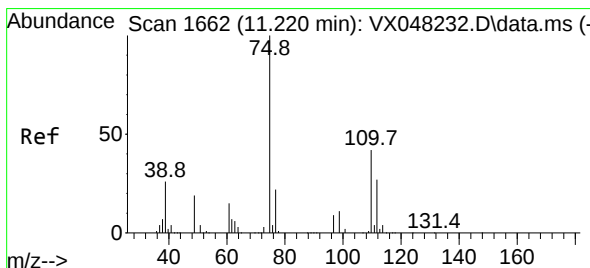
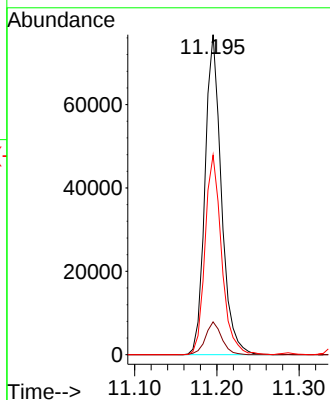
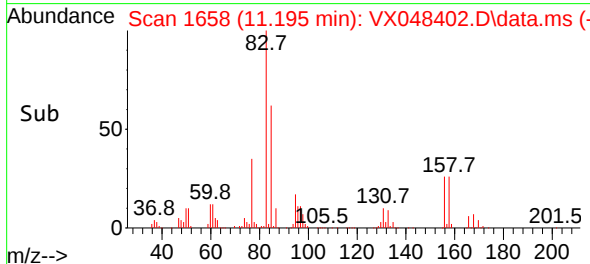
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 105990
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.8 14.4
 85 63.3 31.9 95.7

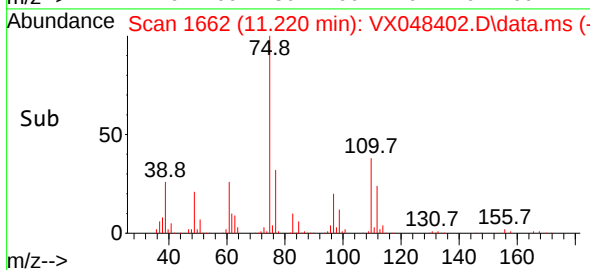
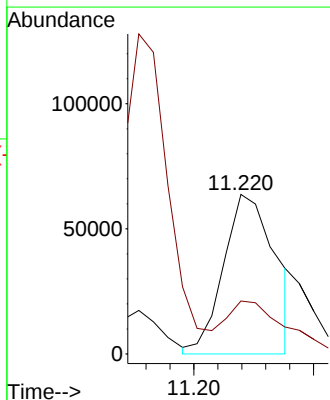
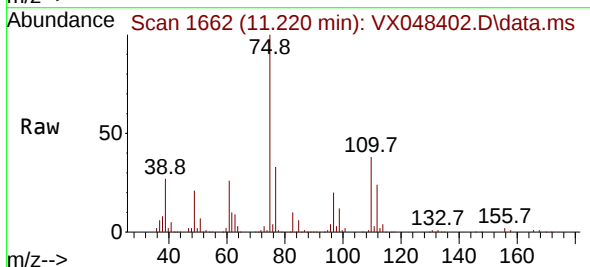
Manual Integrations
 APPROVED

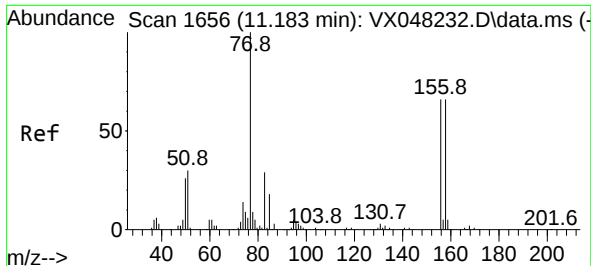
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#76
 1,2,3-Trichloropropane
 Concen: 48.851 ug/l m
 RT: 11.220 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: VX048402.D
 Acq: 28 Oct 2025 16:12

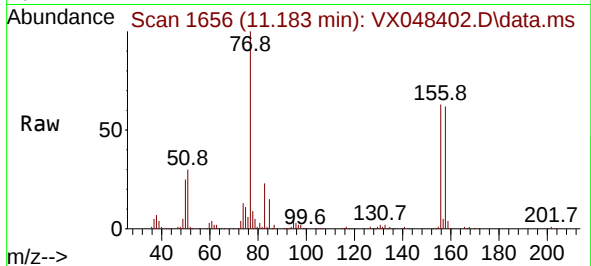
Tgt Ion: 75 Resp: 95457
 Ion Ratio Lower Upper
 75 100
 77 38.1 22.4 67.2





#77
Bromobenzene
Concen: 46.042 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

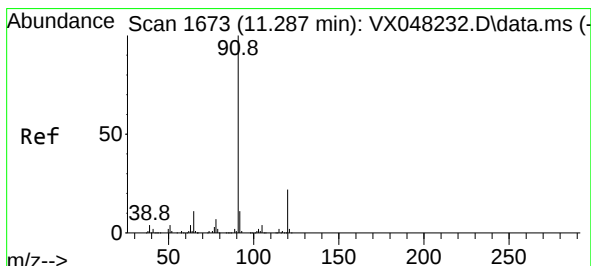
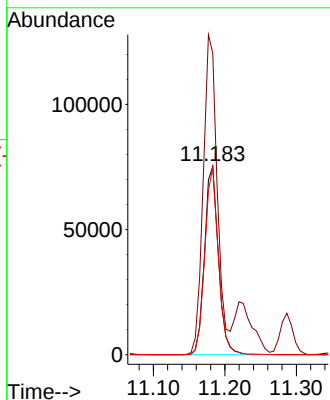
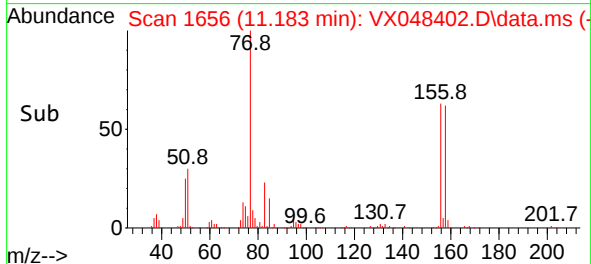
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 101604
Ion Ratio Lower Upper
156 100
77 173.0 87.0 261.0
158 97.5 47.8 143.4

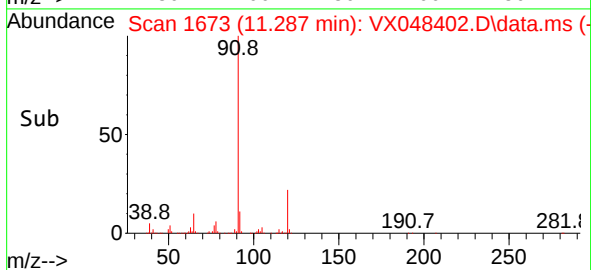
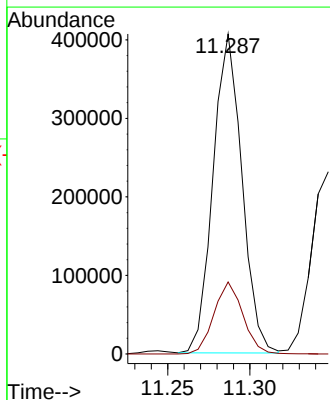
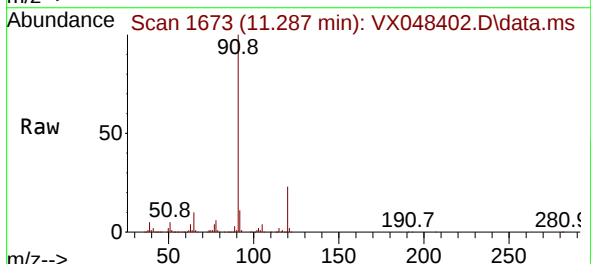
Manual Integrations
APPROVED

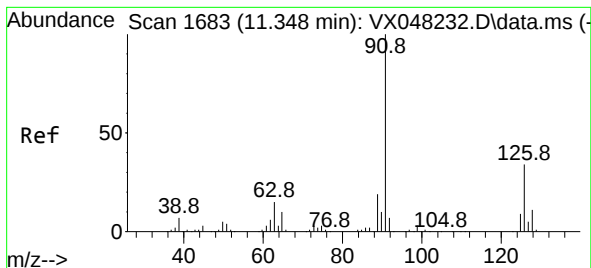
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#78
n-propylbenzene
Concen: 48.641 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion: 91 Resp: 495660
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1





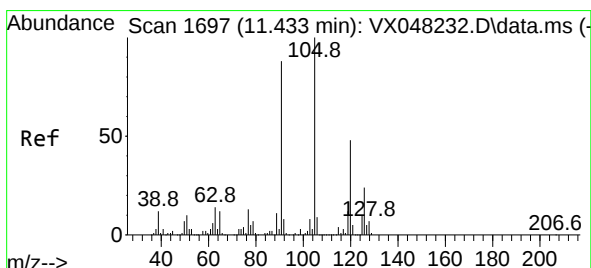
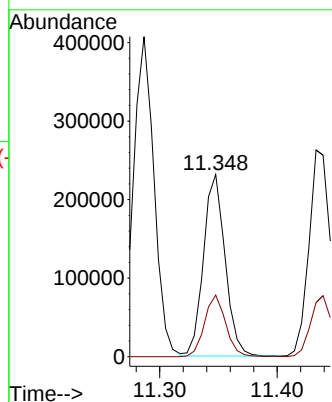
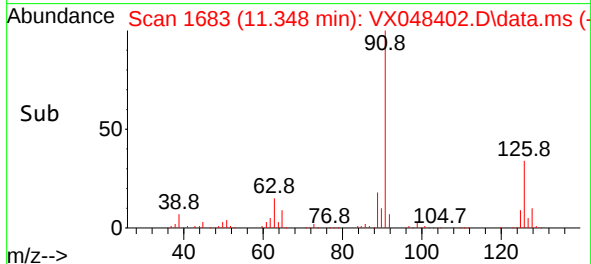
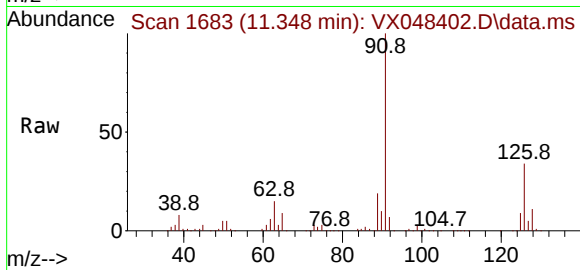
#79
2-Chlorotoluene
Concen: 47.933 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 296130
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4

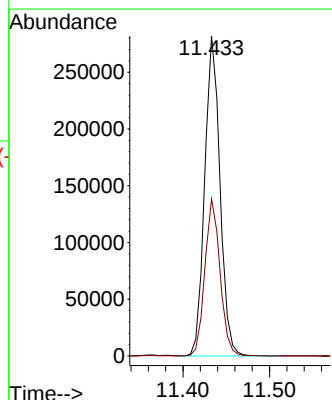
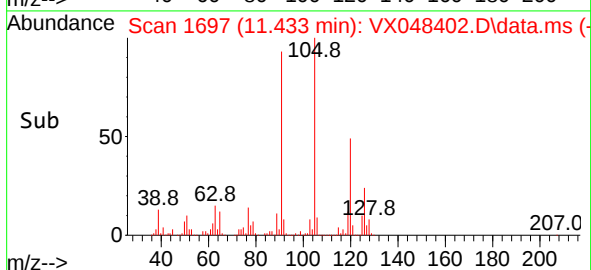
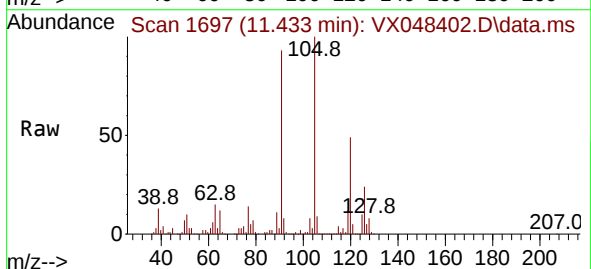
Manual Integrations
APPROVED

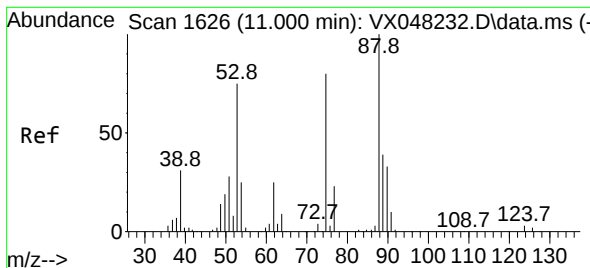
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.508 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion:105 Resp: 346016
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0





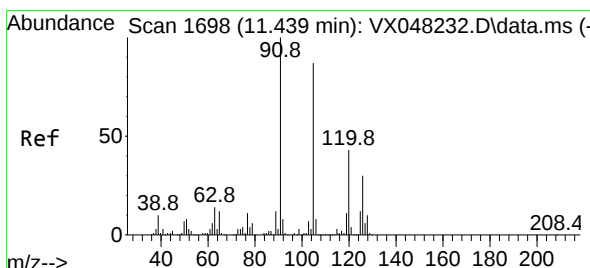
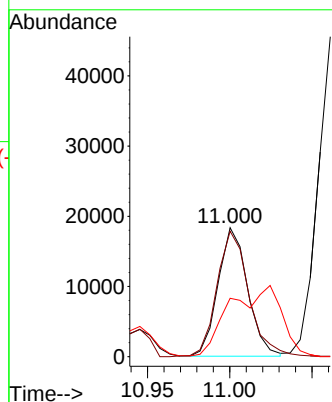
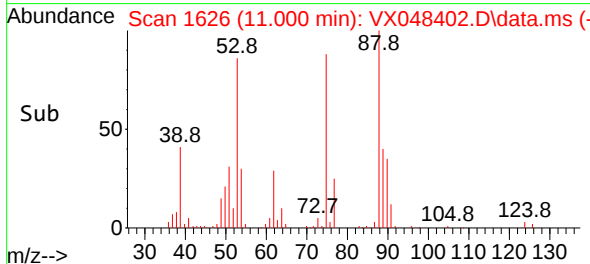
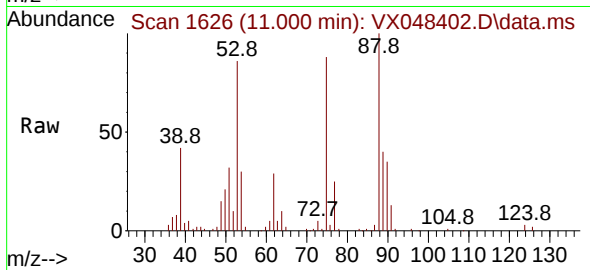
#81
trans-1,4-Dichloro-2-butene
Concen: 28.435 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 22838
Ion Ratio Lower Upper
75 100
53 106.1 79.5 119.3
89 0.0 36.8 55.2

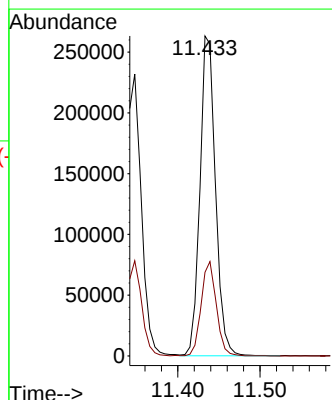
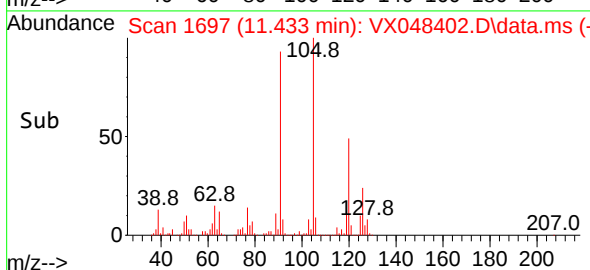
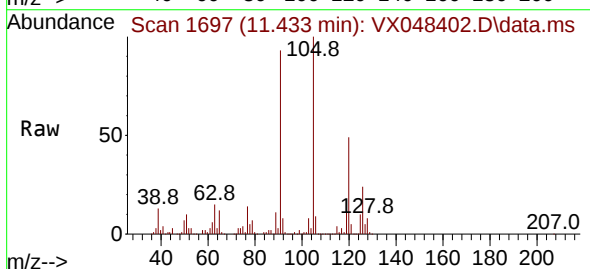
Manual Integrations
APPROVED

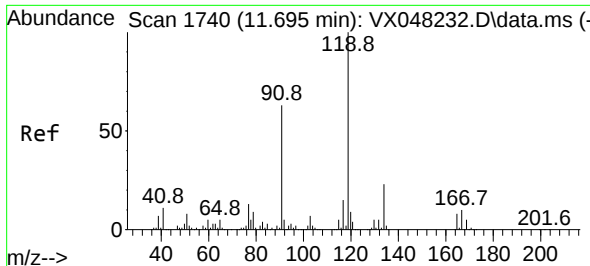
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#82
4-Chlorotoluene
Concen: 47.062 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

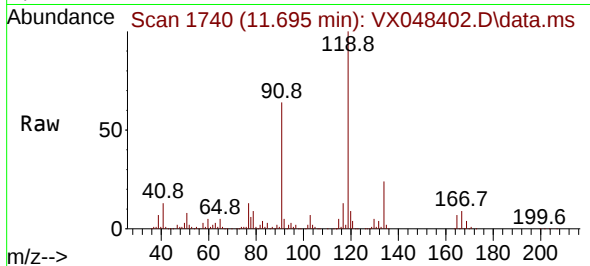
Tgt Ion: 91 Resp: 345154
Ion Ratio Lower Upper
91 100
126 28.9 14.1 42.4





#83
tert-Butylbenzene
Concen: 47.214 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

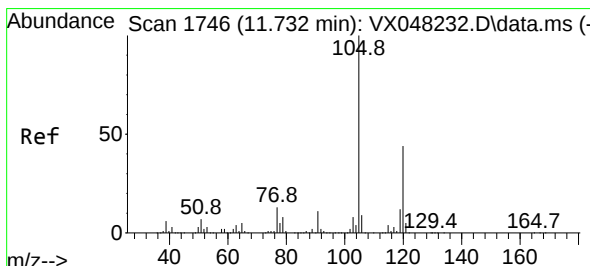
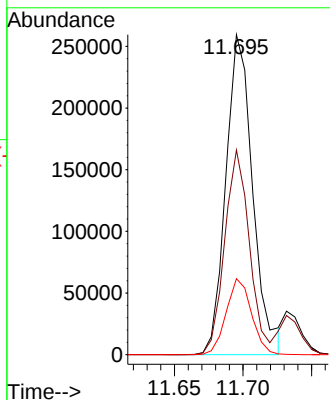
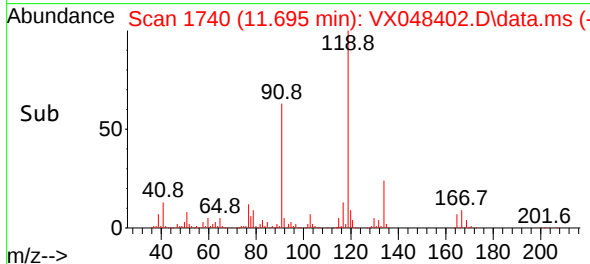
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



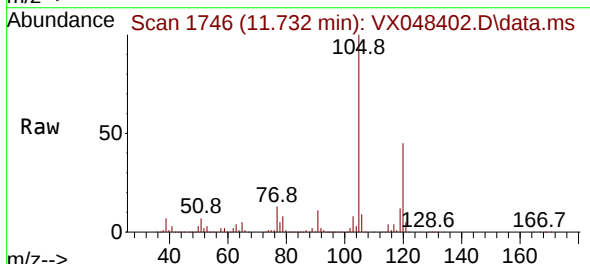
Tgt Ion:119 Resp: 35331
Ion Ratio Lower Upper
119 100
91 59.1 30.3 91.0
134 22.5 11.4 34.2

Manual Integrations
APPROVED

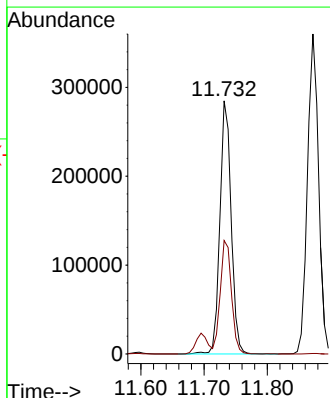
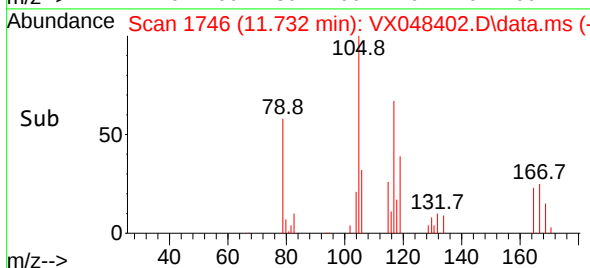
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

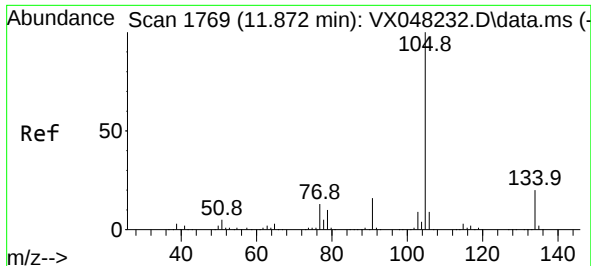


#84
1,2,4-Trimethylbenzene
Concen: 48.006 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12



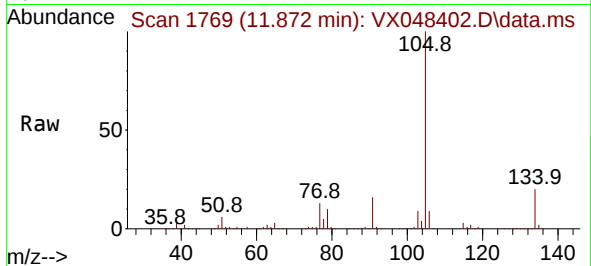
Tgt Ion:105 Resp: 348942
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 48.606 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048402.D
 Acq: 28 Oct 2025 16:12

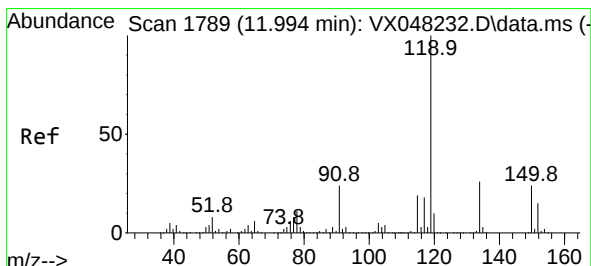
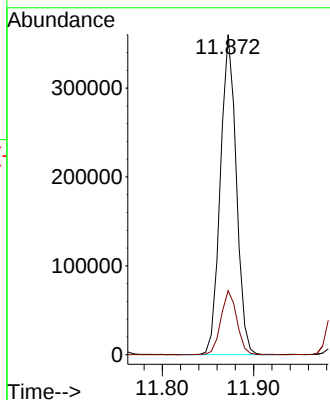
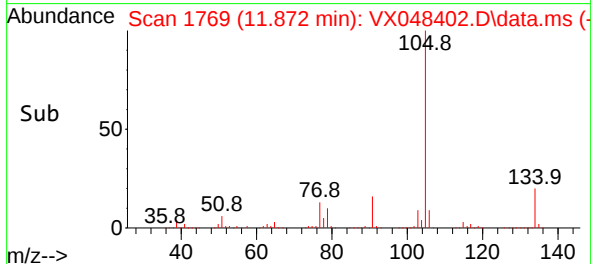
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



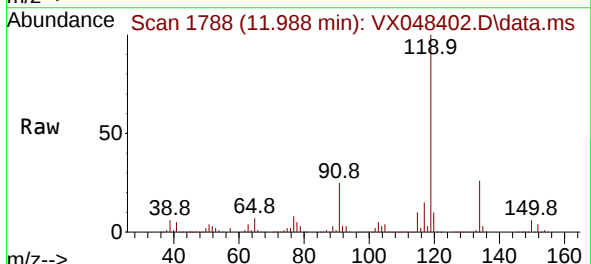
Tgt Ion:105 Resp: 437614
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

Manual Integrations
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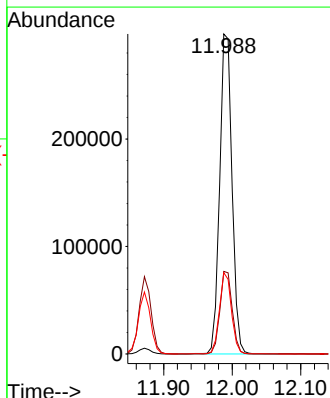
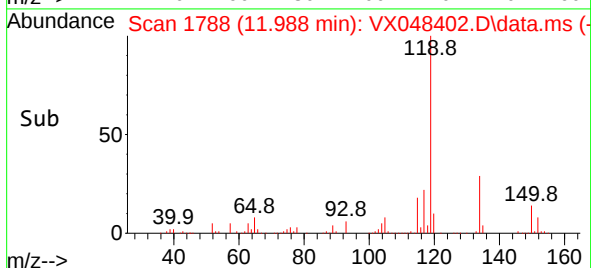
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#86
 p-Isopropyltoluene
 Concen: 47.571 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048402.D
 Acq: 28 Oct 2025 16:12



Tgt Ion:119 Resp: 370197
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 45.079 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048402.D

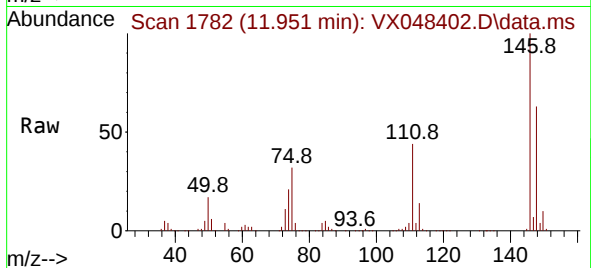
Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 18753

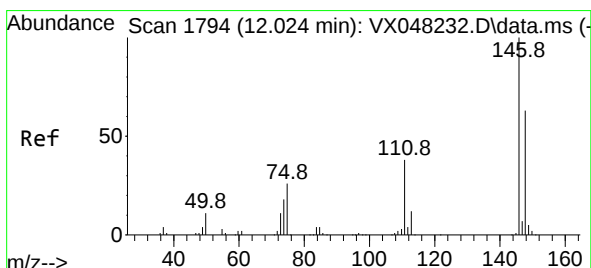
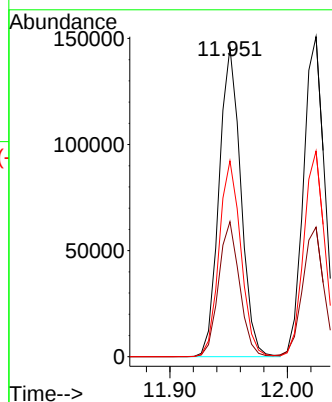
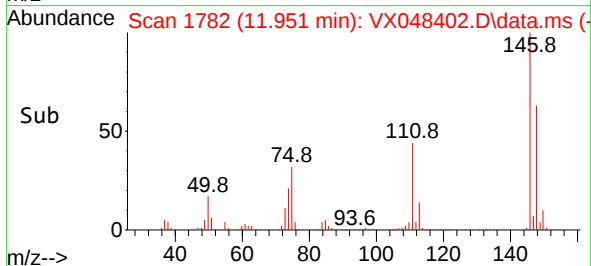
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.4	61.2
148	63.5	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#88

1,4-Dichlorobenzene

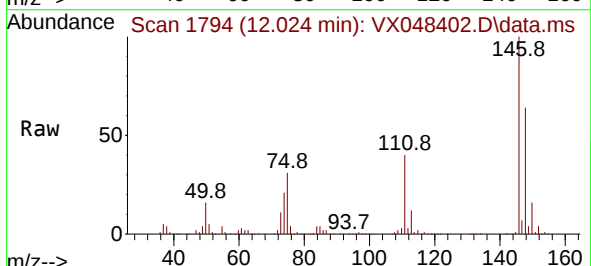
Concen: 44.158 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

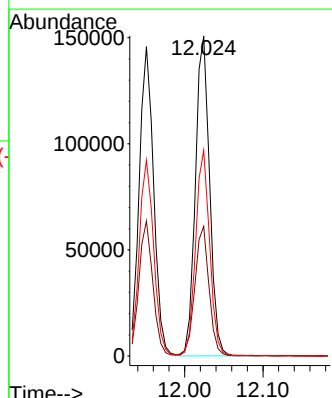
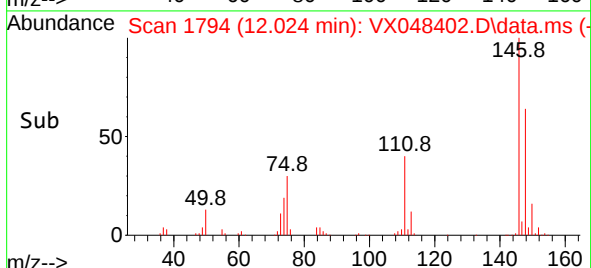
Lab File: VX048402.D

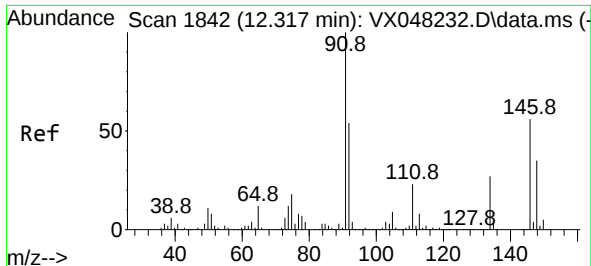
Acq: 28 Oct 2025 16:12



Tgt Ion:146 Resp: 190310

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.2
148	63.5	31.8	95.3





#89

n-Butylbenzene

Concen: 48.270 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

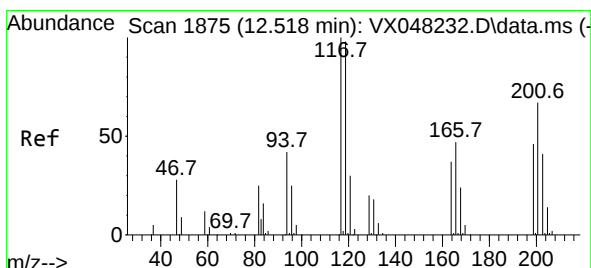
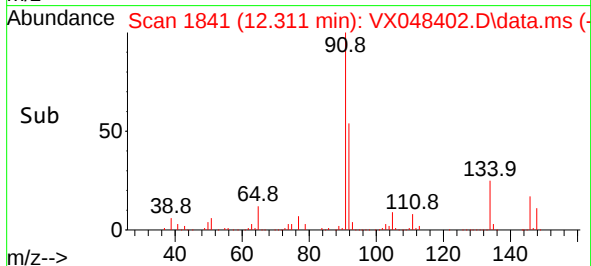
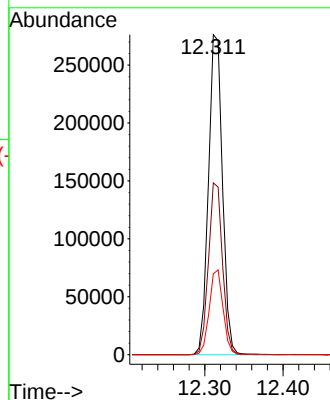
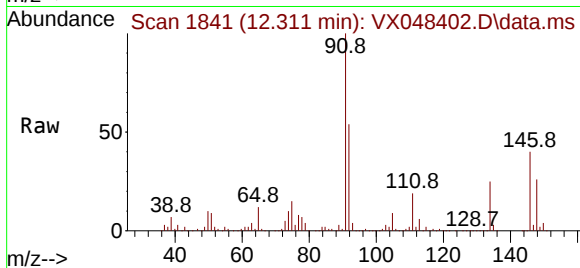
Tgt Ion: 91 Resp: 341898
 Ion Ratio Lower Upper
 91 100
 92 53.8 26.9 80.6
 134 26.1 12.7 38.1

Manual Integrations

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Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#90

Hexachloroethane

Concen: 41.360 ug/l

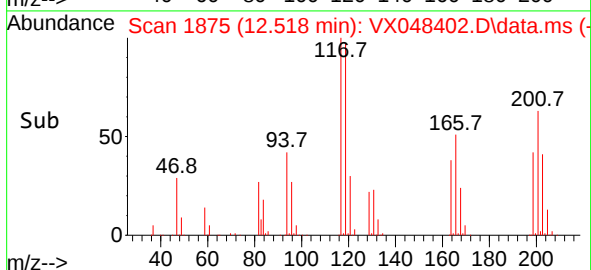
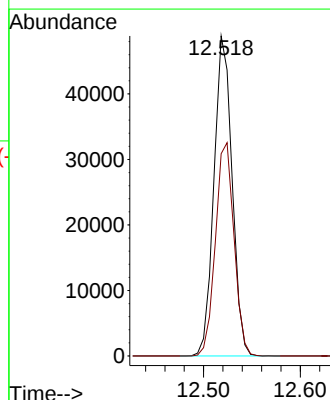
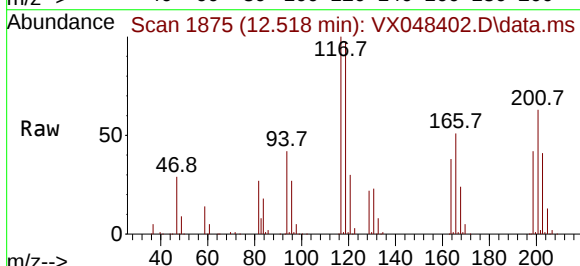
RT: 12.518 min Scan# 1875

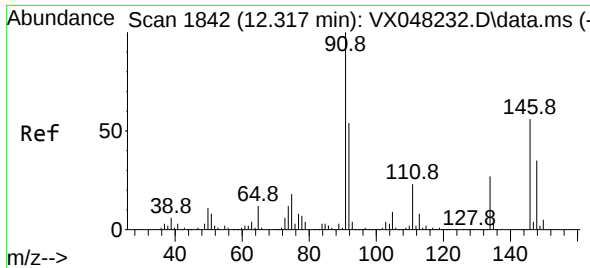
Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Tgt Ion:117 Resp: 63560
 Ion Ratio Lower Upper
 117 100
 201 68.4 34.1 102.2





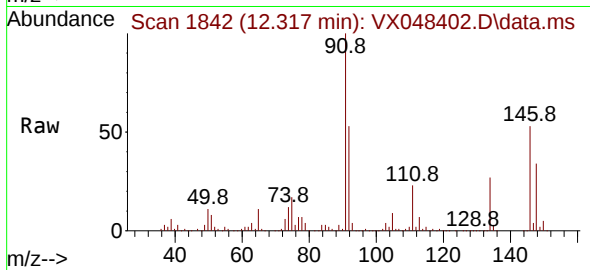
#91
 1,2-Dichlorobenzene
 Concen: 45.355 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VX048402.D
 Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



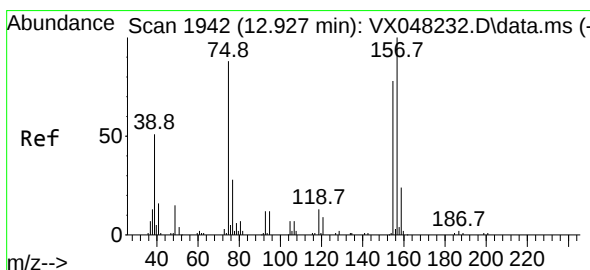
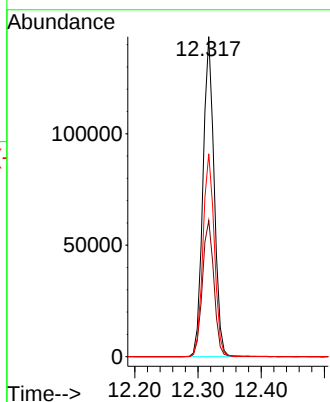
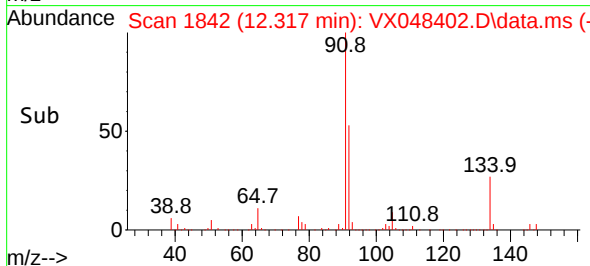
Tgt Ion:146 Resp: 17715
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.5
 148 64.4 31.9 95.5

Manual Integrations

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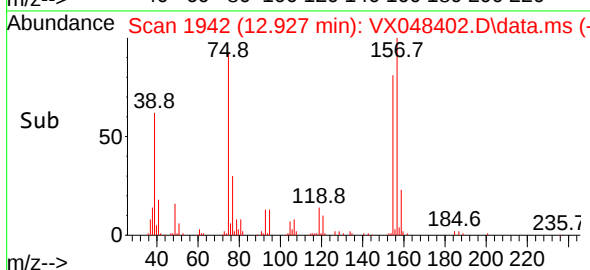
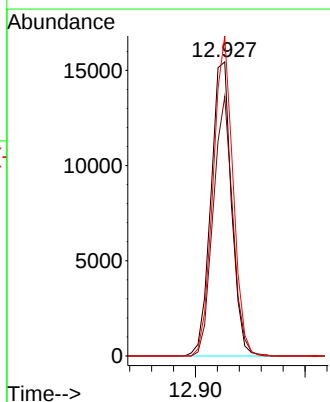
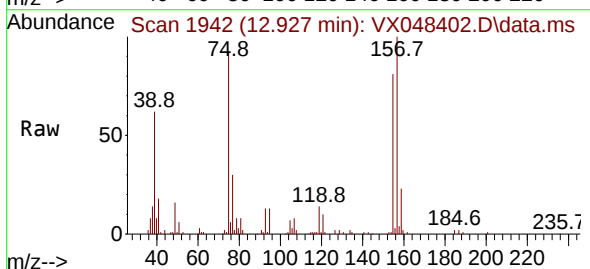
Reviewed By :John Carlone 10/29/2025

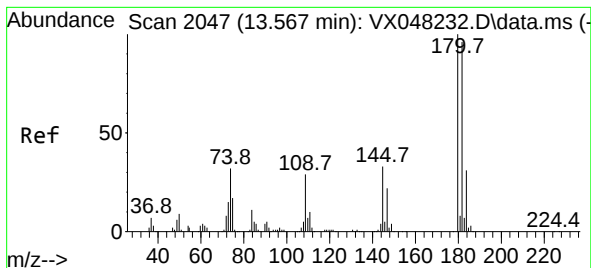
Supervised By :Mahesh Dadoda 10/29/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.188 ug/l
 RT: 12.927 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VX048402.D
 Acq: 28 Oct 2025 16:12

Tgt Ion: 75 Resp: 20094
 Ion Ratio Lower Upper
 75 100
 155 83.8 42.8 128.4
 157 105.0 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 45.511 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

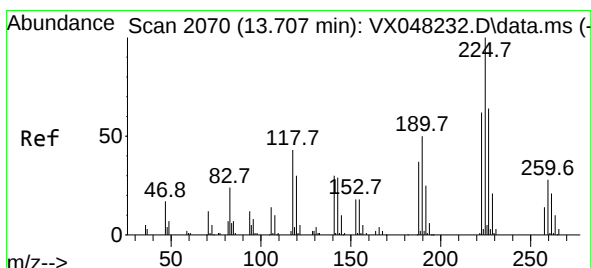
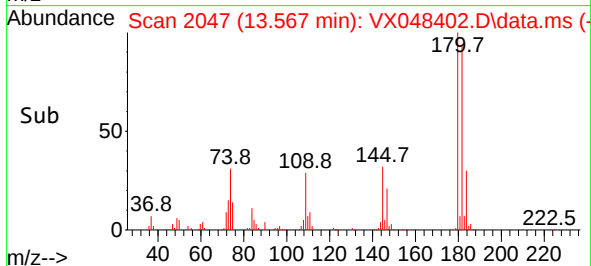
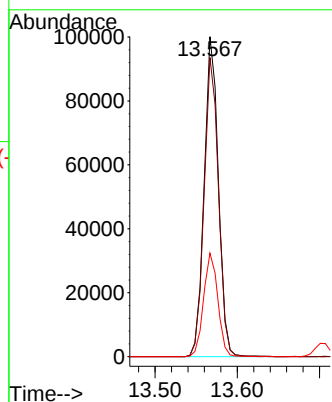
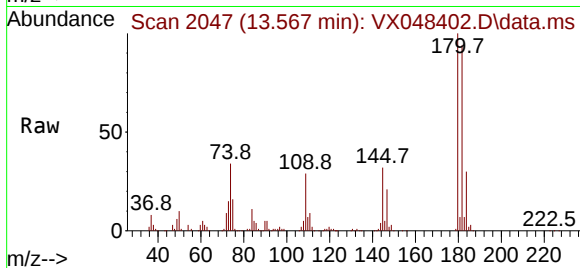
Tgt Ion:180	Resp: 120214
Ion Ratio	Lower Upper
180	100
182	94.3 47.3 142.0
145	32.5 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#94

Hexachlorobutadiene

Concen: 49.555 ug/l

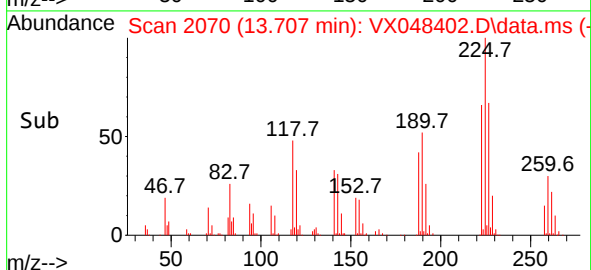
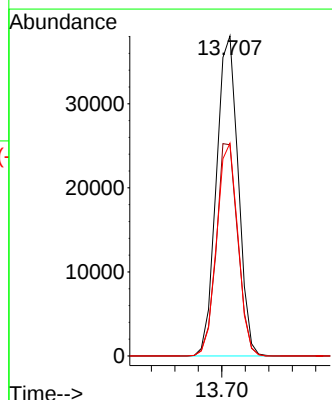
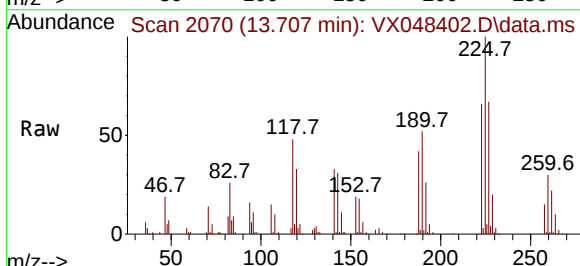
RT: 13.707 min Scan# 2070

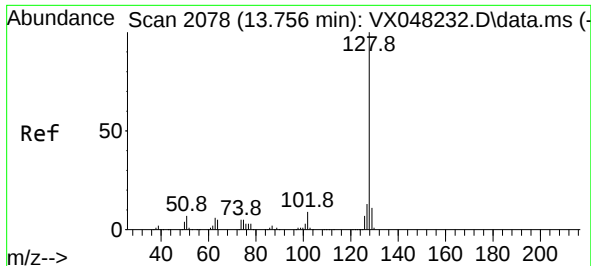
Delta R.T. 0.006 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

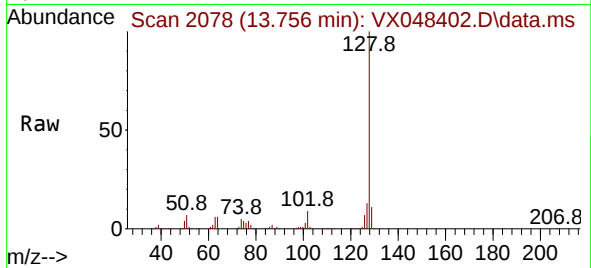
Tgt Ion:225	Resp: 49049
Ion Ratio	Lower Upper
225	100
223	65.5 32.6 97.7
227	64.7 32.5 97.4





#95
Naphthalene
Concen: 45.963 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

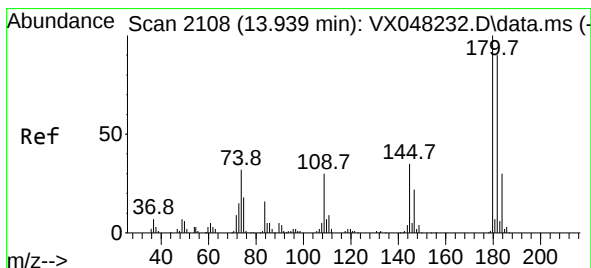
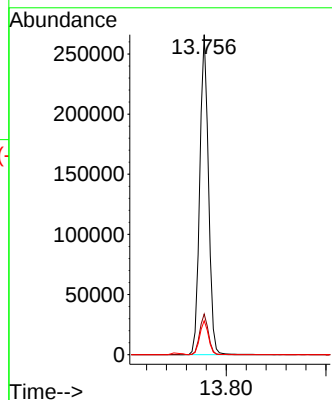
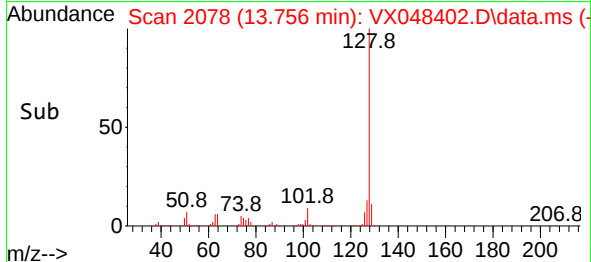
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 321650
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.623 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048402.D
Acq: 28 Oct 2025 16:12

Tgt Ion:180 Resp: 113007
Ion Ratio Lower Upper
180 100
182 95.0 46.6 139.7
145 34.2 16.9 50.7

