

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048376.D
 Acq On : 27 Oct 2025 16:45
 Operator : JC/MD
 Sample : Q3447-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-TW1-251023-01

Quant Time: Oct 28 01:56:46 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	137738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	279749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113306	58.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.340%#	
35) Dibromofluoromethane	5.379	113	78712	41.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 82.420%	
50) Toluene-d8	8.635	98	318521	47.582	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.160%	
62) 4-Bromofluorobenzene	11.061	95	142005	55.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.520%	

Target Compounds				Qvalue		
6) Chloroethane	1.697	64	478	0.665	ug/l #	81
10) Methyl Iodide	2.465	142	1580	0.846	ug/l #	91
11) Tert butyl alcohol	2.928	59	169	0.881	ug/l #	72
13) Acrolein	2.233	56	598	3.058	ug/l #	1
14) Allyl chloride	2.709	41	747	0.311	ug/l #	55
16) Acetone	2.374	43	33669	50.821	ug/l	95
17) Carbon Disulfide	2.520	76	3006	0.660	ug/l #	94
18) Methyl Acetate	2.709	43	2286	1.652	ug/l #	62
20) Methylene Chloride	2.794	84	7025	4.352	ug/l	93
25) 2-Butanone	4.562	43	10549	12.580	ug/l #	87
31) Cyclohexane	5.458	56	4974	2.075	ug/l	98
36) 1,1-Dichloropropene	5.538	75	11844	4.363	ug/l #	50
37) Ethyl Acetate	4.562	43	10549	4.689	ug/l #	70
38) Carbon Tetrachloride	5.538	117	15032	4.489	ug/l #	16
39) Methylcyclohexane	7.367	83	3648	1.138	ug/l	90
40) Benzene	6.025	78	54453	6.909	ug/l	96
43) Isopropyl Acetate	6.330	43	8523	2.306	ug/l #	94
48) Methyl methacrylate	7.580	41	940	0.504	ug/l #	45
51) 4-Methyl-2-Pentanone	8.531	43	25105	11.781	ug/l #	46
52) Toluene	8.702	92	89735	17.923	ug/l	100
54) cis-1,3-Dichloropropene	8.531	75	9937	3.032	ug/l #	59
57) 1,3-Dichloropropane	9.470	76	725	0.228	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.129	63	26	1.715	ug/l #	47
59) 2-Hexanone	9.421	43	2370	1.595	ug/l	87
67) Ethyl Benzene	10.177	91	37498	3.398	ug/l	99
68) m/p-Xylenes	10.287	106	56688	13.826	ug/l	96
69) o-Xylene	10.622	106	33552	8.476	ug/l	98
70) Styrene	10.628	104	2067	0.307	ug/l #	1
73) Isopropylbenzene	10.945	105	4594	0.415	ug/l	97
76) 1,2,3-Trichloropropane	11.061	75	75668	30.818	ug/l #	33
78) n-propylbenzene	11.287	91	7452	0.582	ug/l	99
79) 2-Chlorotoluene	11.360	91	7120	0.917	ug/l #	50
80) 1,3,5-Trimethylbenzene	11.433	105	18215	1.990	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.061	75	75668	74.979	ug/l #	10
82) 4-Chlorotoluene	11.433	91	2327	0.253	ug/l #	46
83) tert-Butylbenzene	11.951	119	4994	0.531	ug/l	71

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048376.D
 Acq On : 27 Oct 2025 16:45
 Operator : JC/MD
 Sample : Q3447-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-TW1-251023-01

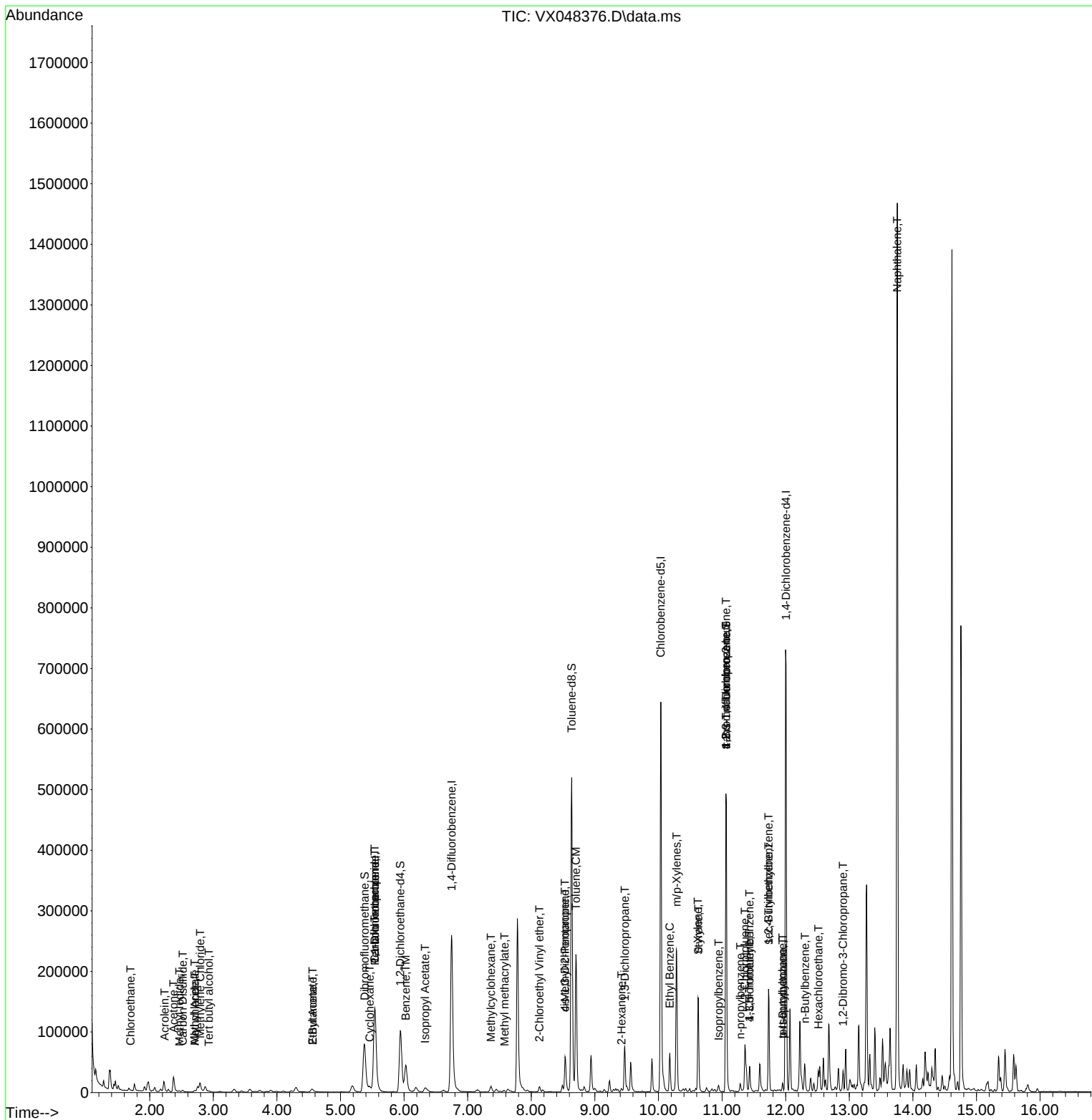
Quant Time: Oct 28 01:56:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

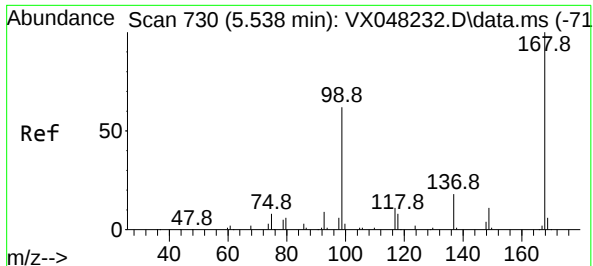
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.732	105	74741	8.183	ug/l	99
85) sec-Butylbenzene	11.732	105	74741	6.607	ug/l #	56
86) p-Isopropyltoluene	11.951	119	4994	0.511	ug/l	92
89) n-Butylbenzene	12.305	91	6041	0.679	ug/l #	17
90) Hexachloroethane	12.518	117	1950	1.010	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	12.902	75	123	0.201	ug/l #	1
95) Naphthalene	13.756	128	862778	98.118	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

Quant Time: Oct 28 01:56:46 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

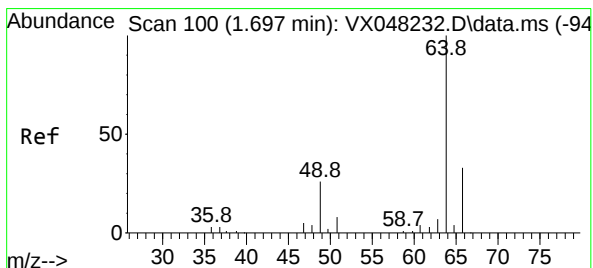
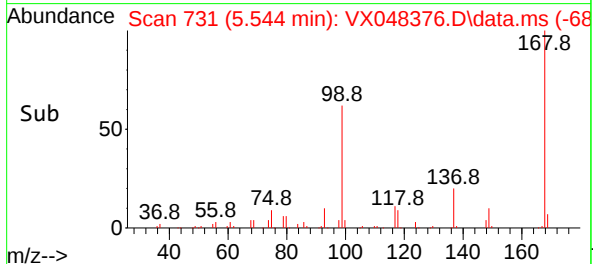
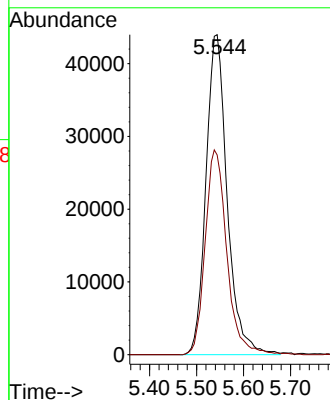
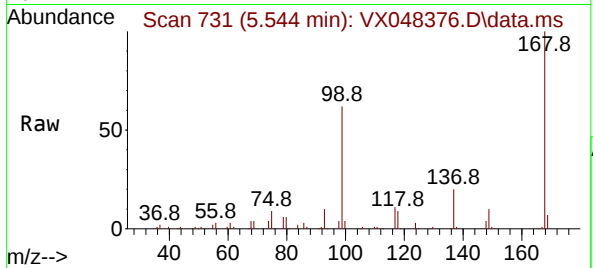




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

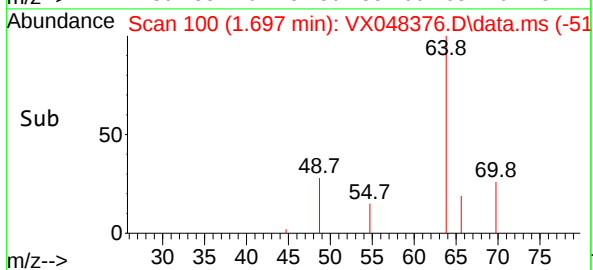
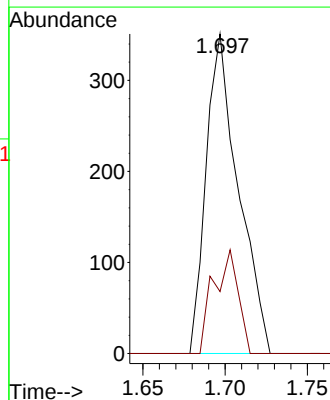
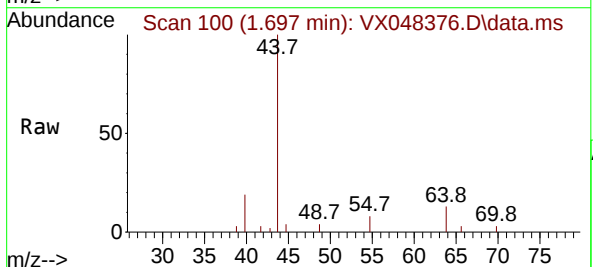
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

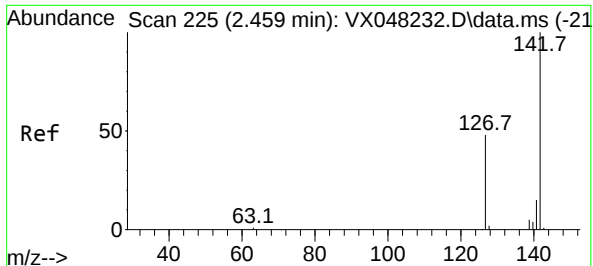
Tgt Ion:168 Resp: 137738
Ion Ratio Lower Upper
168 100
99 62.4 46.4 69.6



#6
Chloroethane
Concen: 0.665 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 64 Resp: 478
Ion Ratio Lower Upper
64 100
66 19.4 23.9 35.9#

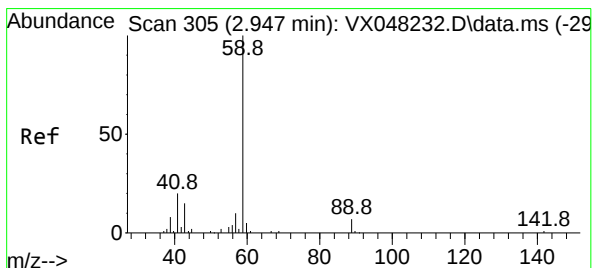
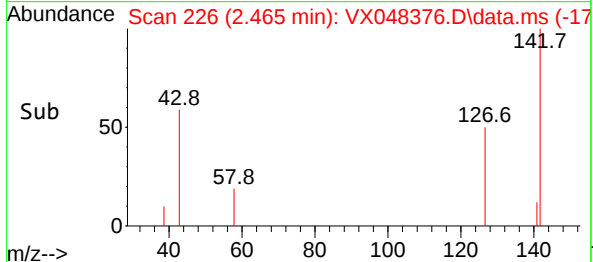
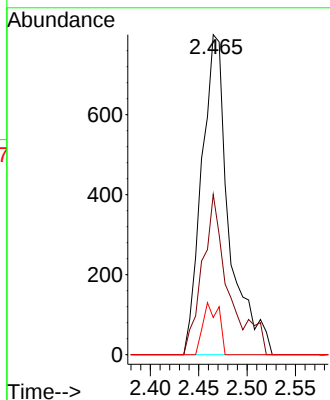
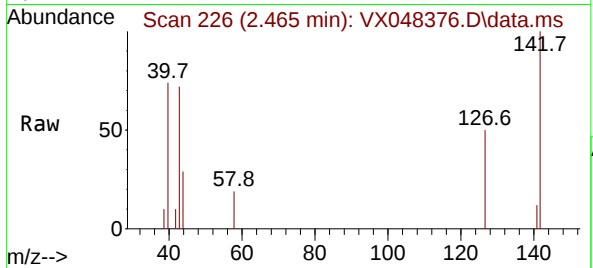




#10
Methyl Iodide
Concen: 0.846 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

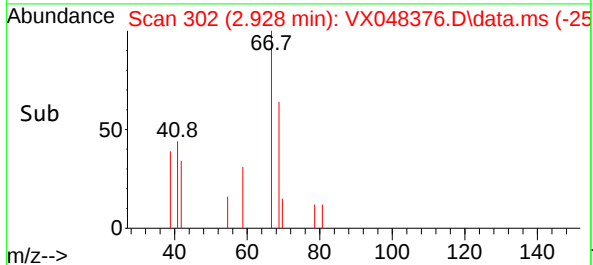
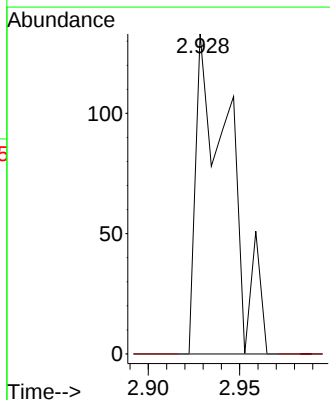
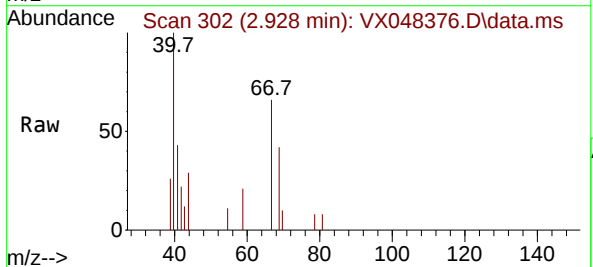
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

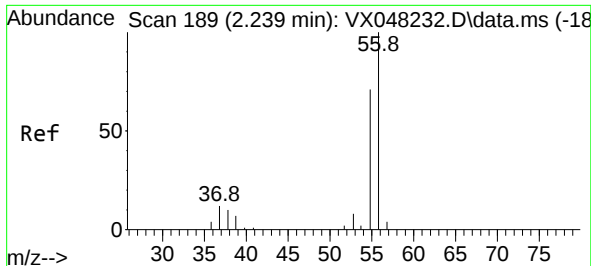
Tgt Ion:142 Resp: 1580
Ion Ratio Lower Upper
142 100
127 42.6 38.5 57.7
141 9.4 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.881 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.012 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 3.058 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048376.D

Acq: 27 Oct 2025 16:45

Instrument :

MSVOA_X

ClientSampleId :

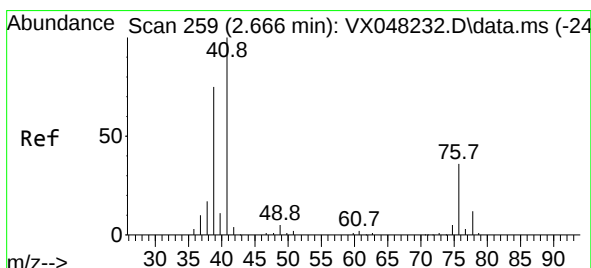
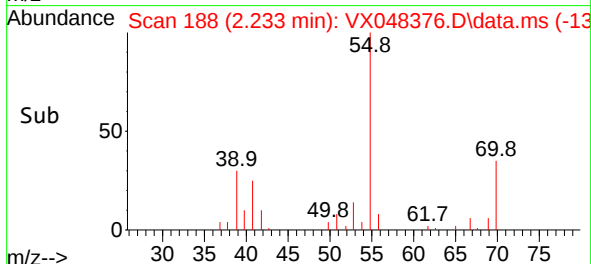
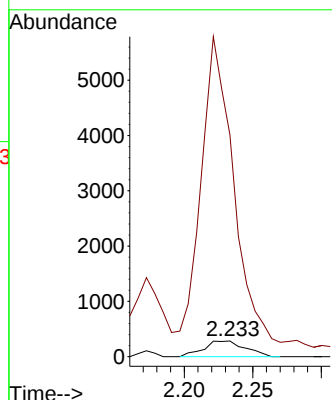
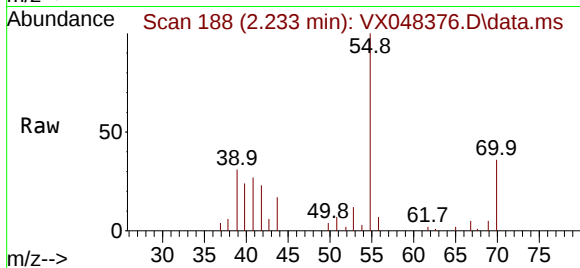
P001-TW1-251023-01

Tgt Ion: 56 Resp: 598

Ion Ratio Lower Upper

56 100

55 1813.2 56.1 84.1#



#14

Allyl chloride

Concen: 0.311 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.043 min

Lab File: VX048376.D

Acq: 27 Oct 2025 16:45

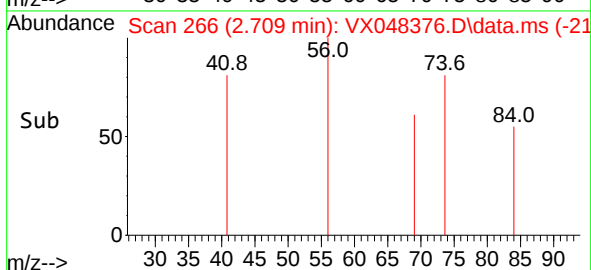
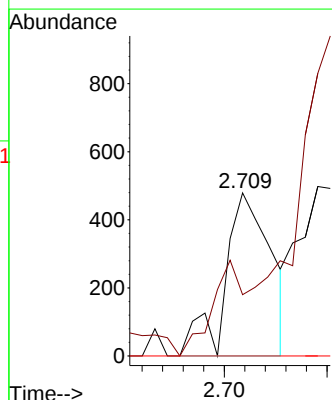
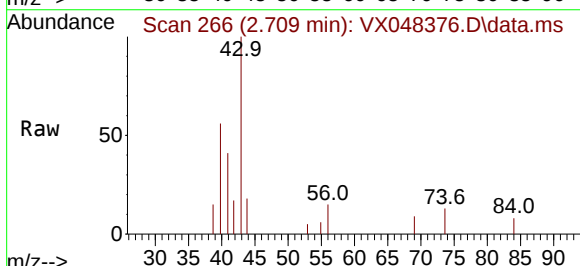
Tgt Ion: 41 Resp: 747

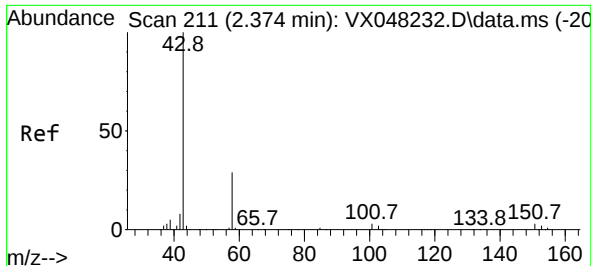
Ion Ratio Lower Upper

41 100

39 38.7 56.0 84.0#

76 0.0 27.5 41.3#

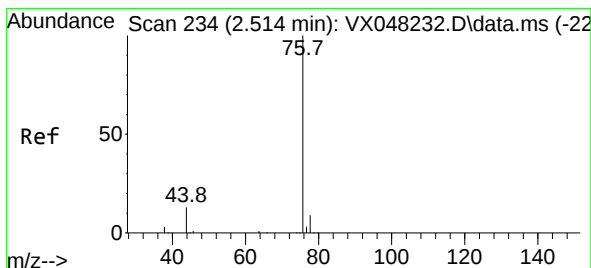
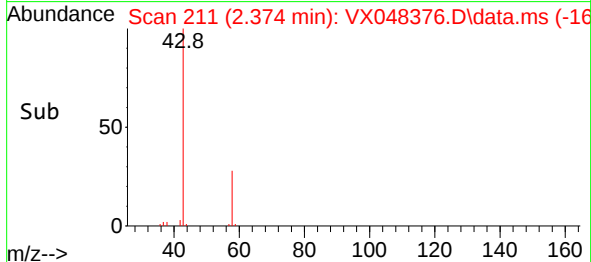
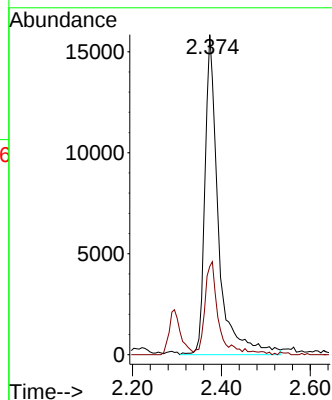
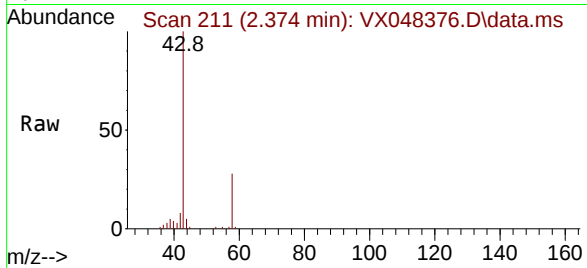




#16
Acetone
Concen: 50.821 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

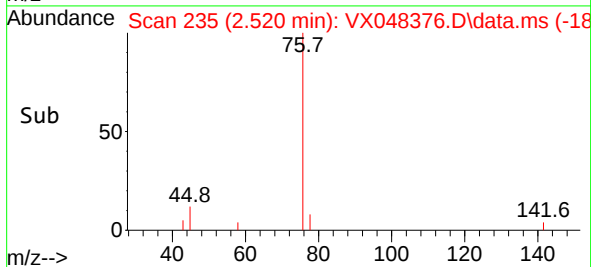
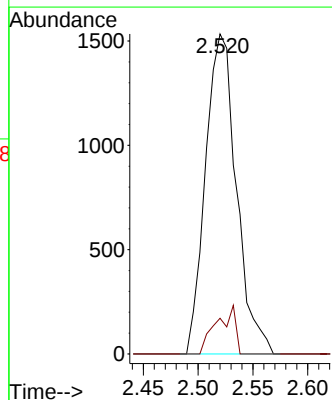
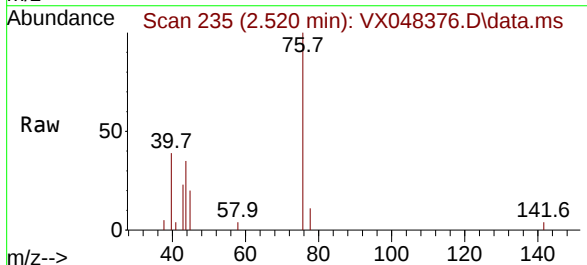
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

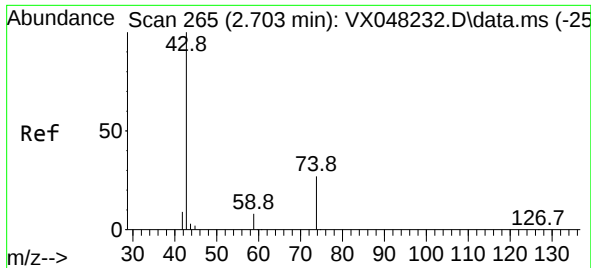
Tgt Ion: 43 Resp: 33669
Ion Ratio Lower Upper
43 100
58 26.8 23.4 35.2



#17
Carbon Disulfide
Concen: 0.660 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 76 Resp: 3006
Ion Ratio Lower Upper
76 100
78 11.1 7.1 10.7#

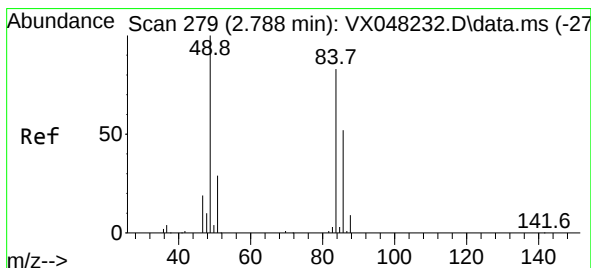
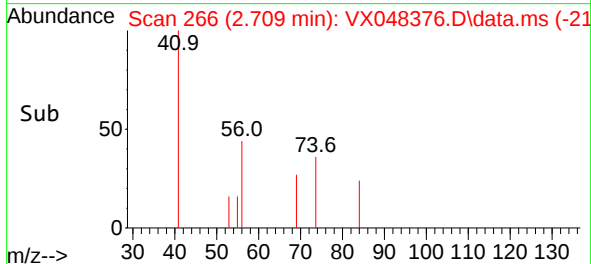
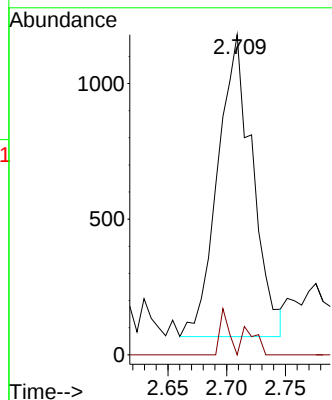
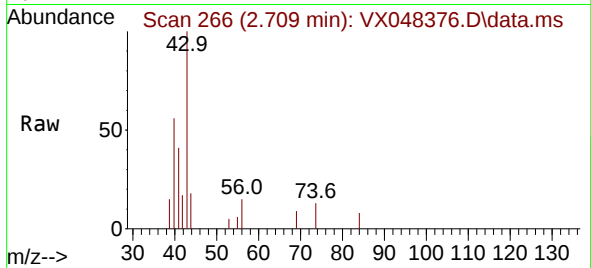




#18
Methyl Acetate
Concen: 1.652 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

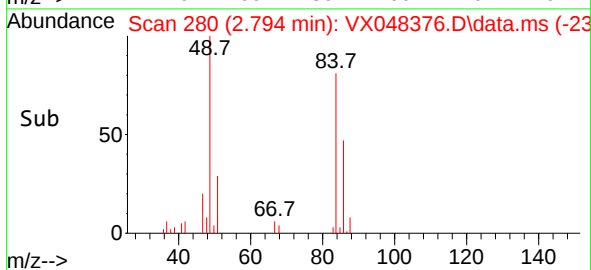
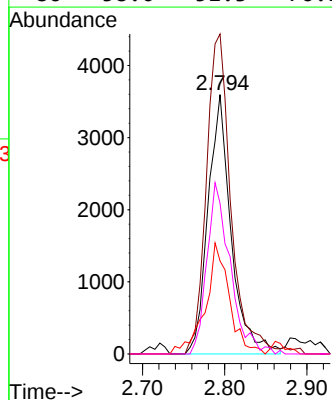
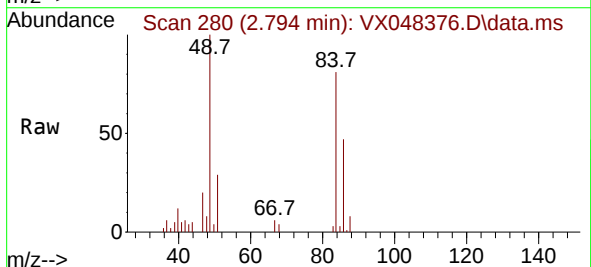
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

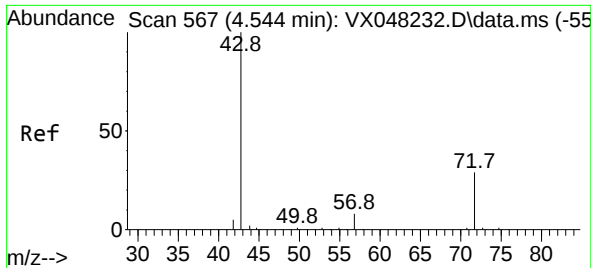
Tgt Ion: 43 Resp: 2286
Ion Ratio Lower Upper
43 100
74 3.9 17.5 26.3#



#20
Methylene Chloride
Concen: 4.352 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 84 Resp: 7025
Ion Ratio Lower Upper
84 100
49 123.4 104.1 156.1
51 33.6 31.3 46.9
86 58.0 51.3 76.9

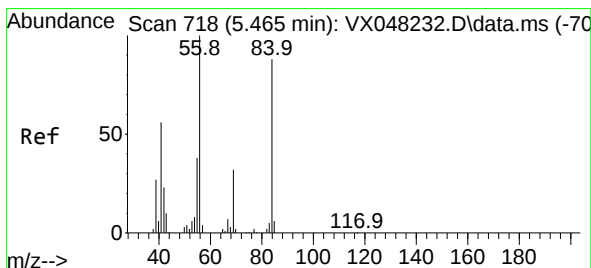
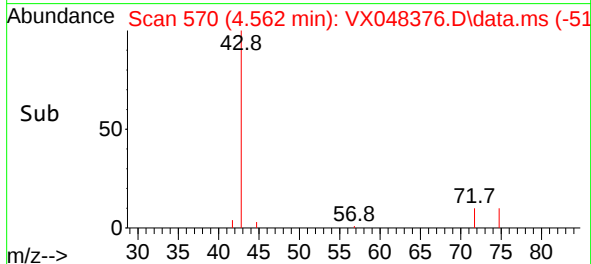
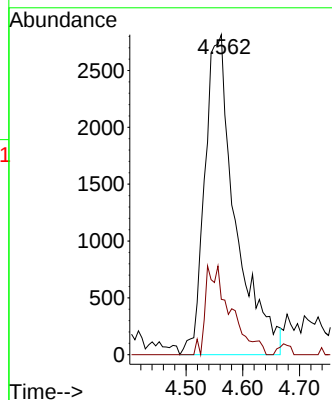
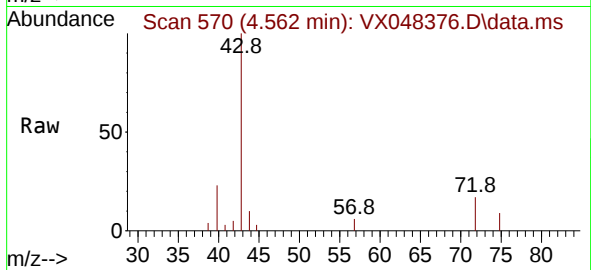




#25
2-Butanone
Concen: 12.580 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

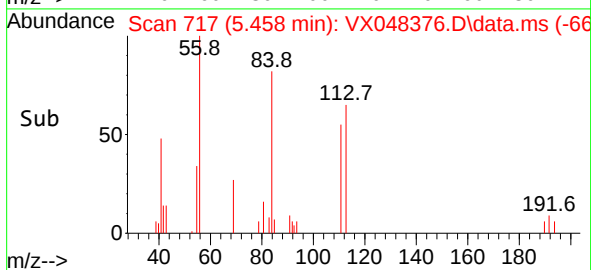
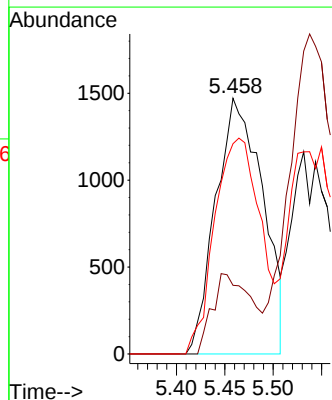
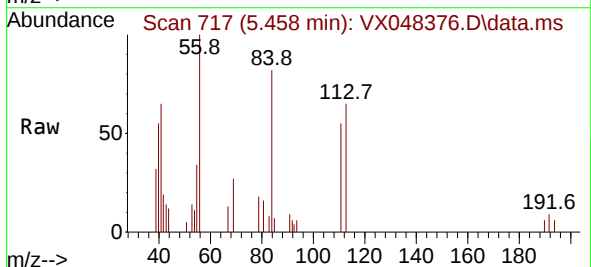
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

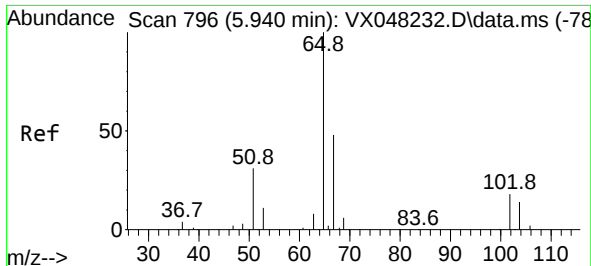
Tgt Ion: 43 Resp: 10549
Ion Ratio Lower Upper
43 100
72 18.6 19.9 29.9#



#31
Cyclohexane
Concen: 2.075 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 56 Resp: 4974
Ion Ratio Lower Upper
56 100
69 26.9 23.0 34.6
84 82.3 64.6 97.0

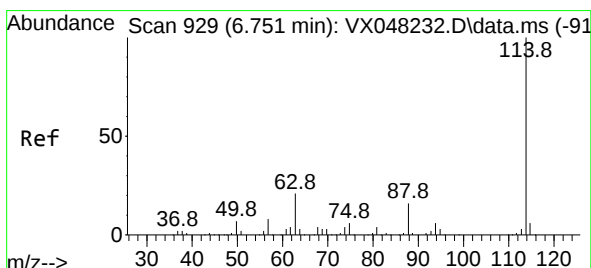
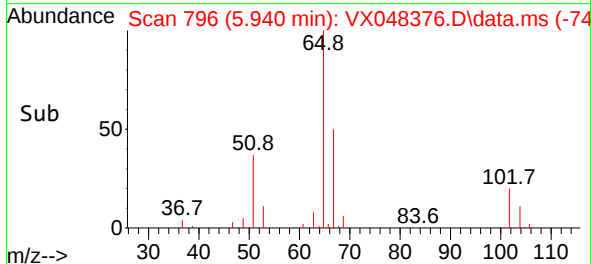
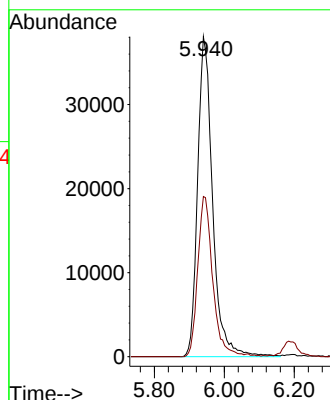
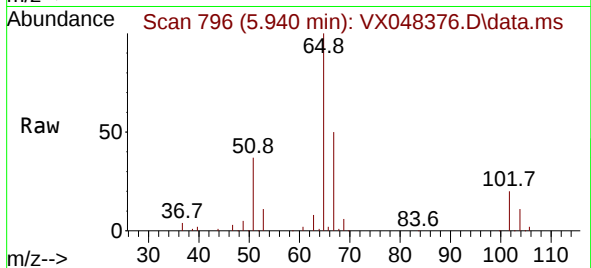




#33
 1,2-Dichloroethane-d4
 Concen: 58.672 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048376.D
 Acq: 27 Oct 2025 16:45

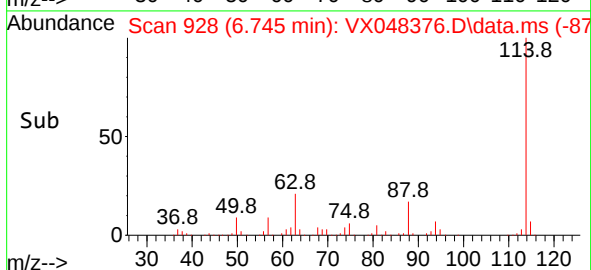
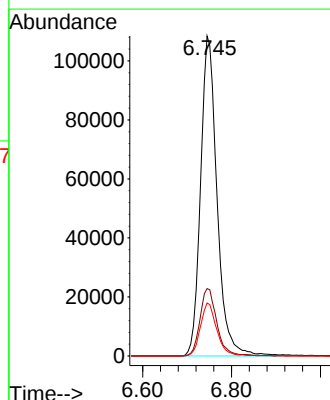
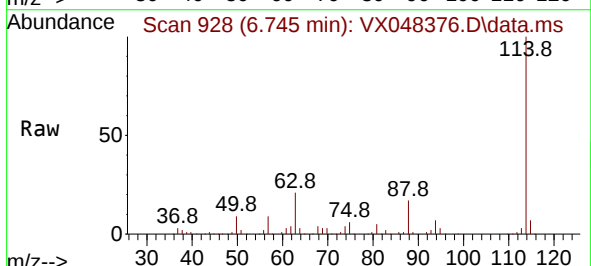
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-TW1-251023-01

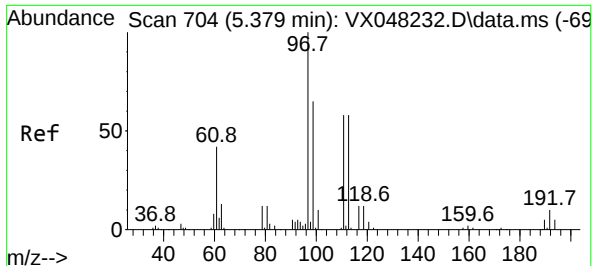
Tgt Ion: 65 Resp: 113306
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048376.D
 Acq: 27 Oct 2025 16:45

Tgt Ion: 114 Resp: 279749
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 16.6 0.0 33.6

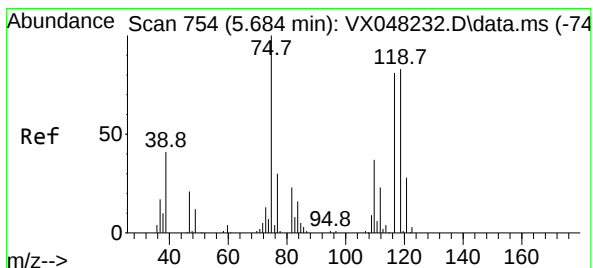
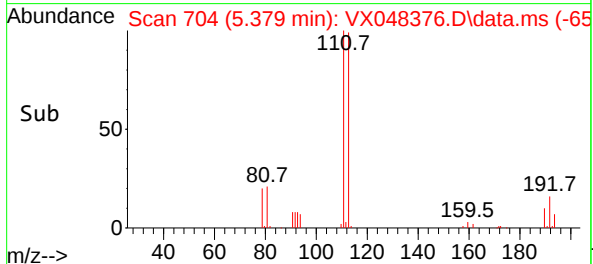
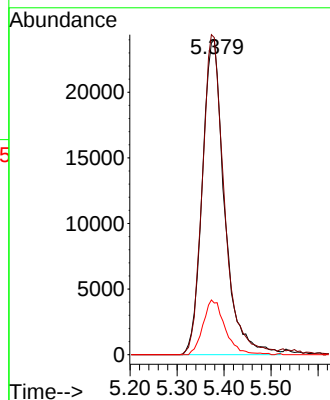
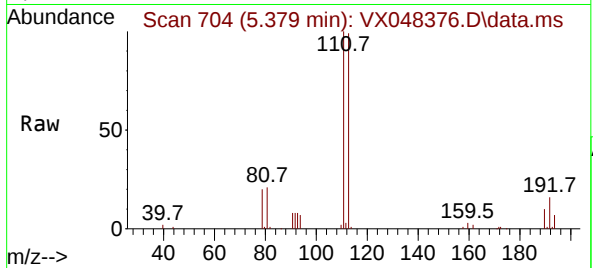




#35
Dibromofluoromethane
Concen: 41.214 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

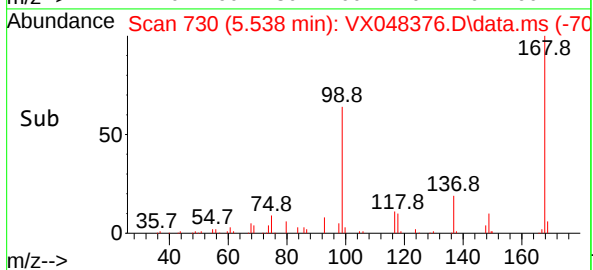
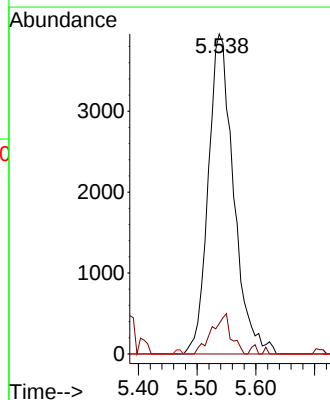
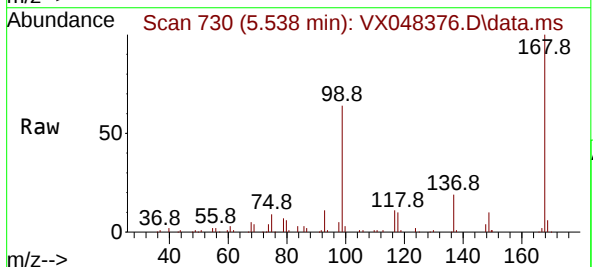
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

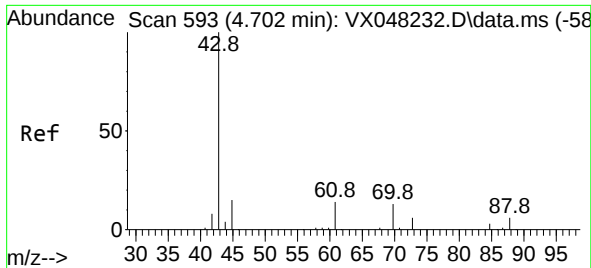
Tgt Ion:113 Resp: 78712
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 17.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.363 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 75 Resp: 11844
Ion Ratio Lower Upper
75 100
110 9.5 17.7 53.1#
77 0.0 24.3 36.5#

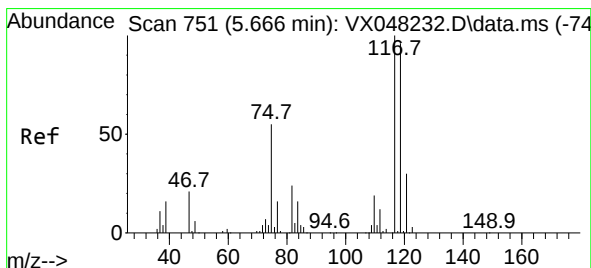
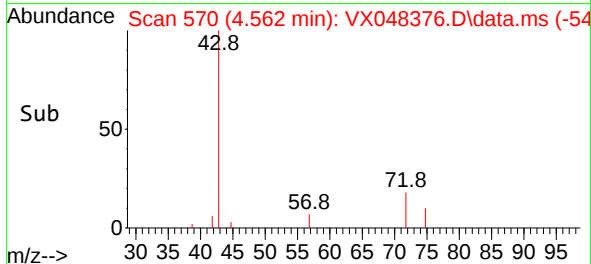
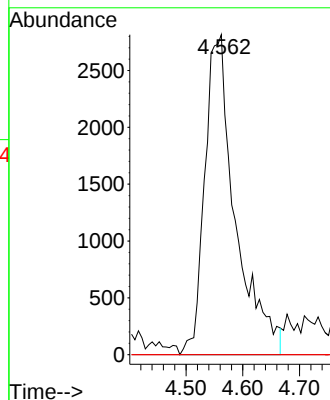
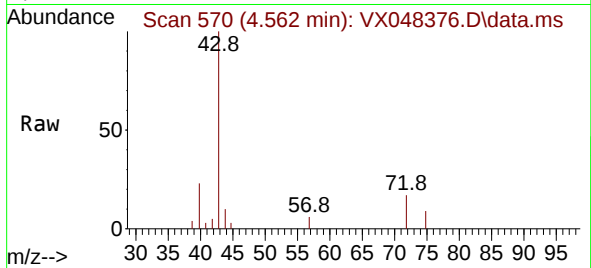




#37
Ethyl Acetate
Concen: 4.689 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.134 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

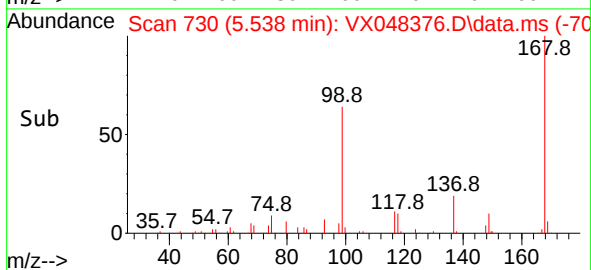
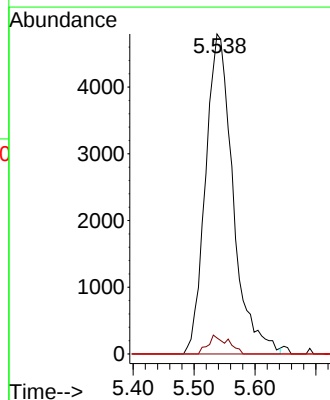
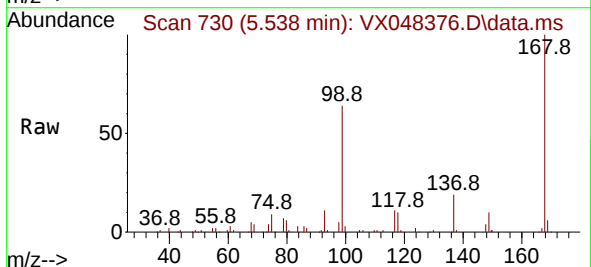
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

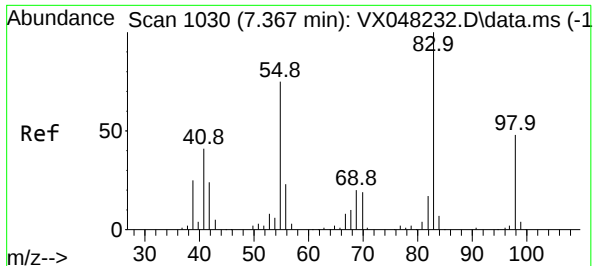
Tgt Ion: 43 Resp: 10549
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 4.489 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 117 Resp: 15032
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 24.8 37.2#

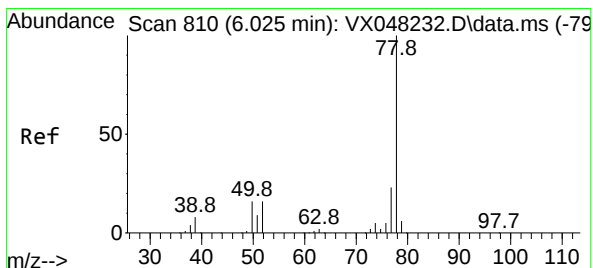
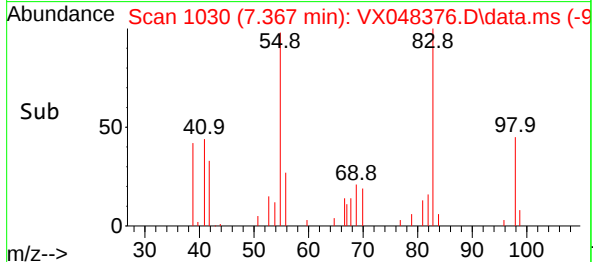
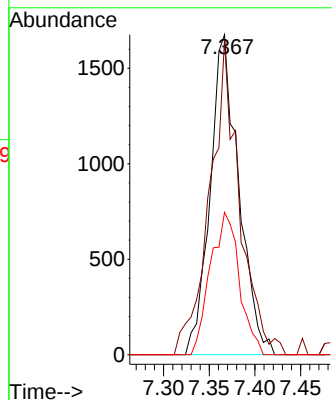
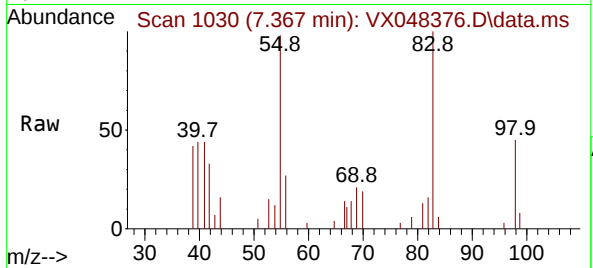




#39
Methylcyclohexane
Concen: 1.138 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

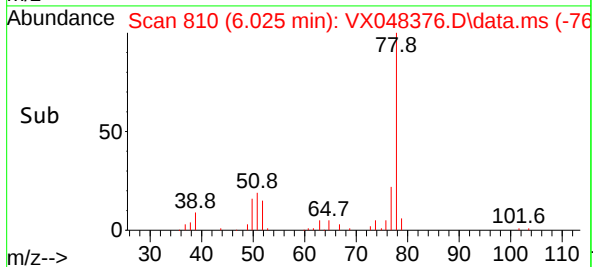
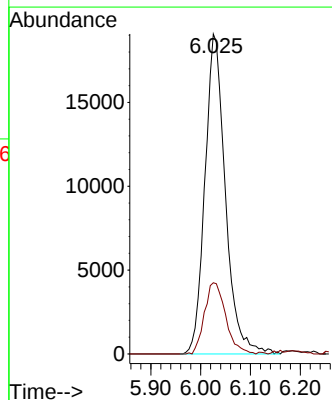
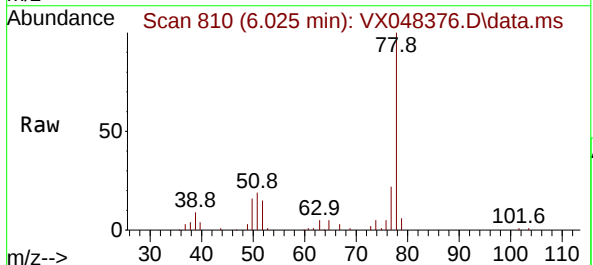
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

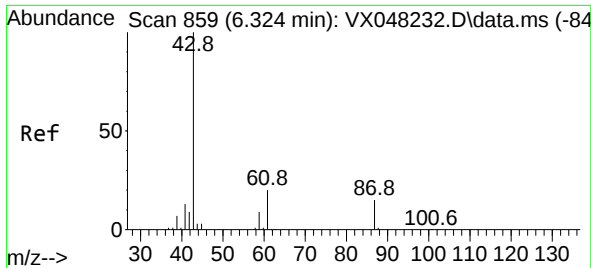
Tgt Ion:	83	Resp:	3648
Ion	Ratio	Lower	Upper
83	100		
55	94.6	66.2	99.2
98	52.1	38.9	58.3



#40
Benzene
Concen: 6.909 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion:	78	Resp:	54453
Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.3	28.9

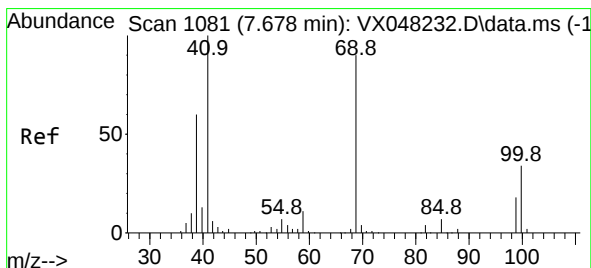
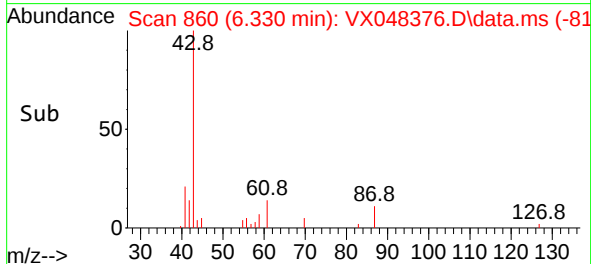
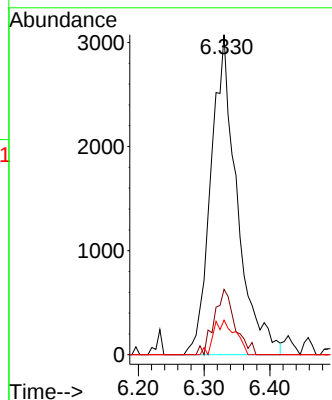
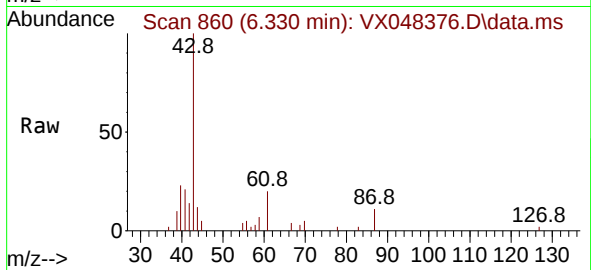




#43
Isopropyl Acetate
Concen: 2.306 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

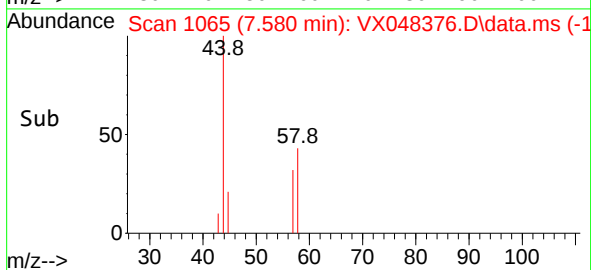
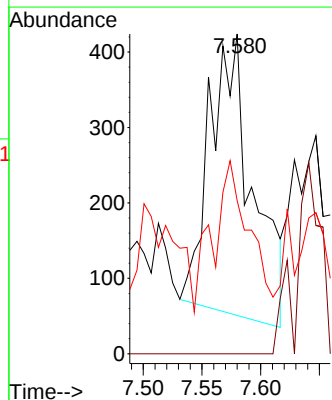
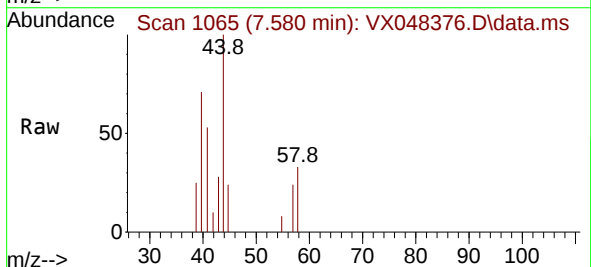
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

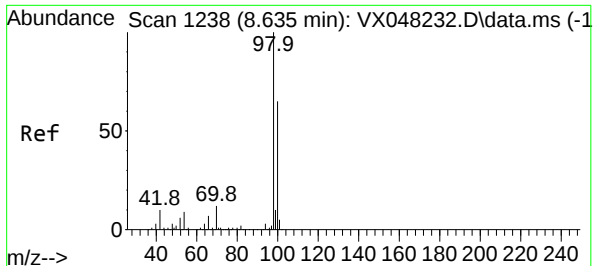
Tgt Ion: 43 Resp: 8523
Ion Ratio Lower Upper
43 100
61 16.3 14.9 22.3
87 8.9 9.4 14.2#



#48
Methyl methacrylate
Concen: 0.504 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.098 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 41 Resp: 940
Ion Ratio Lower Upper
41 100
69 0.0 63.4 95.0#
39 53.6 47.1 70.7

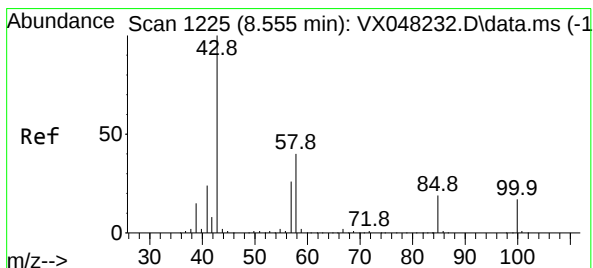
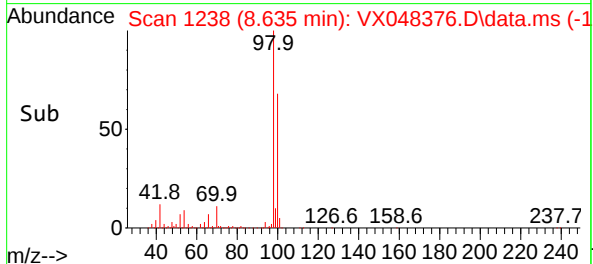
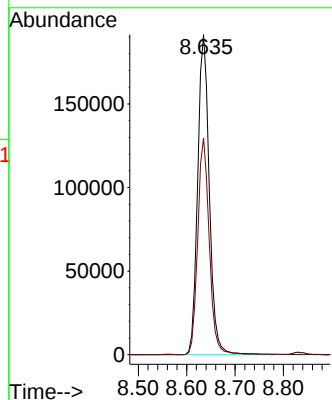
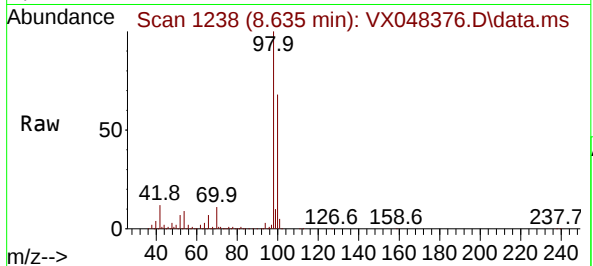




#50
Toluene-d8
Concen: 47.582 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

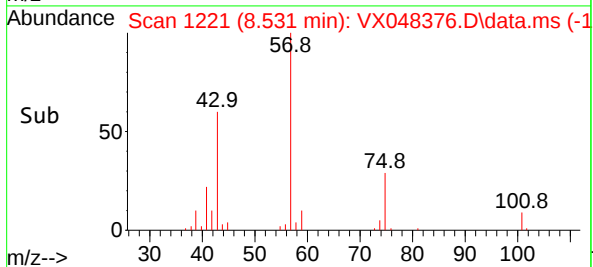
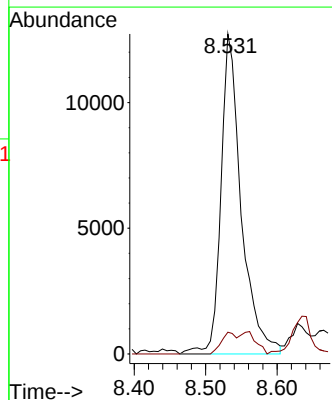
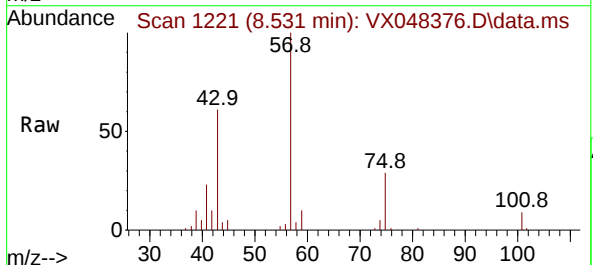
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

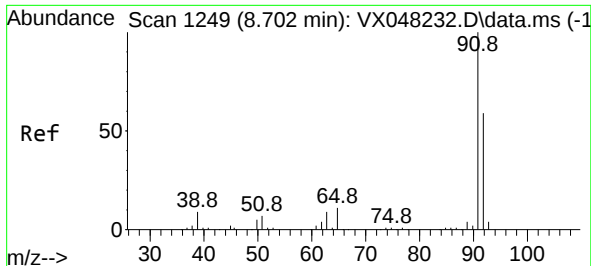
Tgt Ion: 98 Resp: 318521
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 11.781 ug/l
RT: 8.531 min Scan# 1221
Delta R.T. -0.024 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 43 Resp: 25105
Ion Ratio Lower Upper
43 100
58 5.0 29.5 44.3#

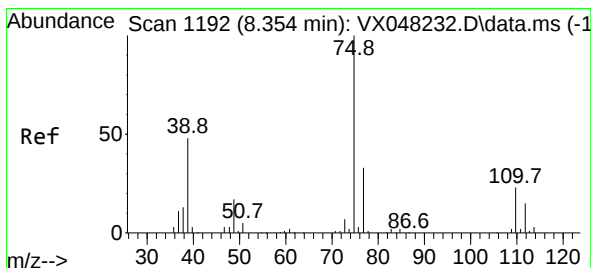
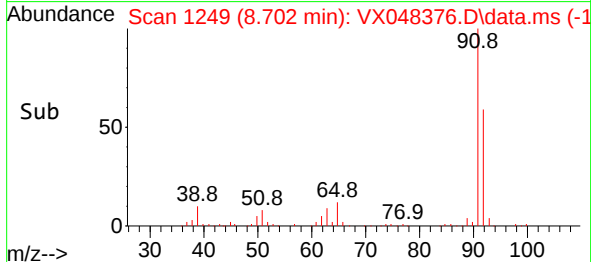
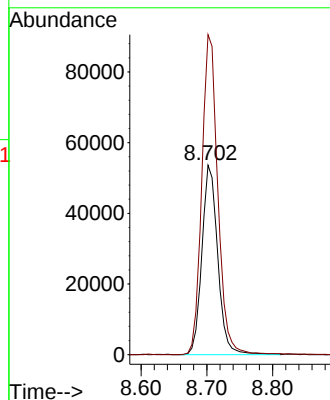
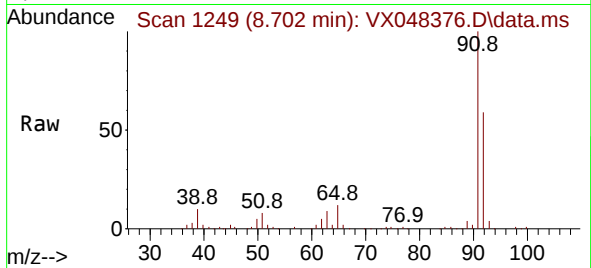




#52
Toluene
Concen: 17.923 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

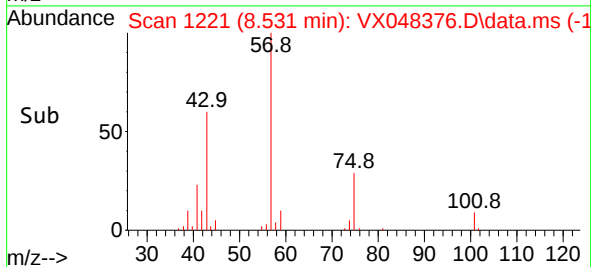
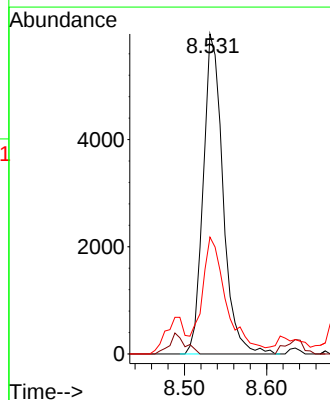
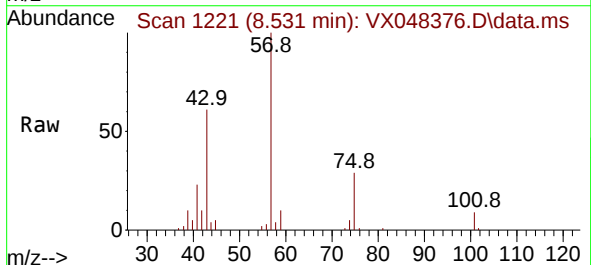
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

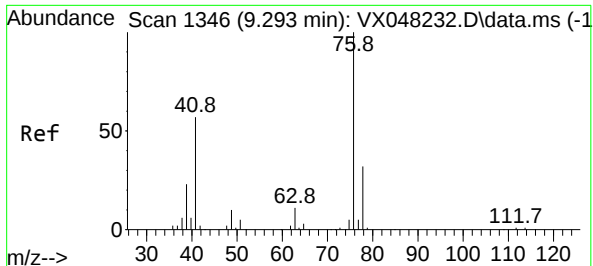
Tgt Ion: 92 Resp: 89735
Ion Ratio Lower Upper
92 100
91 170.7 136.1 204.1



#54
cis-1,3-Dichloropropene
Concen: 3.032 ug/l
RT: 8.531 min Scan# 1221
Delta R.T. 0.183 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 75 Resp: 9937
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 30.9 42.6 64.0#





#57

1,3-Dichloropropane

Concen: 0.228 ug/l

RT: 9.470 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX048376.D

Acq: 27 Oct 2025 16:45

Instrument :

MSVOA_X

ClientSampleId :

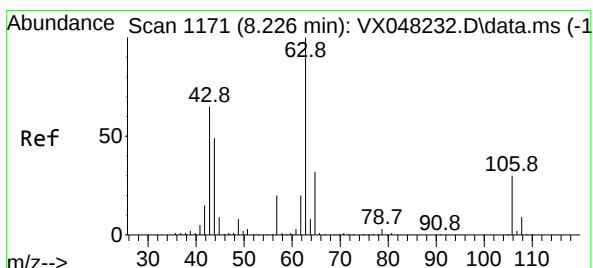
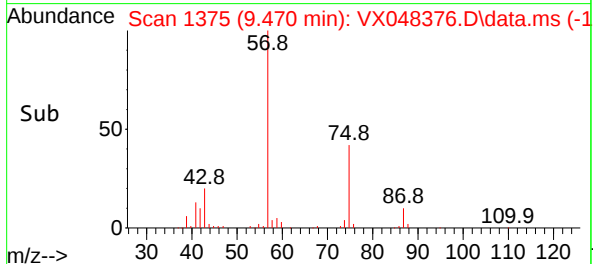
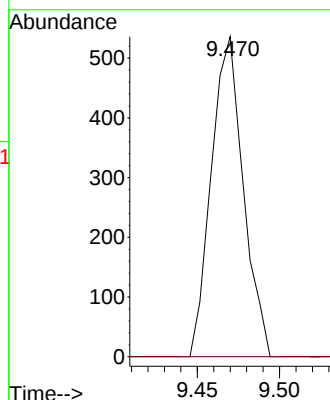
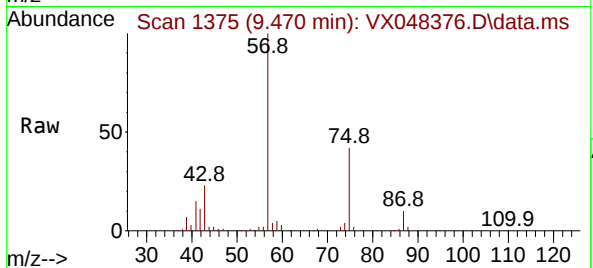
P001-TW1-251023-01

Tgt Ion: 76 Resp: 725

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#



#58

2-Chloroethyl Vinyl ether

Concen: 1.715 ug/l

RT: 8.129 min Scan# 1155

Delta R.T. -0.097 min

Lab File: VX048376.D

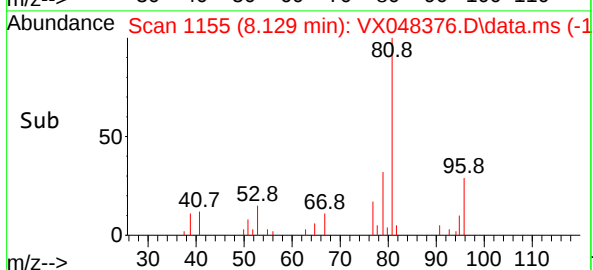
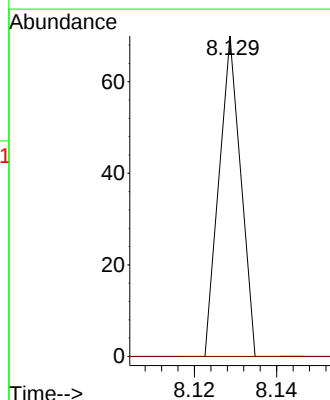
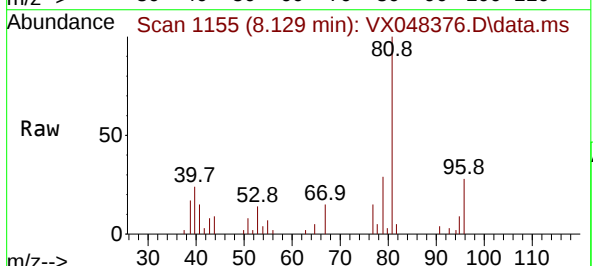
Acq: 27 Oct 2025 16:45

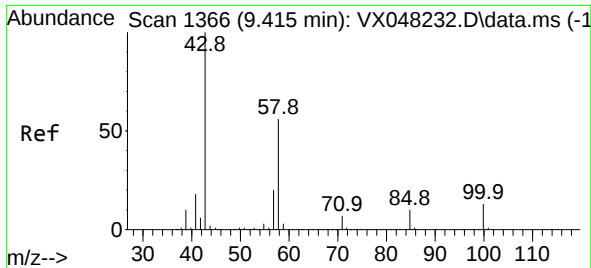
Tgt Ion: 63 Resp: 26

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#

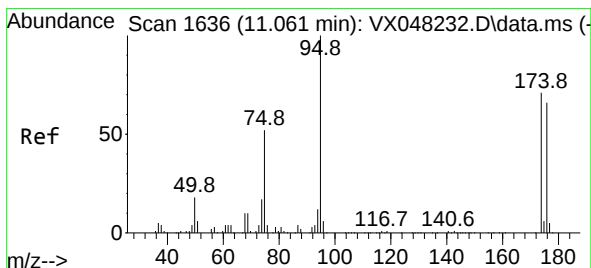
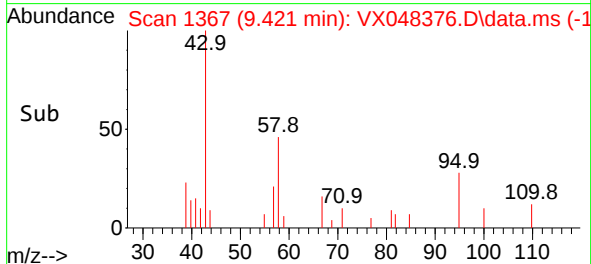
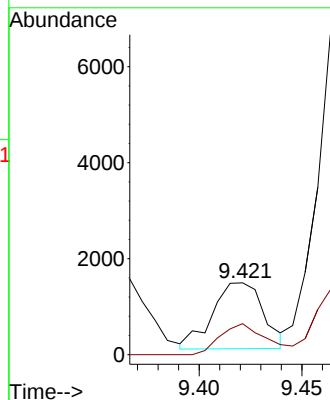
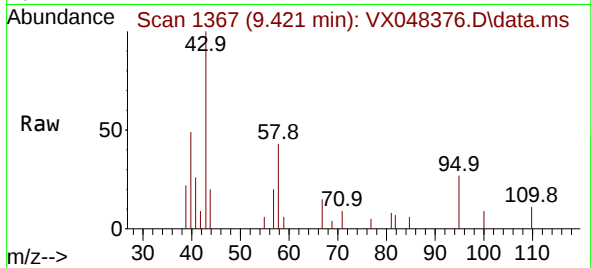




#59
2-Hexanone
Concen: 1.595 ug/l
RT: 9.421 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

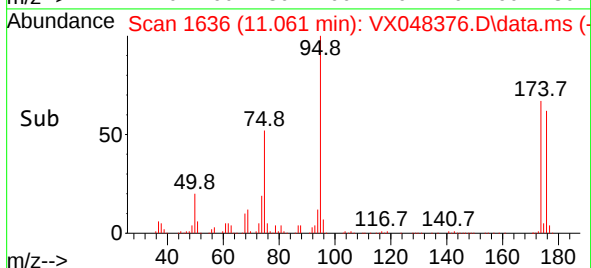
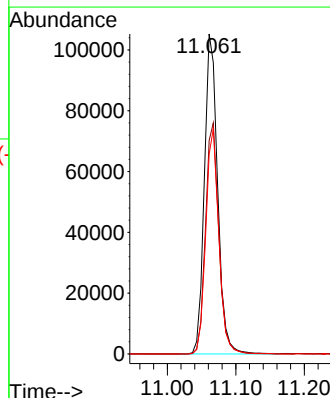
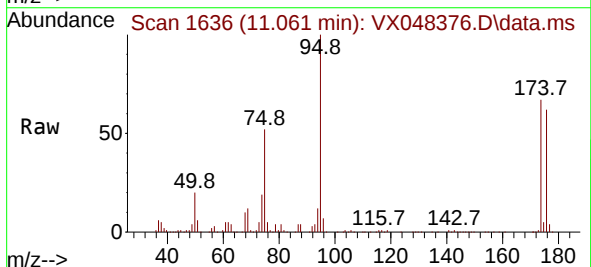
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

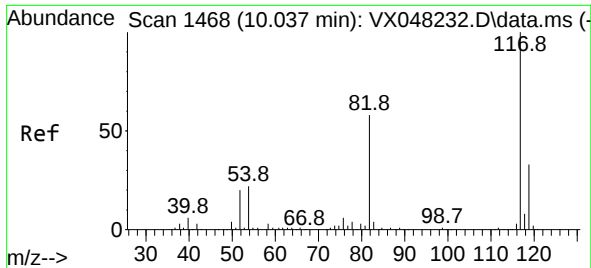
Tgt Ion: 43 Resp: 2370
Ion Ratio Lower Upper
43 100
58 43.2 26.3 78.8



#62
4-Bromofluorobenzene
Concen: 55.762 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 95 Resp: 142005
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.8
176 69.4 0.0 142.8

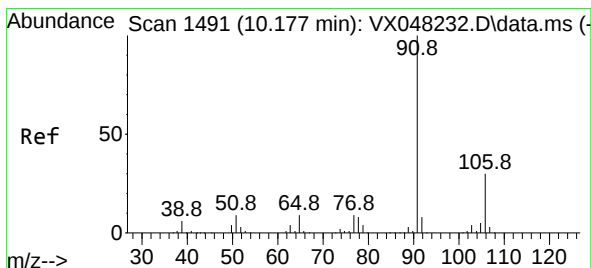
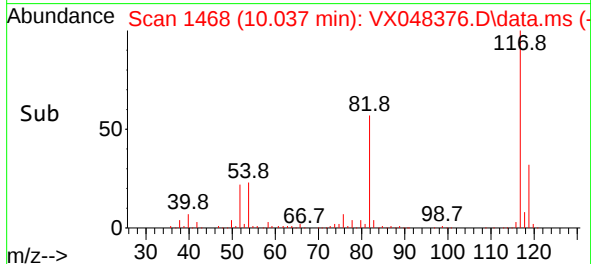
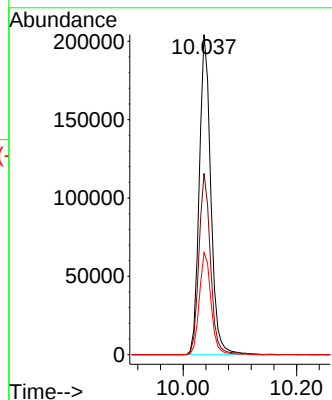
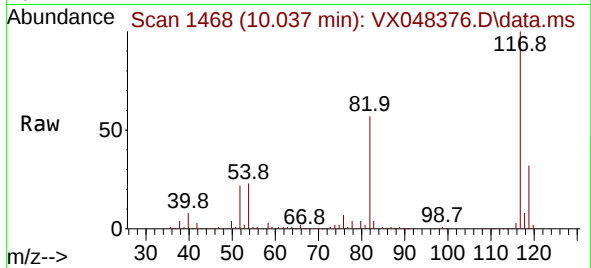




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

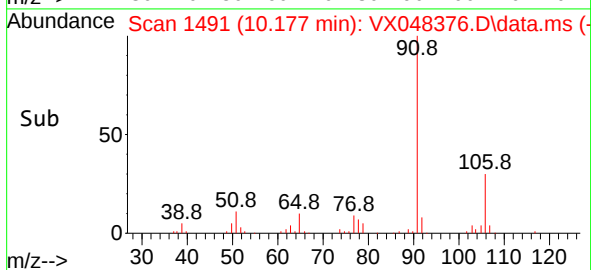
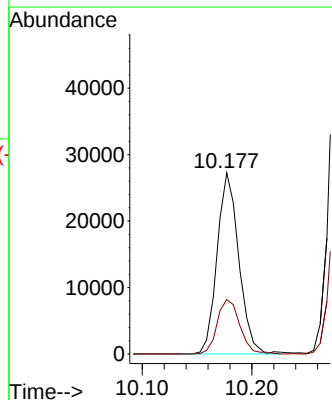
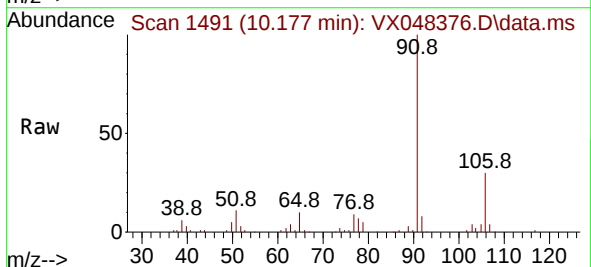
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

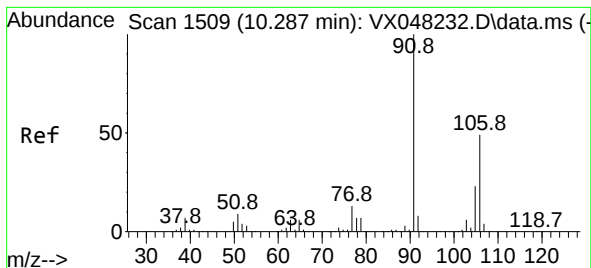
Tgt Ion:117 Resp: 288127
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 31.9 25.9 38.9



#67
Ethyl Benzene
Concen: 3.398 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 91 Resp: 37498
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

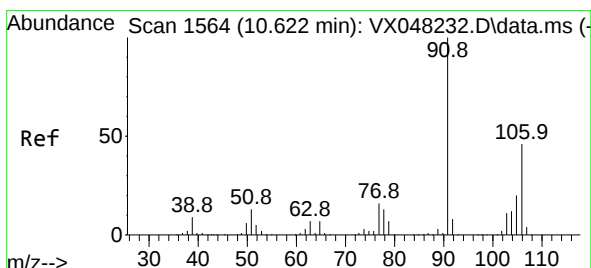
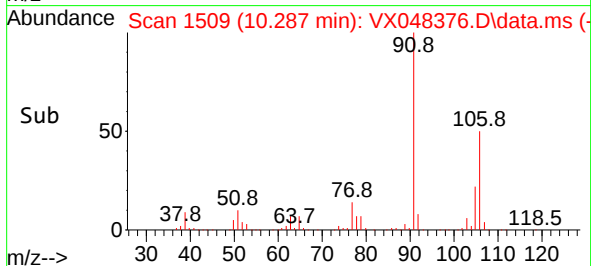
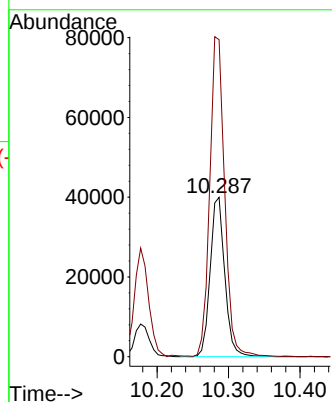
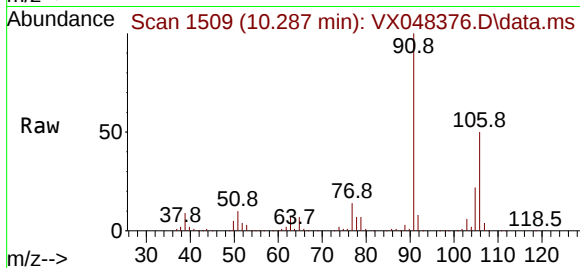




#68
m/p-Xylenes
Concen: 13.826 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

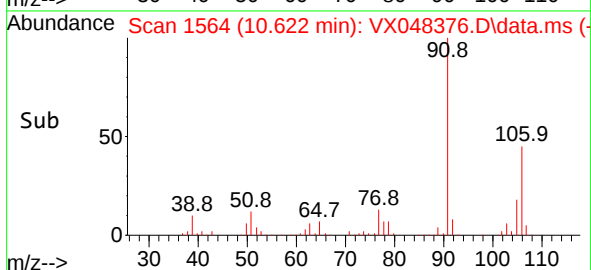
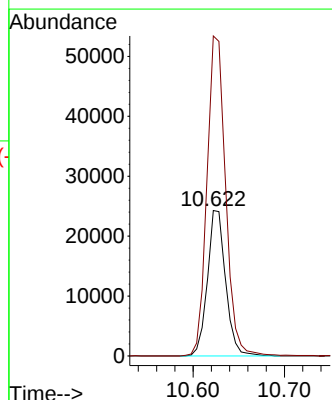
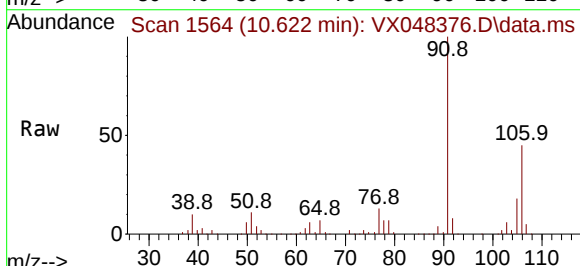
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

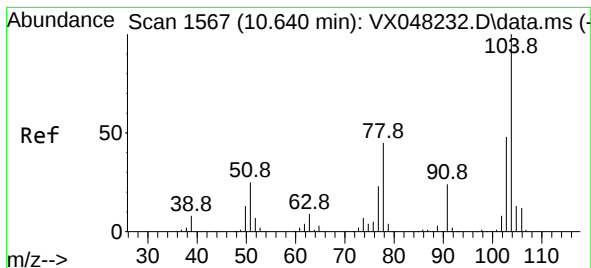
Tgt Ion:106 Resp: 56688
Ion Ratio Lower Upper
106 100
91 204.2 167.9 251.9



#69
o-Xylene
Concen: 8.476 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion:106 Resp: 33552
Ion Ratio Lower Upper
106 100
91 225.8 111.3 333.9





#70

Styrene

Concen: 0.307 ug/l

RT: 10.628 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX048376.D

Acq: 27 Oct 2025 16:45

Instrument :

MSVOA_X

ClientSampleId :

P001-TW1-251023-01

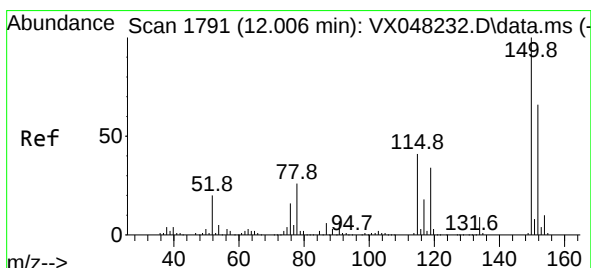
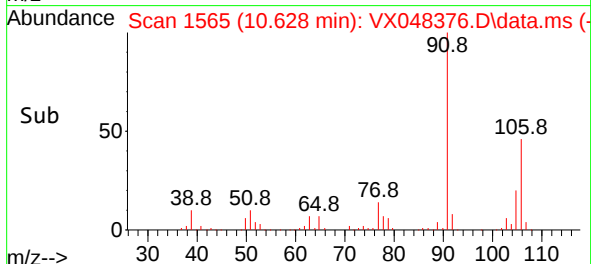
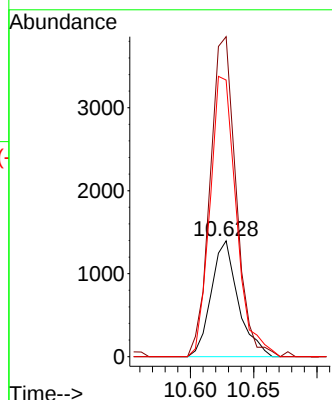
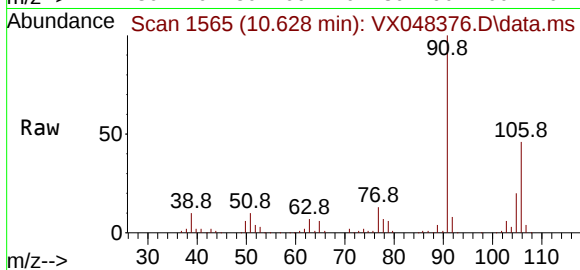
Tgt Ion:104 Resp: 2067

Ion Ratio Lower Upper

104 100

78 266.7 42.2 63.4#

103 237.3 43.0 64.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048376.D

Acq: 27 Oct 2025 16:45

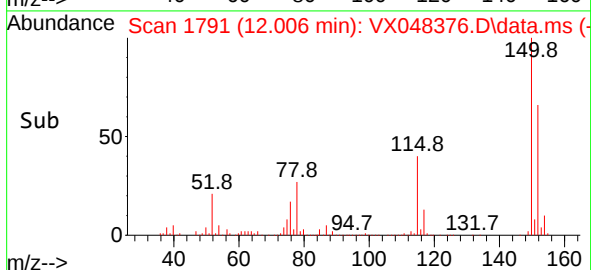
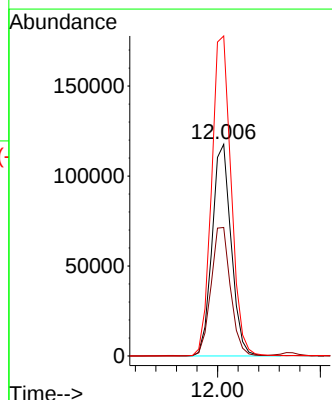
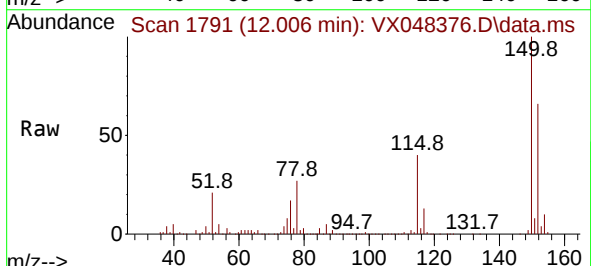
Tgt Ion:152 Resp: 151406

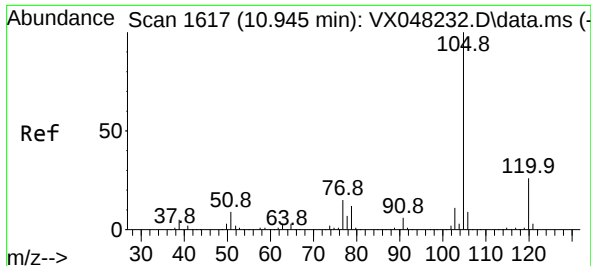
Ion Ratio Lower Upper

152 100

115 61.7 43.1 129.4

150 155.4 0.0 353.0

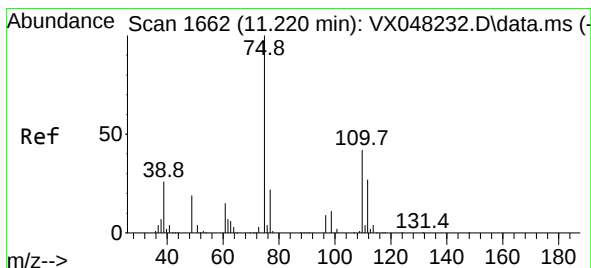
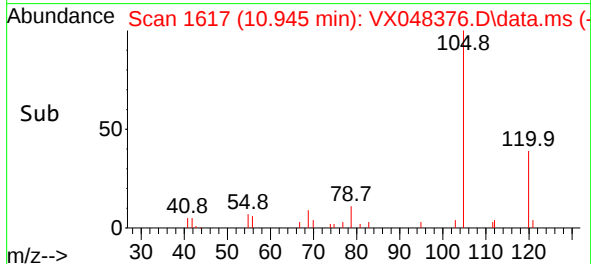
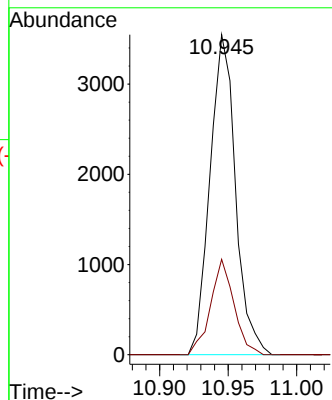
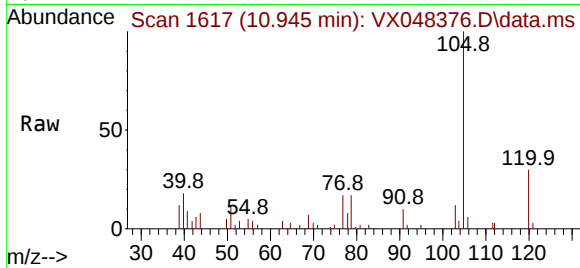




#73
Isopropylbenzene
Concen: 0.415 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

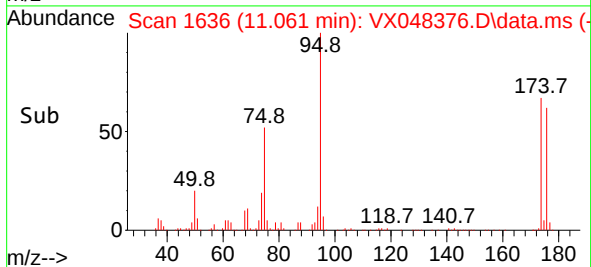
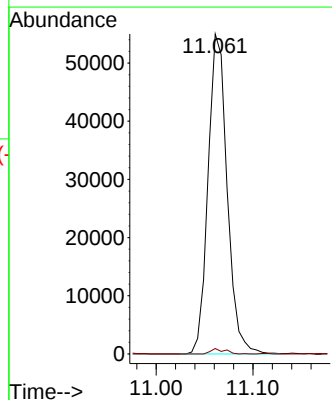
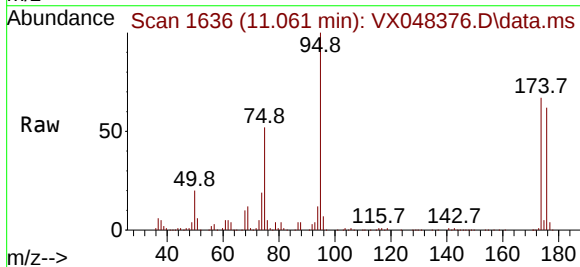
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

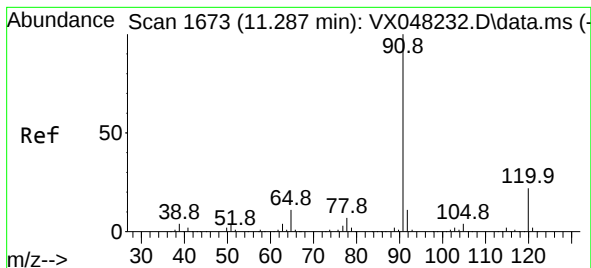
Tgt Ion:105 Resp: 4594
Ion Ratio Lower Upper
105 100
120 27.4 13.0 38.9



#76
1,2,3-Trichloropropane
Concen: 30.818 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 75 Resp: 75668
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#





#78

n-propylbenzene

Concen: 0.582 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048376.D

Acq: 27 Oct 2025 16:45

Instrument :

MSVOA_X

ClientSampleId :

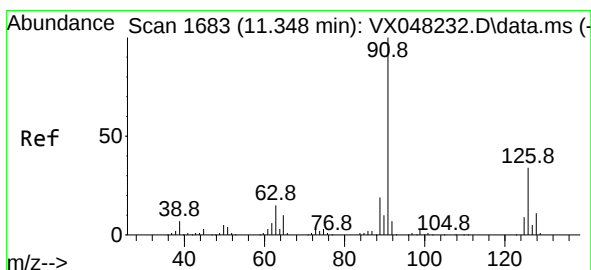
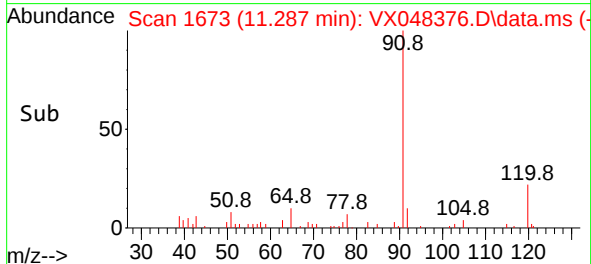
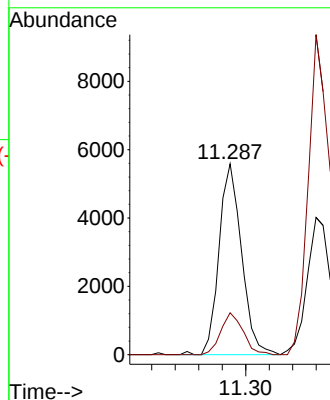
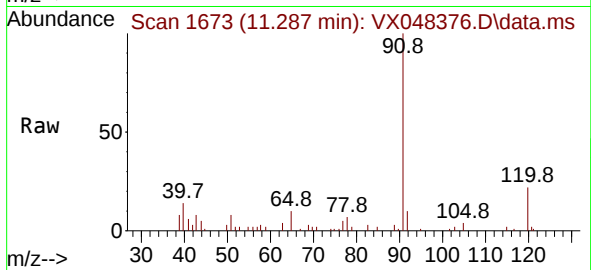
P001-TW1-251023-01

Tgt Ion: 91 Resp: 7452

Ion Ratio Lower Upper

91 100

120 21.8 11.1 33.1



#79

2-Chlorotoluene

Concen: 0.917 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.012 min

Lab File: VX048376.D

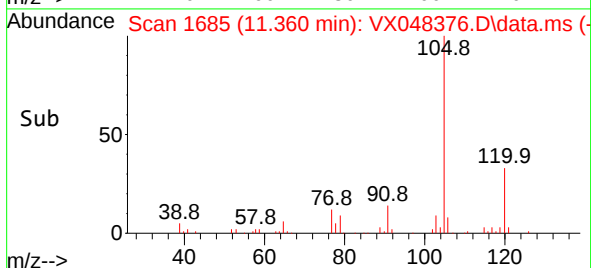
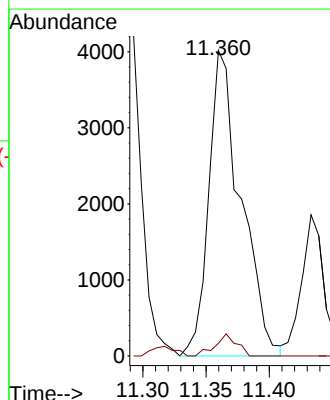
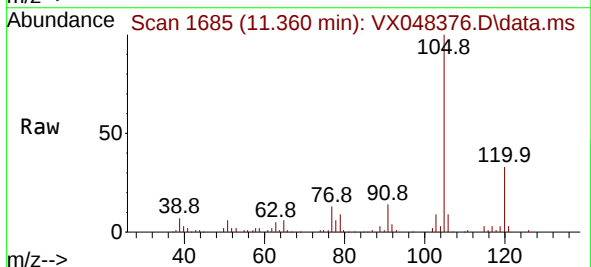
Acq: 27 Oct 2025 16:45

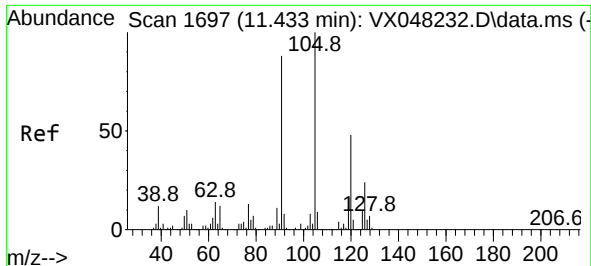
Tgt Ion: 91 Resp: 7120

Ion Ratio Lower Upper

91 100

126 4.7 16.4 49.4#

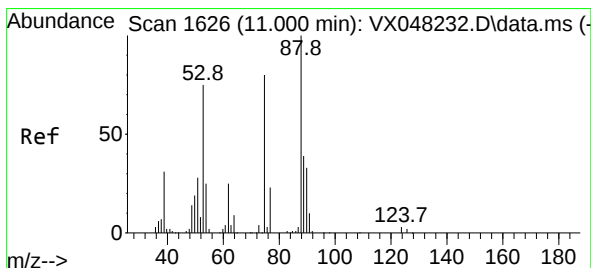
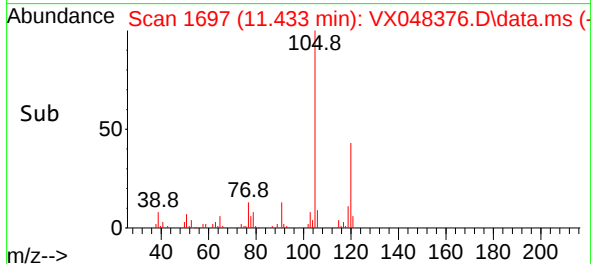
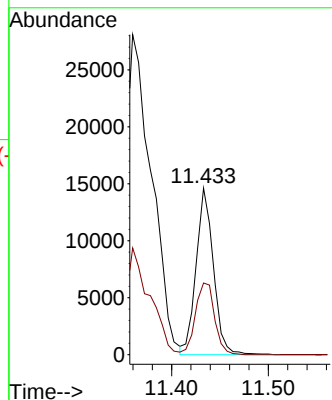
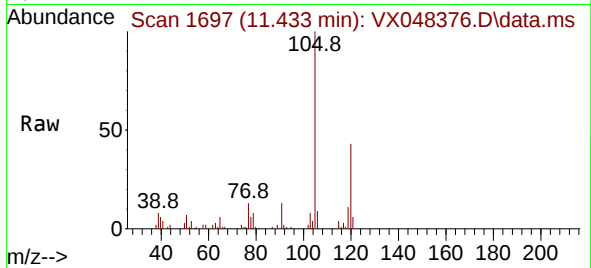




#80
1,3,5-Trimethylbenzene
Concen: 1.990 ug/l
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

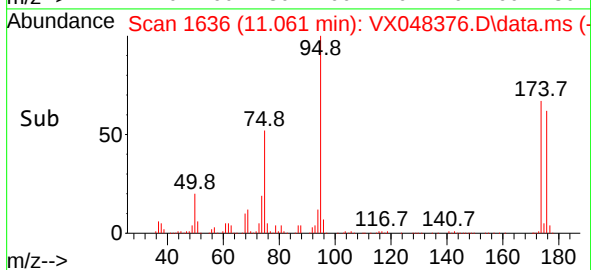
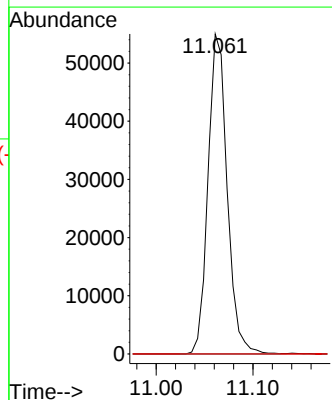
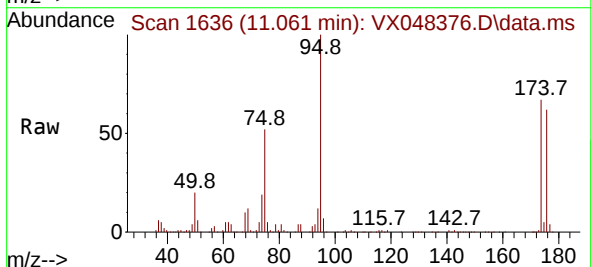
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

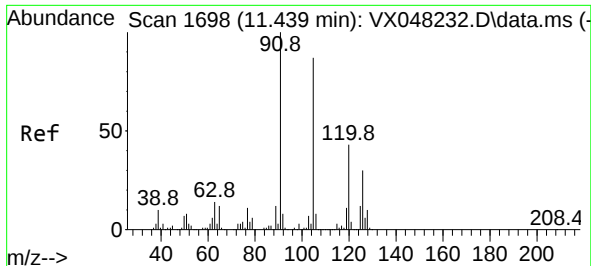
Tgt Ion:105 Resp: 18215
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 74.979 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 75 Resp: 75668
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

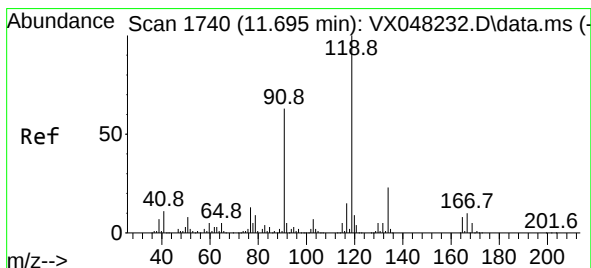
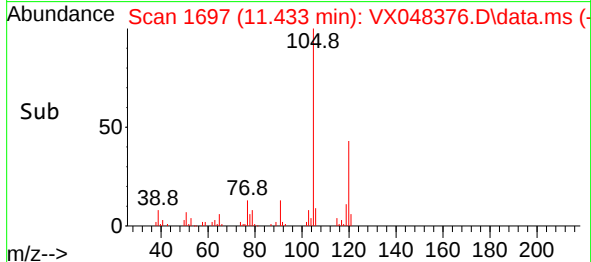
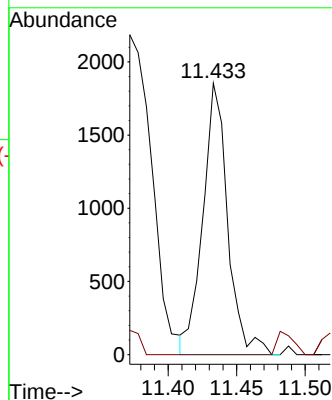
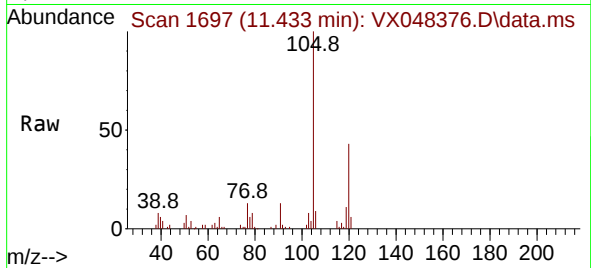




#82
4-Chlorotoluene
Concen: 0.253 ug/l
RT: 11.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

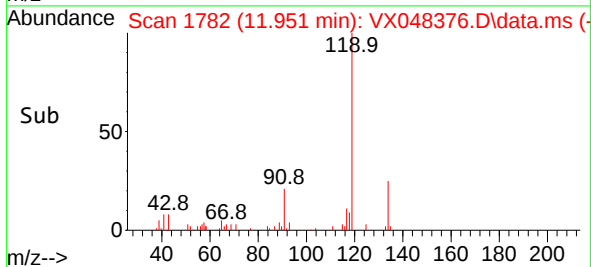
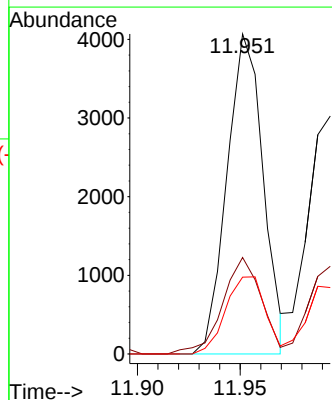
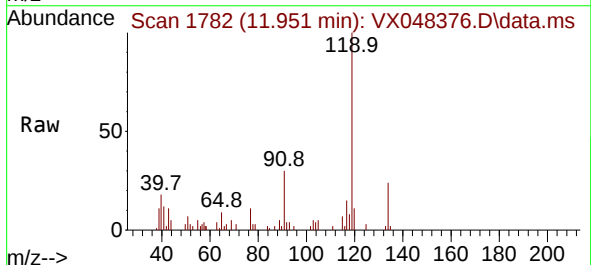
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

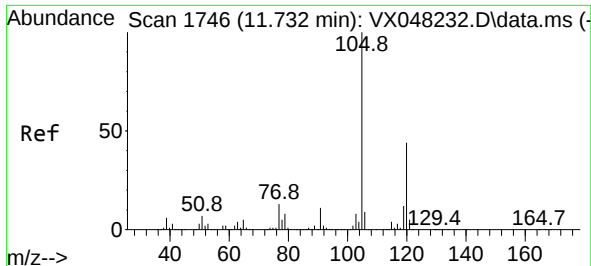
Tgt Ion: 91 Resp: 2327
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.4#



#83
tert-Butylbenzene
Concen: 0.531 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.256 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion: 119 Resp: 4994
Ion Ratio Lower Upper
119 100
91 32.1 30.3 91.0
134 26.4 11.4 34.2

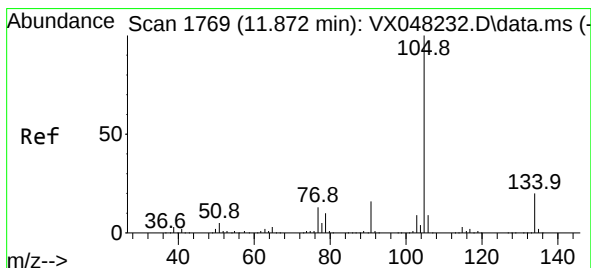
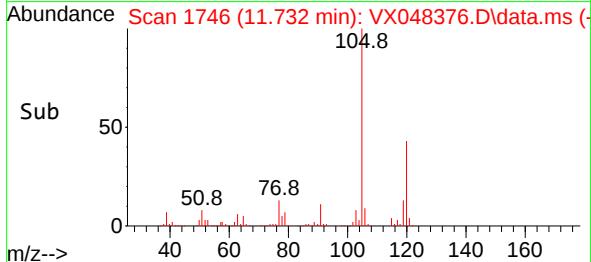
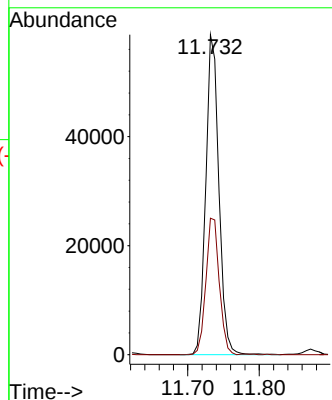
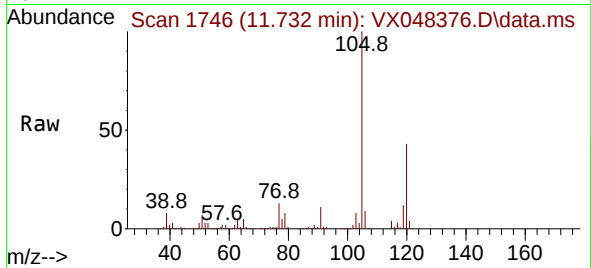




#84
1,2,4-Trimethylbenzene
Concen: 8.183 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

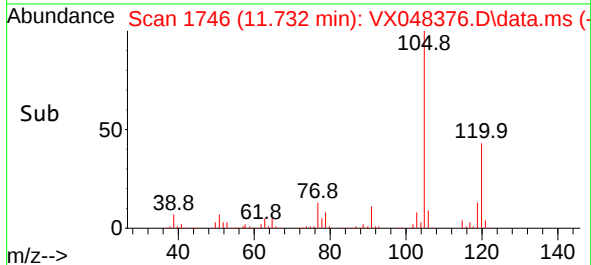
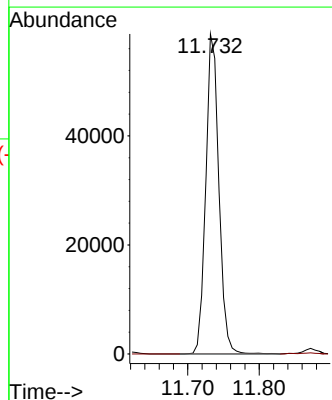
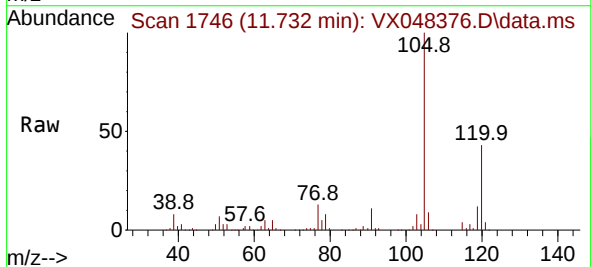
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

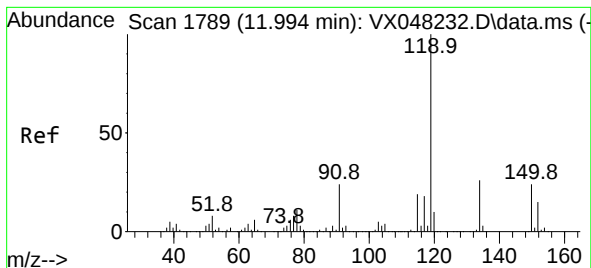
Tgt Ion:105 Resp: 74741
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.5



#85
sec-Butylbenzene
Concen: 6.607 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.140 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Tgt Ion:105 Resp: 74741
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 0.511 ug/l

RT: 11.951 min Scan# 11

Delta R.T. -0.037 min

Lab File: VX048376.D

Acq: 27 Oct 2025 16:45

Instrument :

MSVOA_X

ClientSampleId :

P001-TW1-251023-01

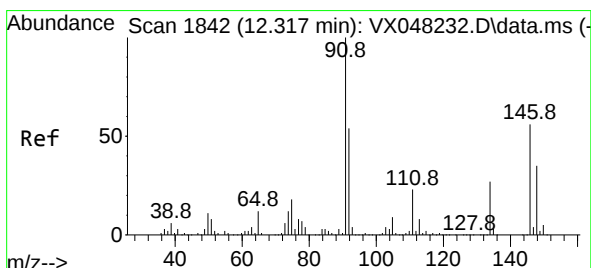
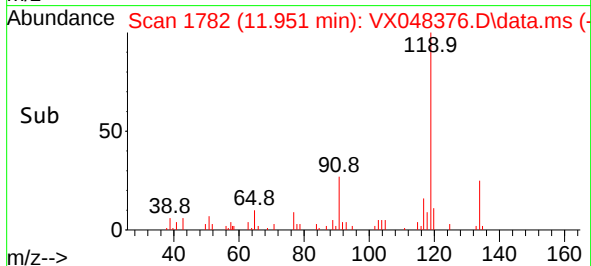
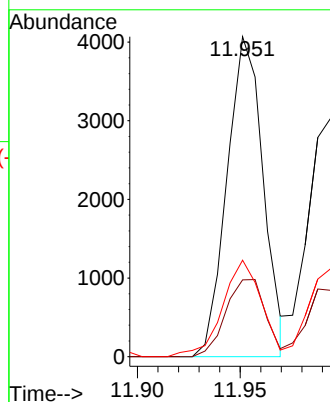
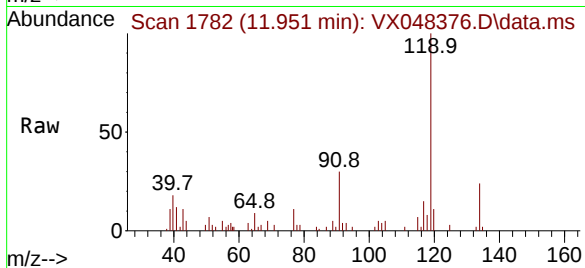
Tgt Ion:119 Resp: 4994

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 32.1 12.1 36.3



#89

n-Butylbenzene

Concen: 0.679 ug/l

RT: 12.305 min Scan# 1840

Delta R.T. -0.006 min

Lab File: VX048376.D

Acq: 27 Oct 2025 16:45

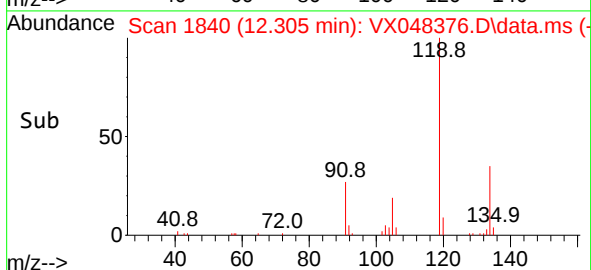
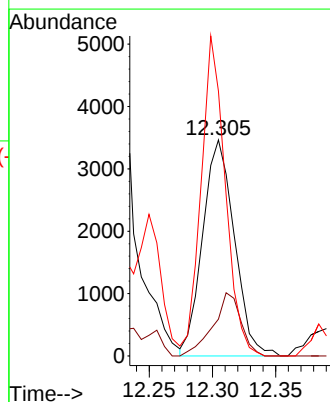
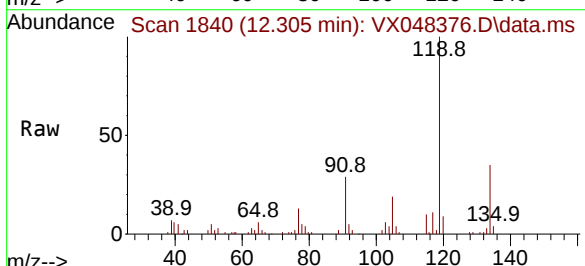
Tgt Ion: 91 Resp: 6041

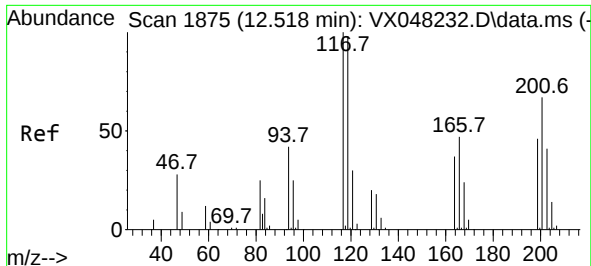
Ion Ratio Lower Upper

91 100

92 25.6 26.9 80.6#

134 113.2 12.7 38.1#

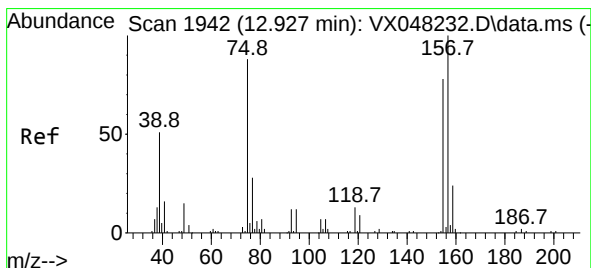
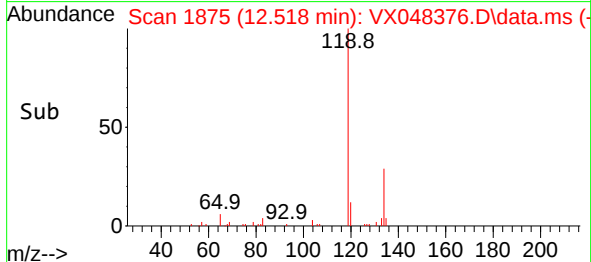
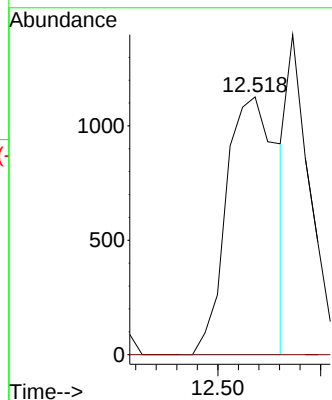
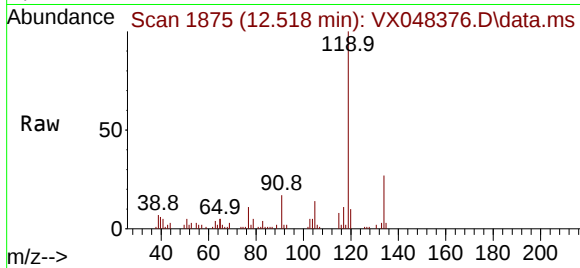




#90
Hexachloroethane
Concen: 1.010 ug/l
RT: 12.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

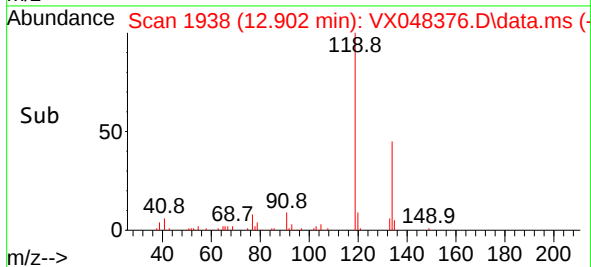
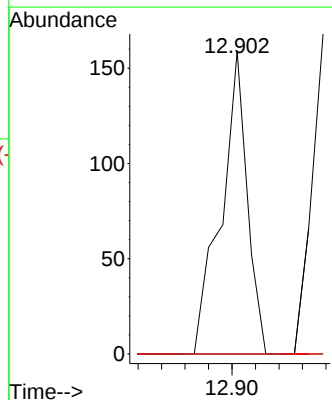
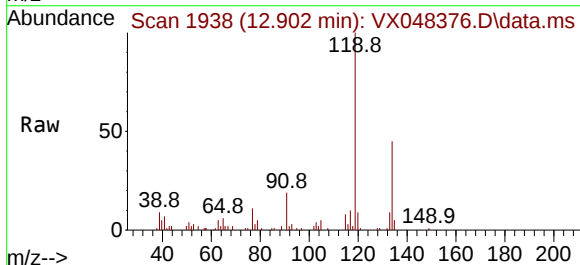
Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01

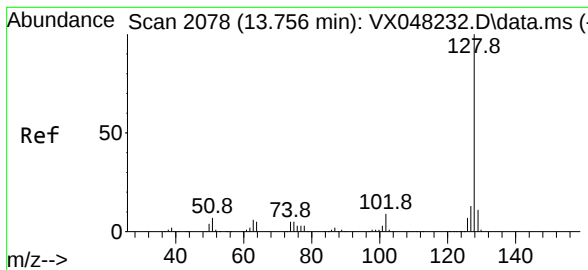
Tgt Ion:117 Resp: 1950
Ion Ratio Lower Upper
117 100
201 0.0 34.1 102.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.201 ug/l
RT: 12.902 min Scan# 1938
Delta R.T. -0.018 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

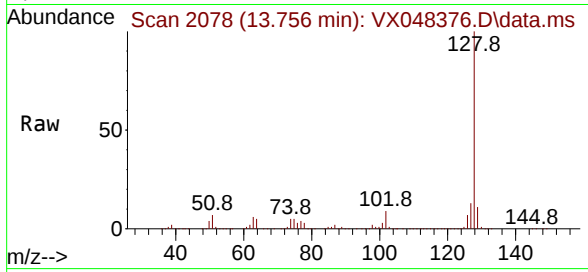
Tgt Ion: 75 Resp: 123
Ion Ratio Lower Upper
75 100
155 0.0 42.8 128.4#
157 0.0 54.2 162.6#





#95
Naphthalene
Concen: 98.118 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048376.D
Acq: 27 Oct 2025 16:45

Instrument :
MSVOA_X
ClientSampleId :
P001-TW1-251023-01



Tgt Ion:	128	Resp:	862778
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.6	12.8

