

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045660.D
 Acq On : 08 Apr 2025 18:17
 Operator : JC/MD
 Sample : Q1744-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-158-SB01

Quant Time: Apr 09 01:43:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

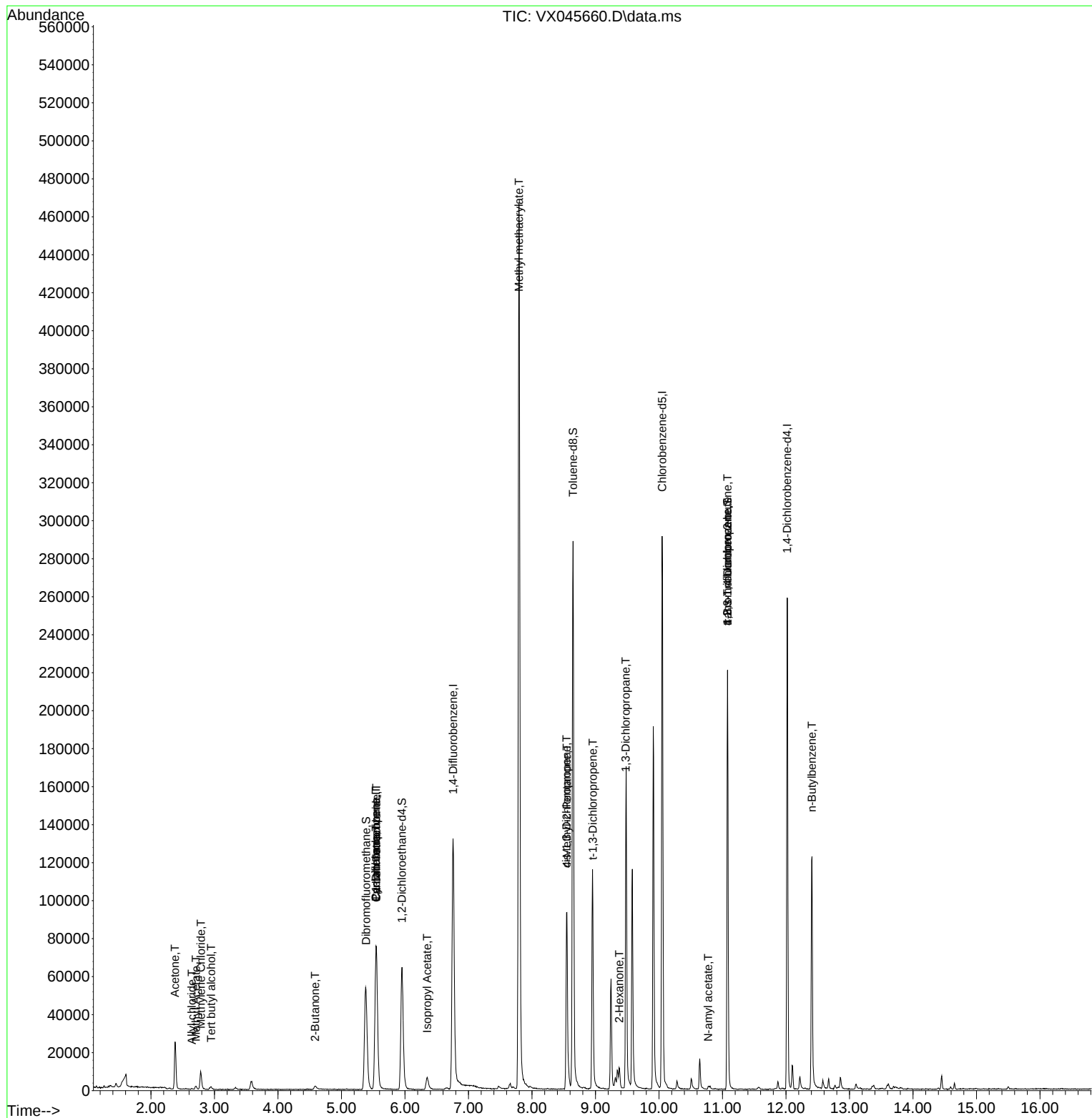
Internal Standards						
1) Pentafluorobenzene	5.544	168	64698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65192	55.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.200%			
35) Dibromofluoromethane	5.385	113	46981	51.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.720%			
50) Toluene-d8	8.647	98	164875	51.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	11.079	95	58226	50.067	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.140%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	933	5.868	ug/l #	72
14) Allyl chloride	2.642	41	329	0.223	ug/l #	51
16) Acetone	2.380	43	27771	57.161	ug/l	96
18) Methyl Acetate	2.709	43	2374	2.122	ug/l #	89
20) Methylene Chloride	2.788	84	4294	4.721	ug/l #	88
25) 2-Butanone	4.587	43	4073	5.727	ug/l #	87
31) Cyclohexane	5.544	56	1830	1.261	ug/l #	13
36) 1,1-Dichloropropene	5.544	75	6964	5.639	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7775	5.825	ug/l #	16
43) Isopropyl Acetate	6.349	43	9886	4.191	ug/l	99
48) Methyl methacrylate	7.793	41	46852	38.467	ug/l #	52
51) 4-Methyl-2-Pentanone	8.549	43	37924	24.251	ug/l #	49
53) t-1,3-Dichloropropene	8.958	75	235	2.451	ug/l #	43
54) cis-1,3-Dichloropropene	8.543	75	14749	10.878	ug/l #	69
57) 1,3-Dichloropropane	9.476	76	1441	0.910	ug/l #	42
59) 2-Hexanone	9.372	43	6609	5.707	ug/l #	28
74) N-amyl acetate	10.775	43	1323	0.734	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	33316	29.039	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33316	98.554	ug/l #	1
89) n-Butylbenzene	12.408	91	1102	0.407	ug/l #	40

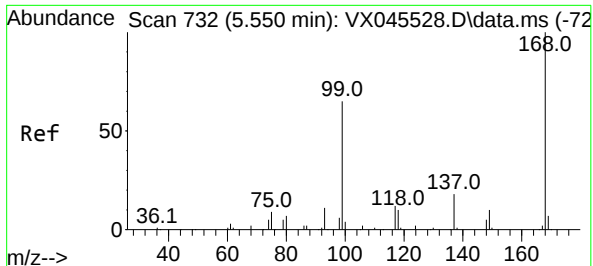
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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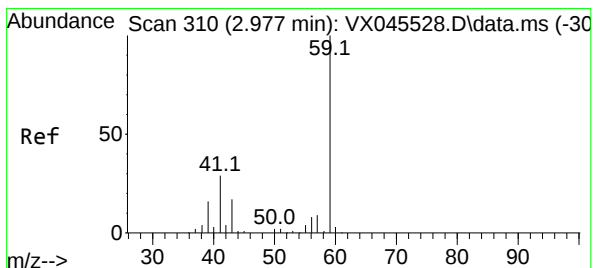
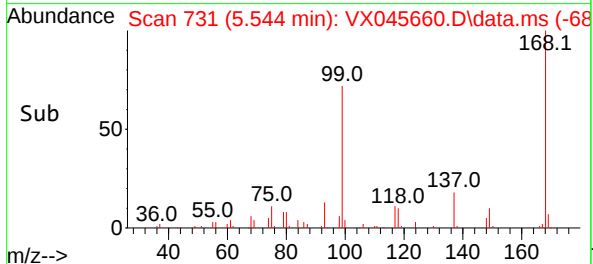
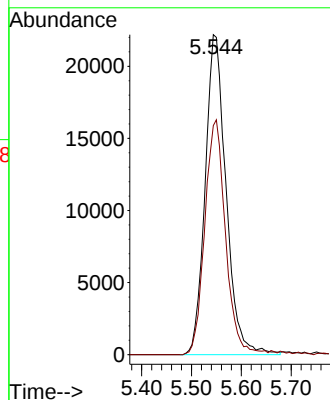
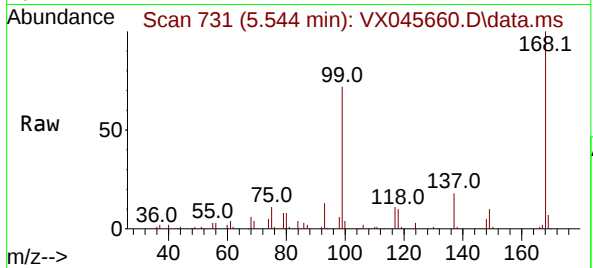




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

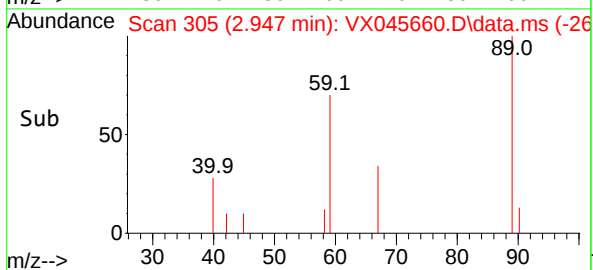
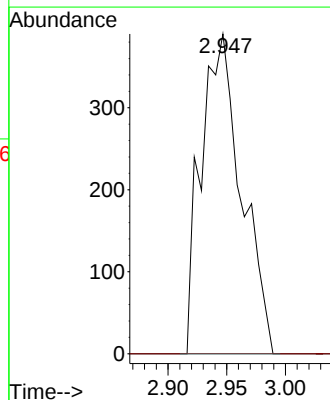
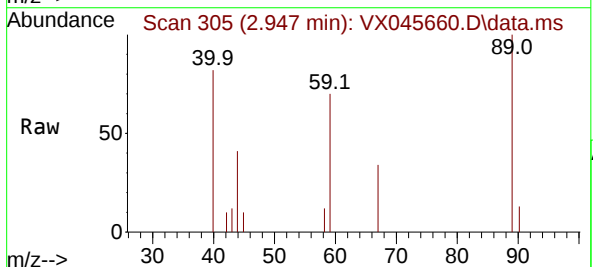
Instrument :
MSVOA_X
ClientSampleId :
B-158-SB01

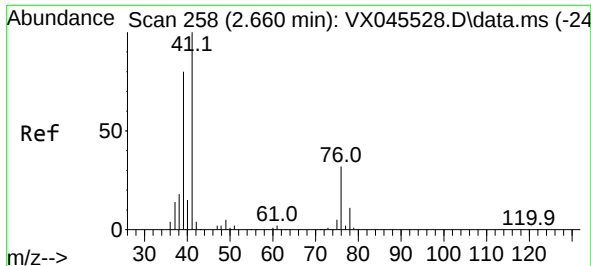
Tgt Ion:168 Resp: 64698
Ion Ratio Lower Upper
168 100
99 71.6 52.3 78.5



#11
Tert butyl alcohol
Concen: 5.868 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

Tgt Ion: 59 Resp: 933
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

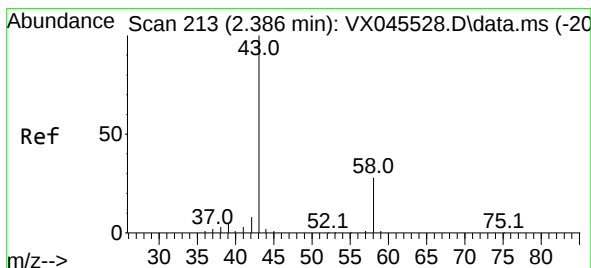
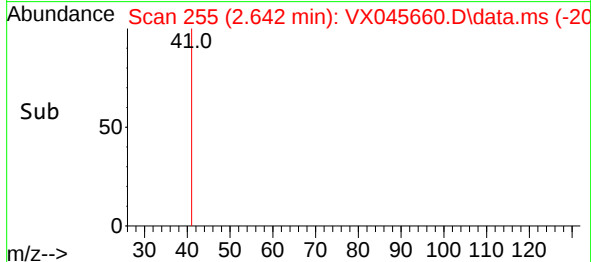
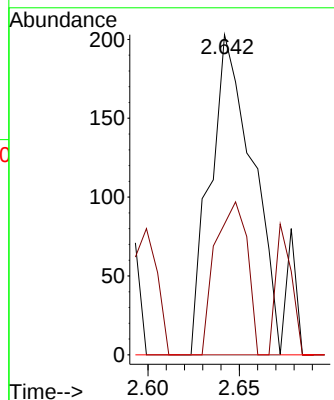
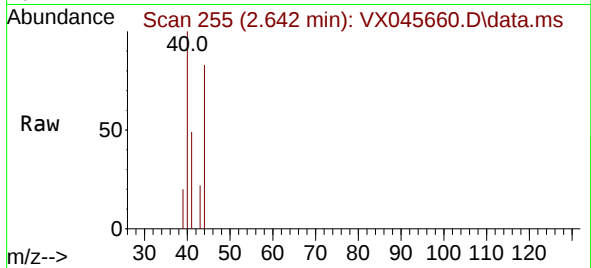




#14
 Allyl chloride
 Concen: 0.223 ug/l
 RT: 2.642 min Scan# 212
 Delta R.T. -0.018 min
 Lab File: VX045660.D
 Acq: 08 Apr 2025 18:17

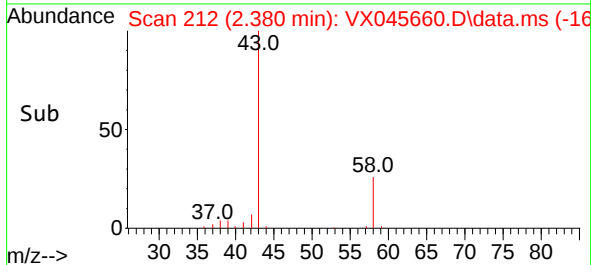
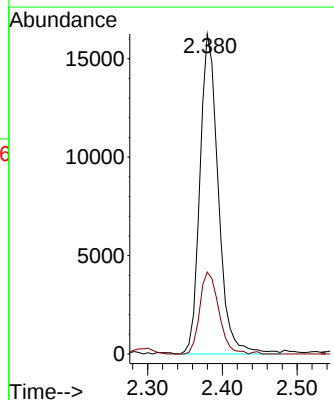
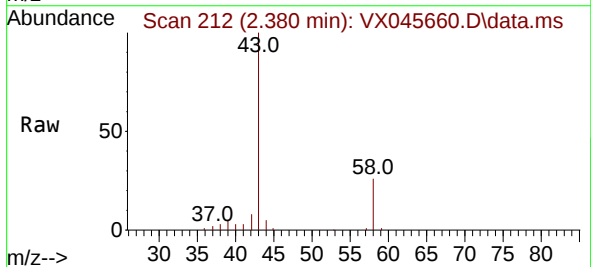
Instrument :
 MSVOA_X
 ClientSampleId :
 B-158-SB01

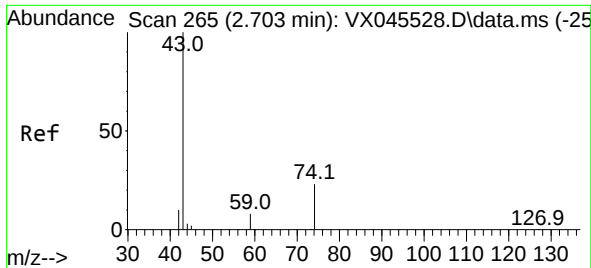
Tgt Ion: 41 Resp: 329
 Ion Ratio Lower Upper
 41 100
 39 36.2 60.2 90.2#
 76 0.0 24.6 36.8#



#16
 Acetone
 Concen: 57.161 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX045660.D
 Acq: 08 Apr 2025 18:17

Tgt Ion: 43 Resp: 27771
 Ion Ratio Lower Upper
 43 100
 58 25.6 22.3 33.5

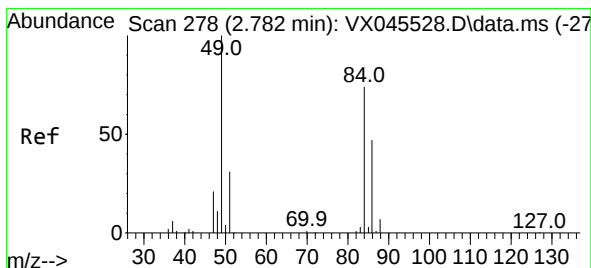
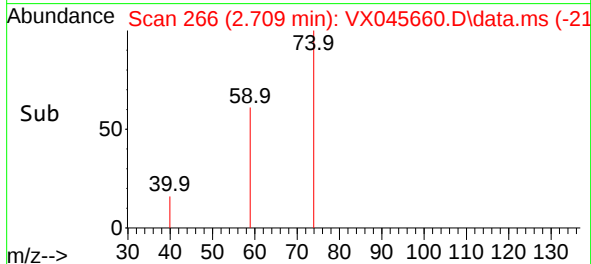
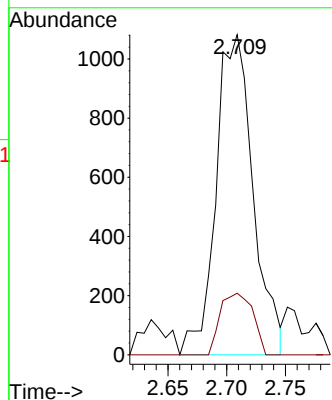
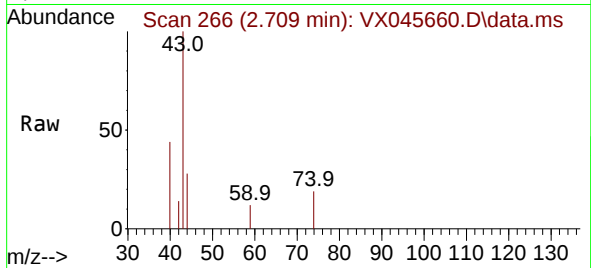




#18
Methyl Acetate
Concen: 2.122 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

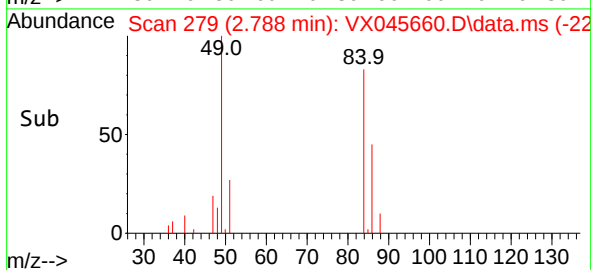
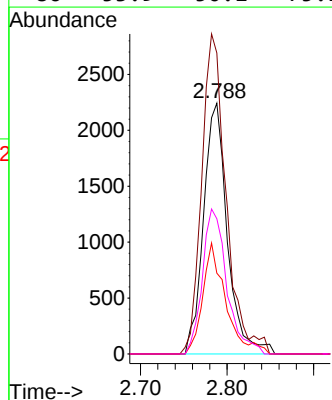
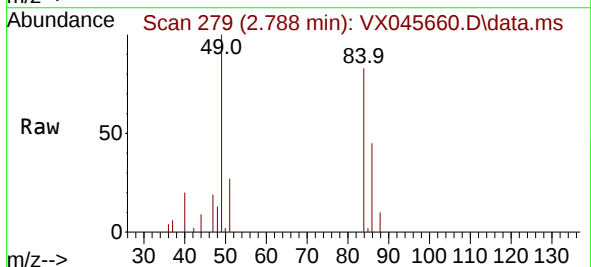
Instrument :
MSVOA_X
ClientSampleId :
B-158-SB01

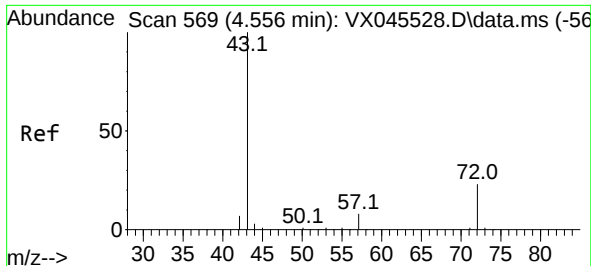
Tgt Ion: 43 Resp: 2374
Ion Ratio Lower Upper
43 100
74 16.9 17.5 26.3#



#20
Methylene Chloride
Concen: 4.721 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

Tgt Ion: 84 Resp: 4294
Ion Ratio Lower Upper
84 100
49 120.1 107.5 161.3
51 32.2 33.0 49.6#
86 53.9 50.1 75.1

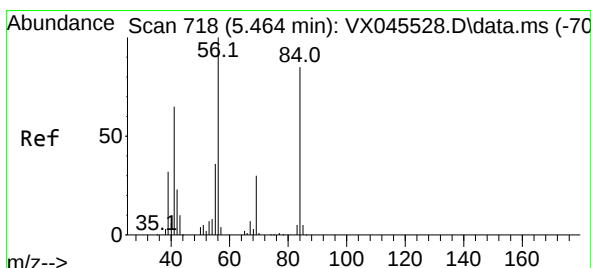
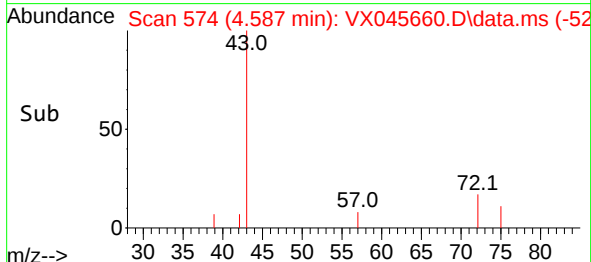
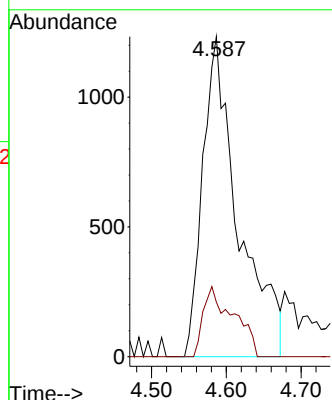
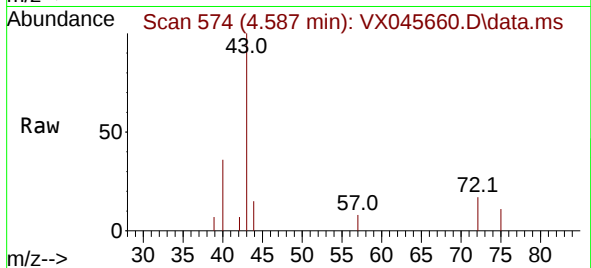




#25
2-Butanone
Concen: 5.727 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

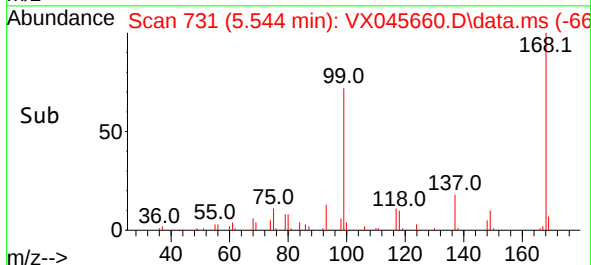
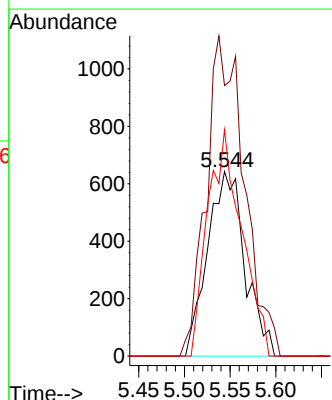
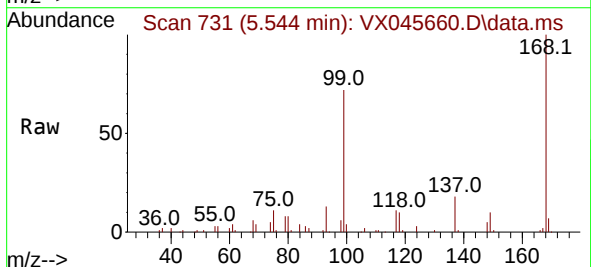
Instrument :
MSVOA_X
ClientSampleId :
B-158-SB01

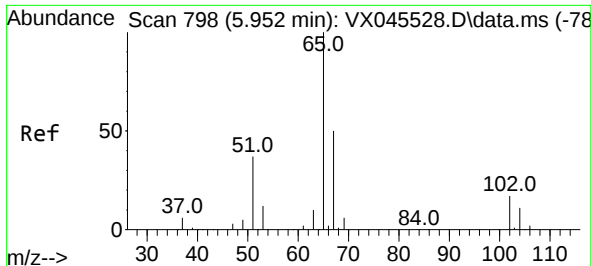
Tgt Ion: 43 Resp: 4073
Ion Ratio Lower Upper
43 100
72 17.0 18.6 28.0#



#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

Tgt Ion: 56 Resp: 1830
Ion Ratio Lower Upper
56 100
69 146.5 23.6 35.4#
84 122.6 67.7 101.5#

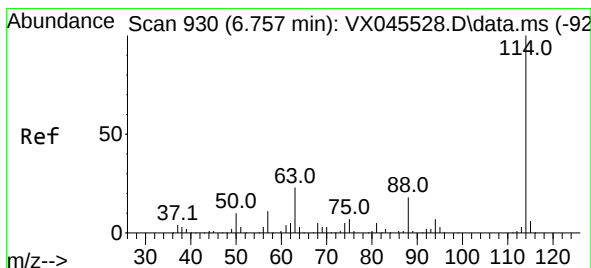
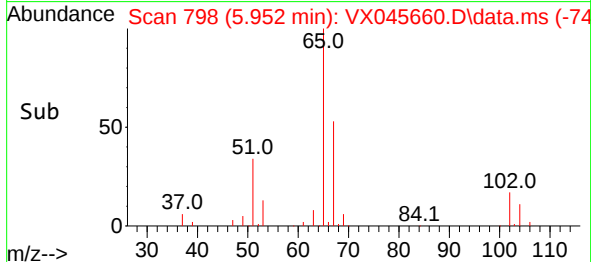
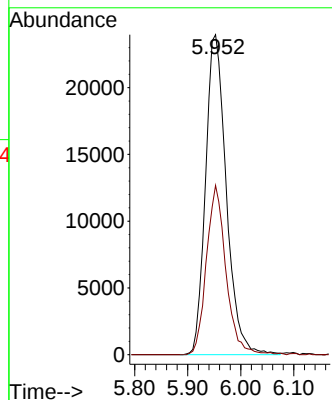
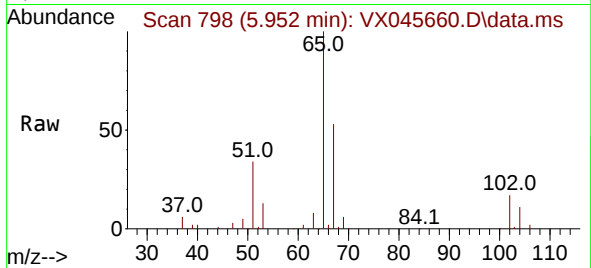




#33
 1,2-Dichloroethane-d4
 Concen: 55.100 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045660.D
 Acq: 08 Apr 2025 18:17

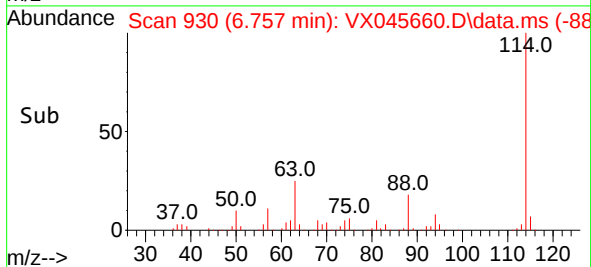
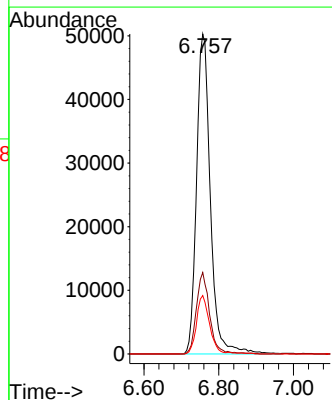
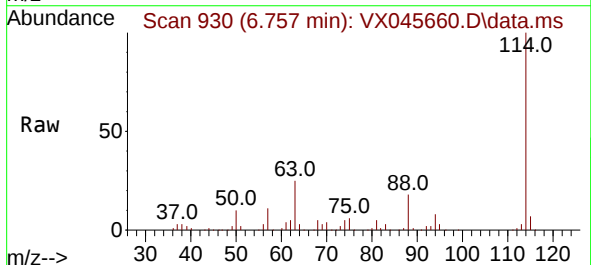
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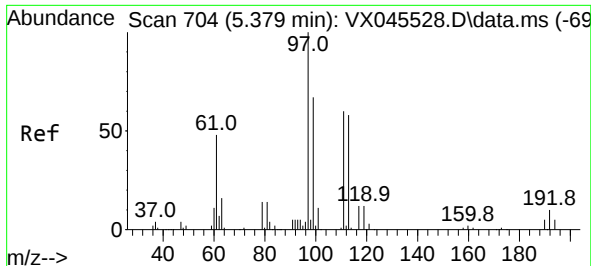
Tgt Ion: 65 Resp: 65192
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045660.D
 Acq: 08 Apr 2025 18:17

Tgt Ion: 114 Resp: 128925
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 46.8
 88 18.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.361 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045660.D

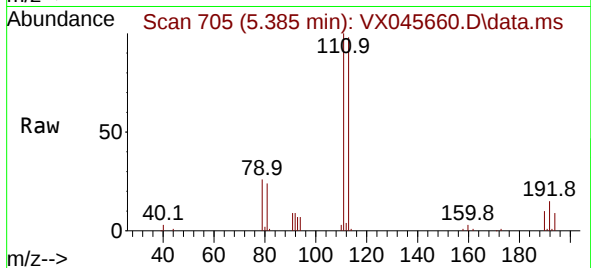
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Instrument :

MSVOA_X

ClientSampleId :

B-158-SB01



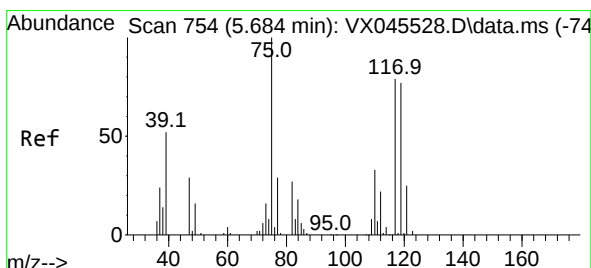
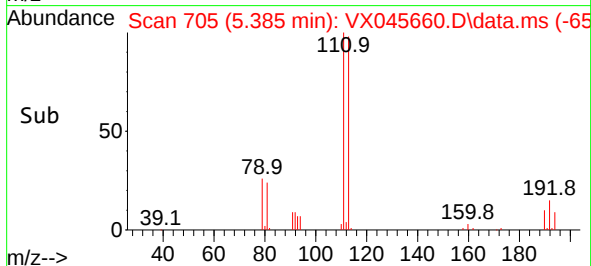
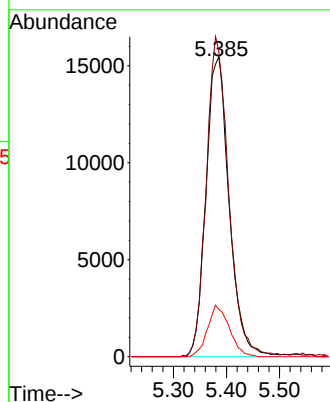
Tgt Ion:113 Resp: 46981

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

192 16.1 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.639 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX045660.D

Acq: 08 Apr 2025 18:17

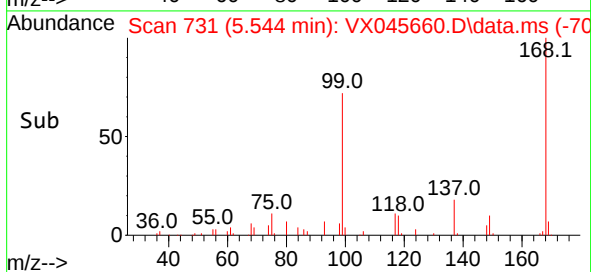
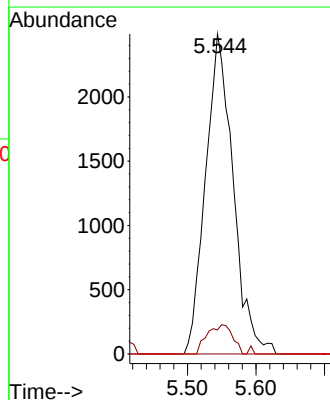
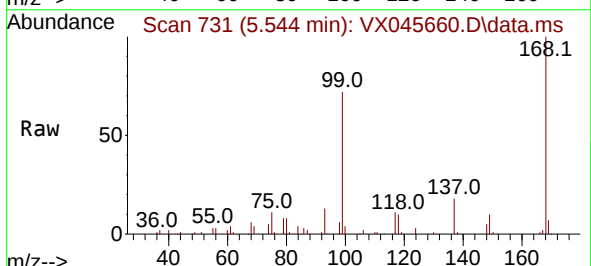
Tgt Ion: 75 Resp: 6964

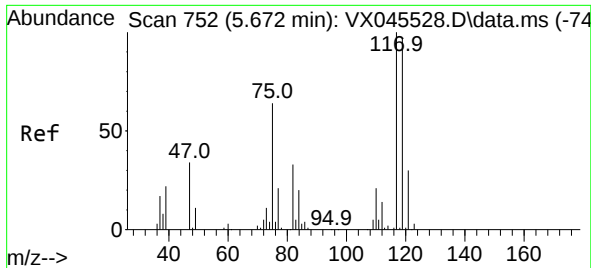
Ion Ratio Lower Upper

75 100

110 8.4 16.9 50.6#

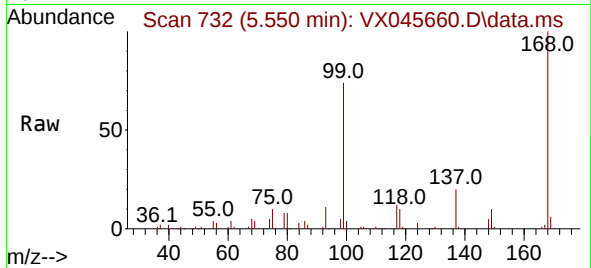
77 0.0 25.0 37.4#



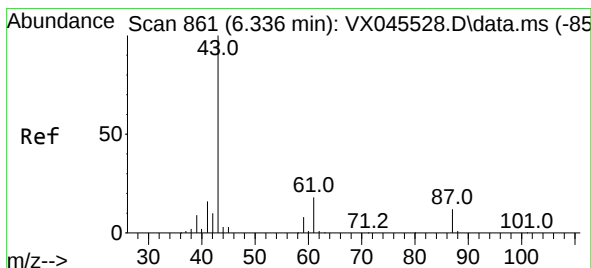
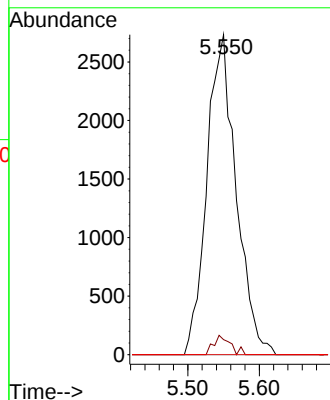
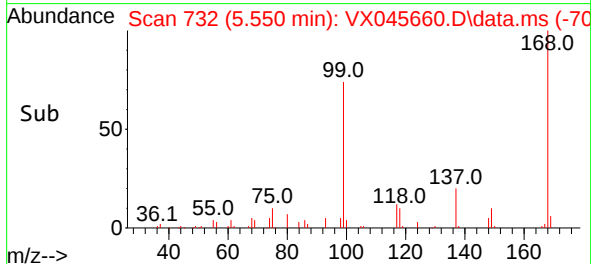


#38
Carbon Tetrachloride
Concen: 5.825 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

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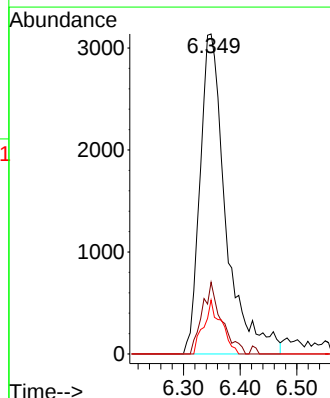
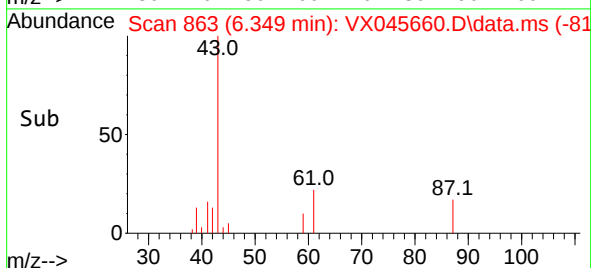
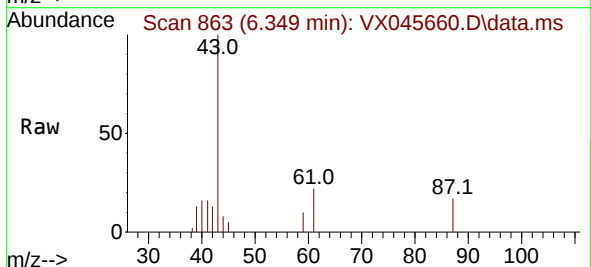


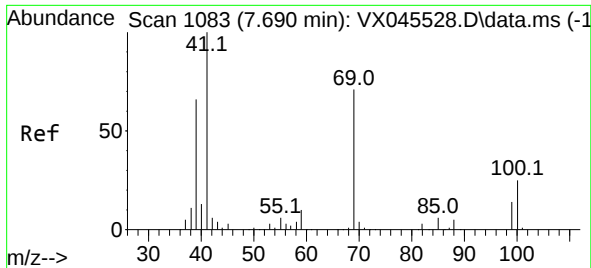
Tgt Ion:117 Resp: 7775
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 4.191 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

Tgt Ion: 43 Resp: 9886
Ion Ratio Lower Upper
43 100
61 17.0 14.1 21.1
87 11.5 9.2 13.8

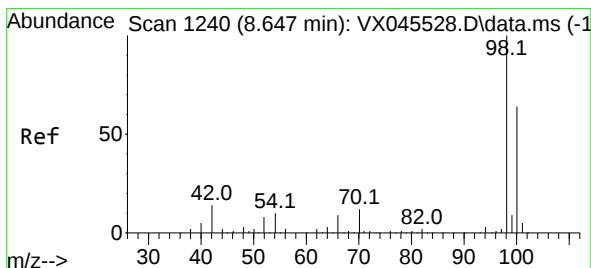
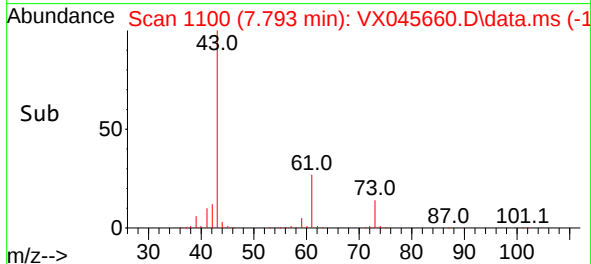
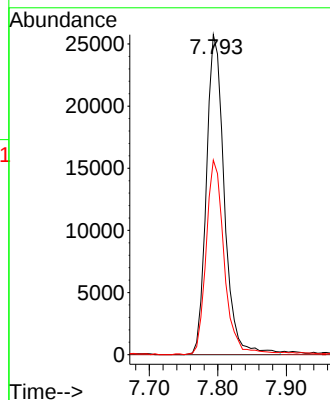
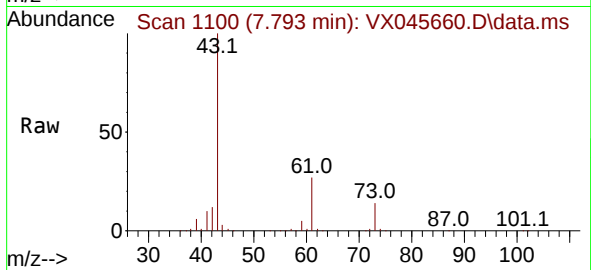




#48
Methyl methacrylate
Concen: 38.467 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

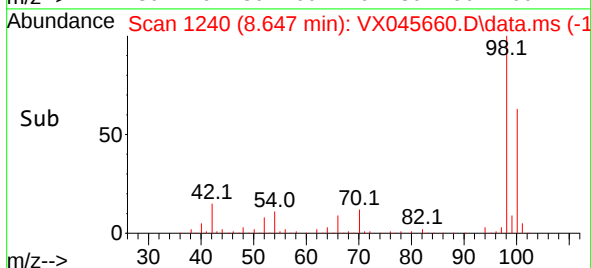
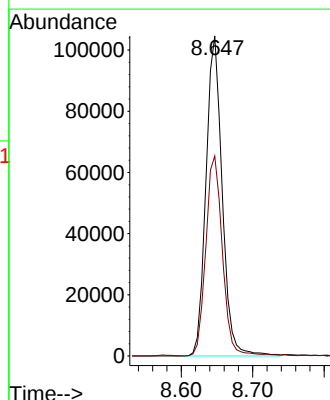
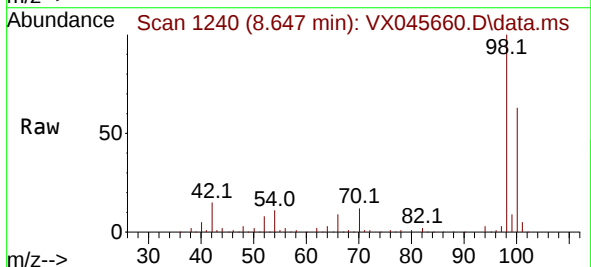
Instrument :
MSVOA_X
ClientSampleId :
B-158-SB01

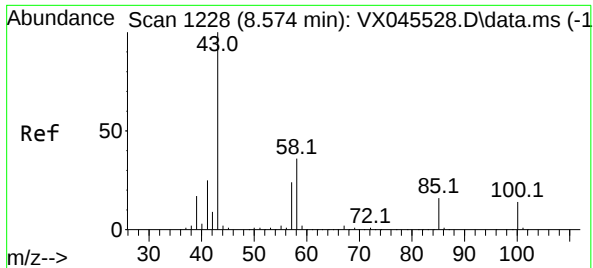
Tgt Ion: 41 Resp: 46852
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 61.5 53.6 80.4



#50
Toluene-d8
Concen: 51.640 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

Tgt Ion: 98 Resp: 164875
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

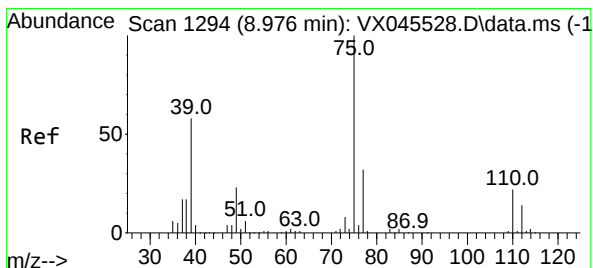
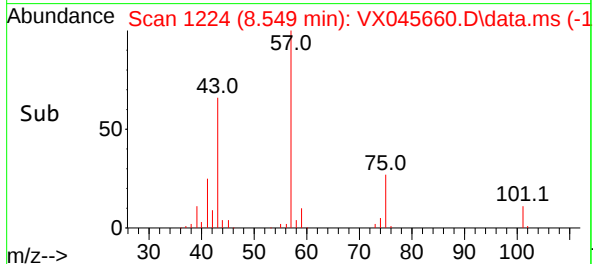
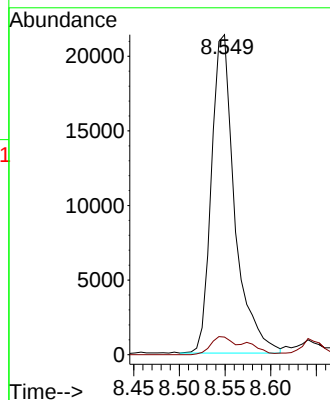
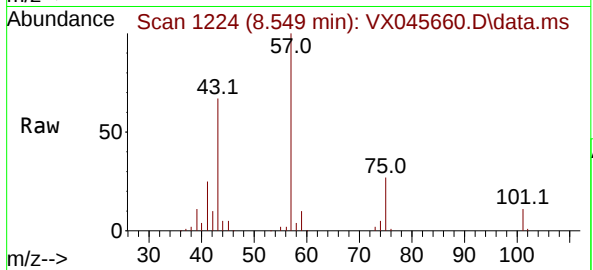




#51
4-Methyl-2-Pentanone
Concen: 24.251 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

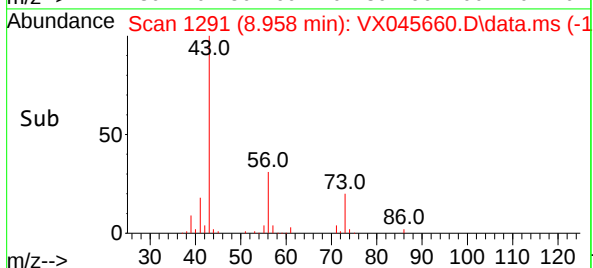
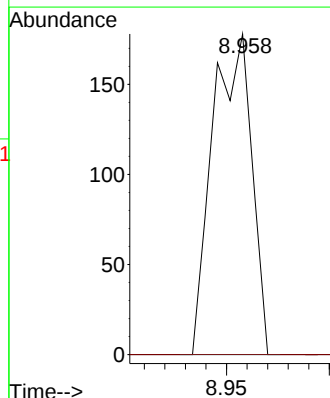
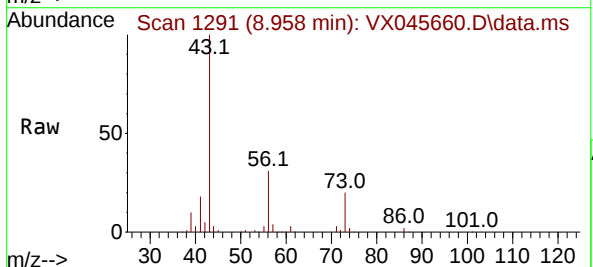
Instrument :
MSVOA_X
ClientSampleId :
B-158-SB01

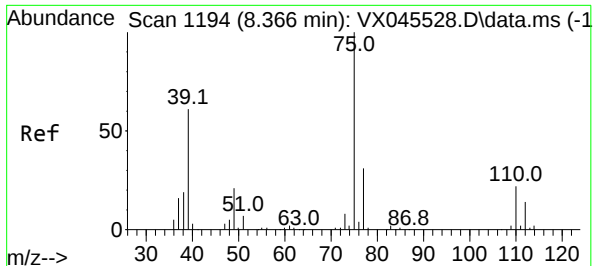
Tgt Ion: 43 Resp: 37924
Ion Ratio Lower Upper
43 100
58 6.0 28.5 42.7#



#53
t-1,3-Dichloropropene
Concen: 2.451 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

Tgt Ion: 75 Resp: 235
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

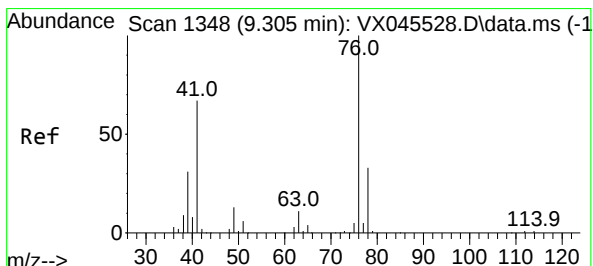
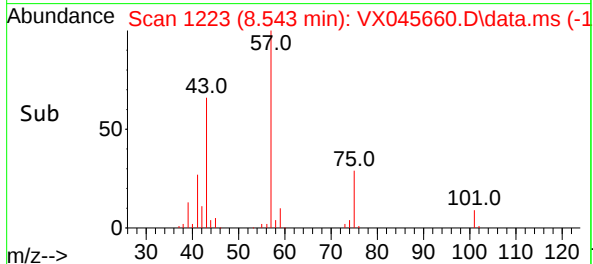
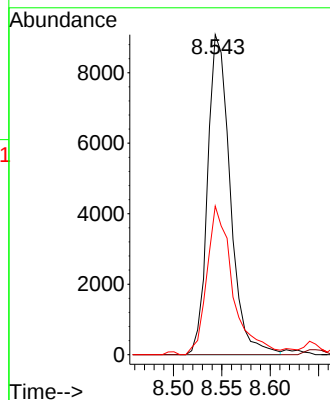
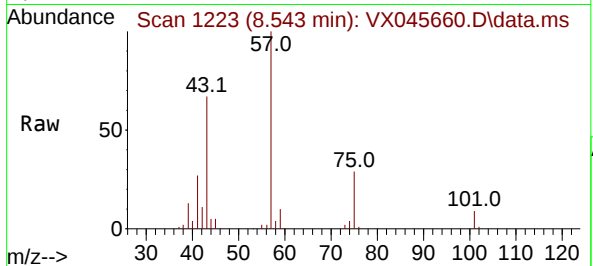




#54
 cis-1,3-Dichloropropene
 Concen: 10.878 ug/l
 RT: 8.543 min Scan# 1194
 Delta R.T. 0.177 min
 Lab File: VX045660.D
 Acq: 08 Apr 2025 18:17

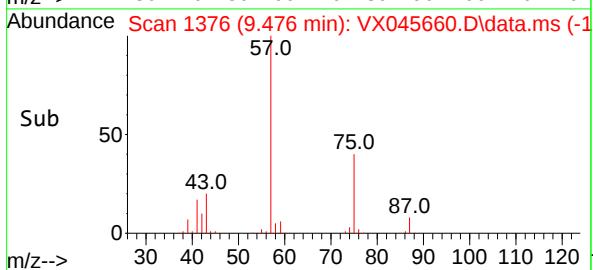
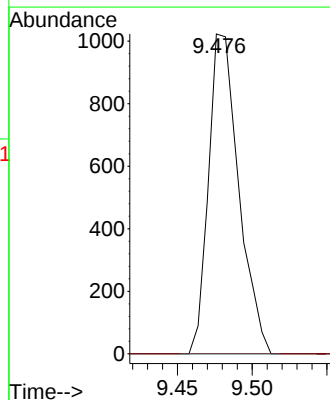
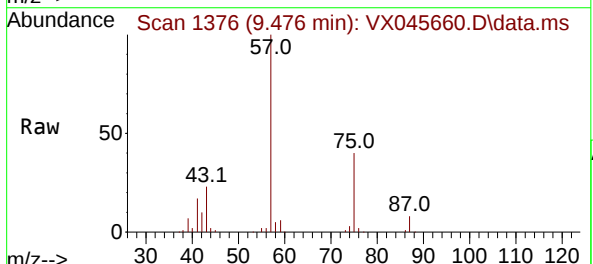
Instrument :
 MSVOA_X
 ClientSampleId :
 B-158-SB01

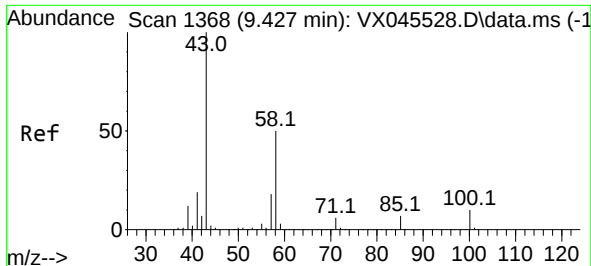
Tgt Ion: 75 Resp: 14749
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 46.5 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.910 ug/l
 RT: 9.476 min Scan# 1376
 Delta R.T. 0.171 min
 Lab File: VX045660.D
 Acq: 08 Apr 2025 18:17

Tgt Ion: 76 Resp: 1441
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

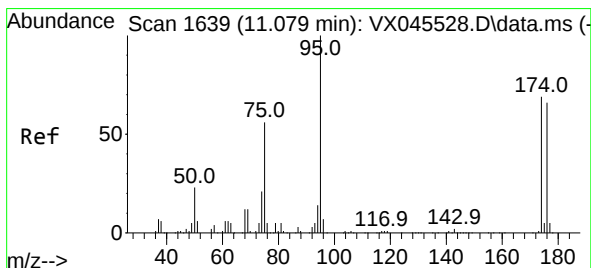
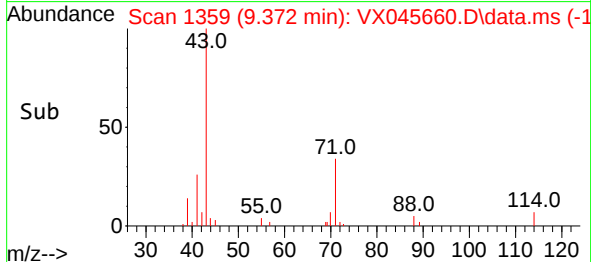
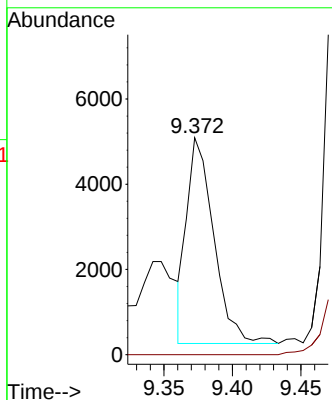
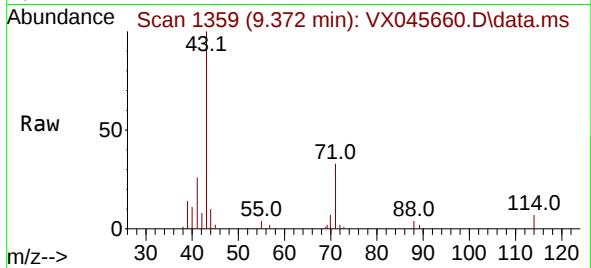




#59
2-Hexanone
Concen: 5.707 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

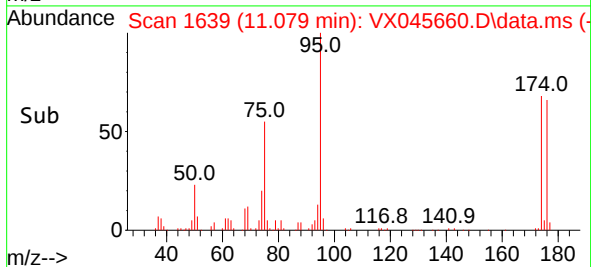
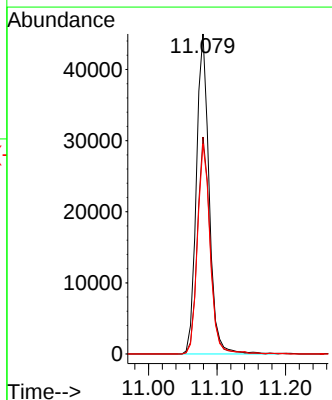
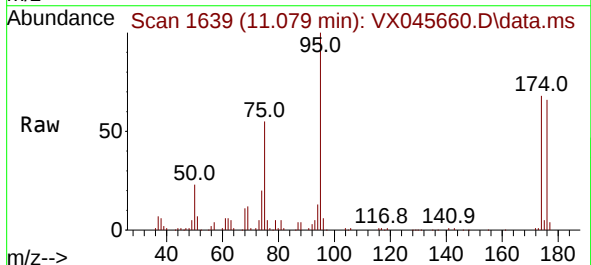
Instrument :
MSVOA_X
ClientSampleId :
B-158-SB01

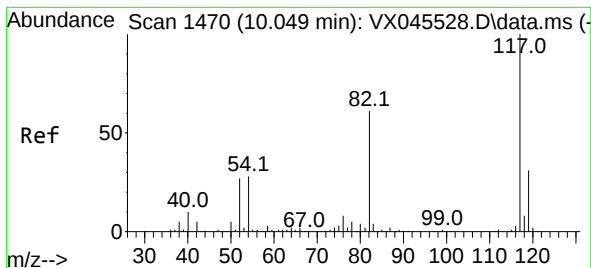
Tgt Ion: 43 Resp: 6609
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 50.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045660.D
Acq: 08 Apr 2025 18:17

Tgt Ion: 95 Resp: 58226
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 65.2 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045660.D

Acq: 08 Apr 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

B-158-SB01

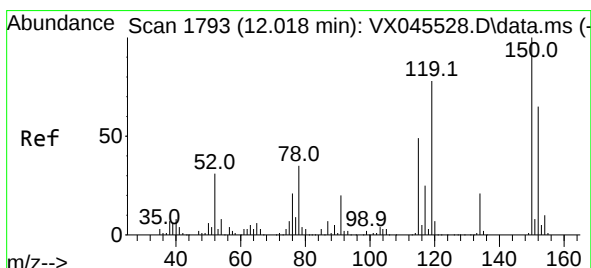
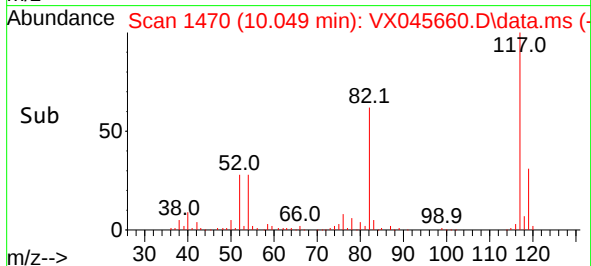
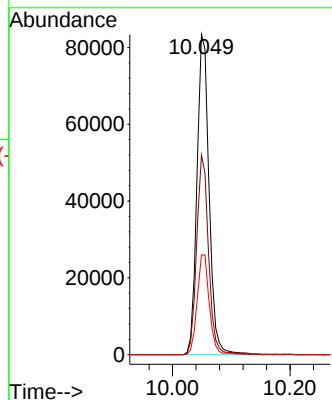
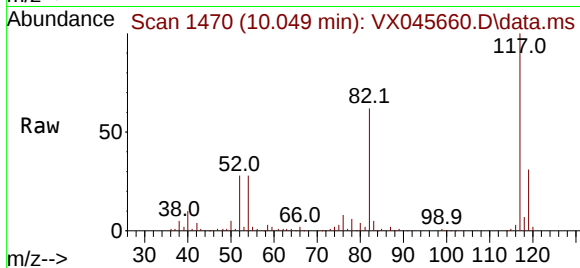
Tgt Ion:117 Resp: 119671

Ion Ratio Lower Upper

117 100

82 62.4 49.2 73.8

119 31.2 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045660.D

Acq: 08 Apr 2025 18:17

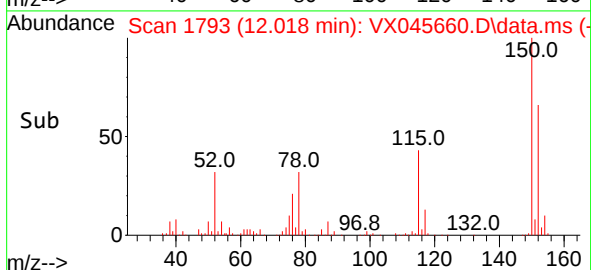
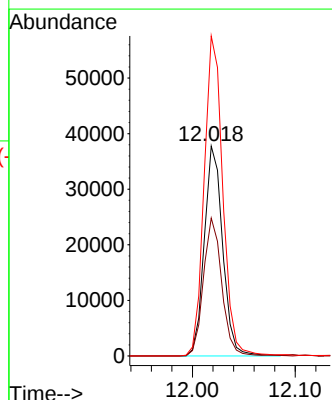
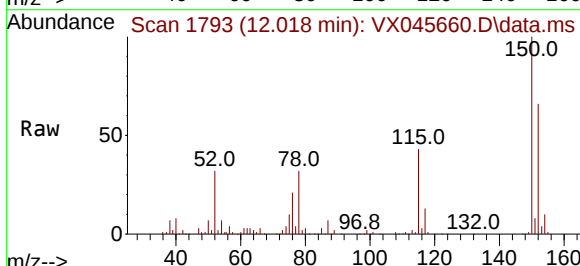
Tgt Ion:152 Resp: 47035

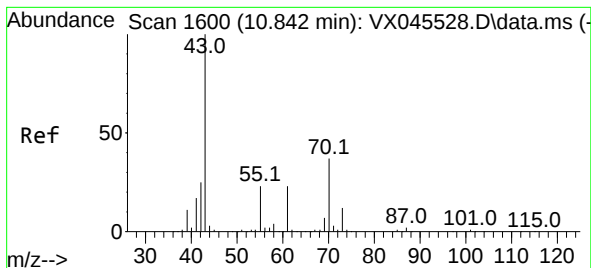
Ion Ratio Lower Upper

152 100

115 65.7 46.9 140.7

150 154.9 0.0 349.4





#74

N-amy1 acetate

Concen: 0.734 ug/l

RT: 10.775 min Scan# 1

Delta R.T. -0.067 min

Lab File: VX045660.D

Acq: 08 Apr 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

B-158-SB01

Tgt Ion: 43 Resp: 1323

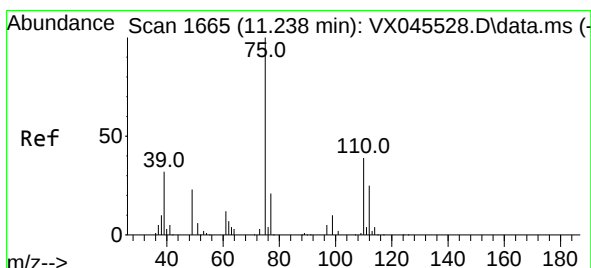
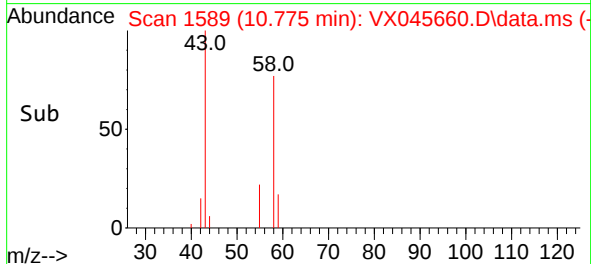
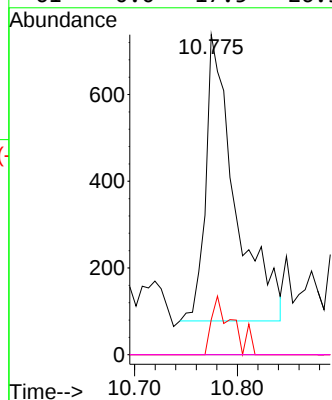
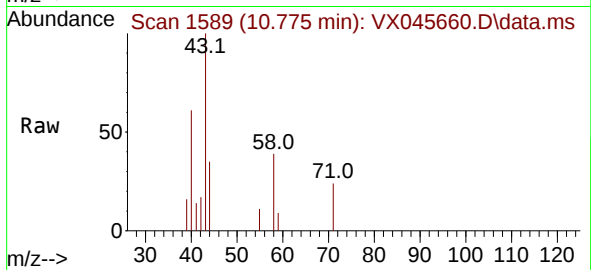
Ion Ratio Lower Upper

43 100

70 0.0 30.1 45.1#

55 14.4 18.3 27.5#

61 0.0 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 29.039 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045660.D

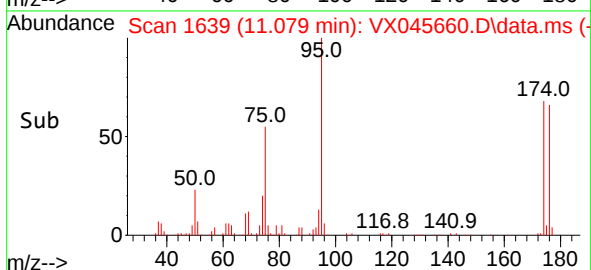
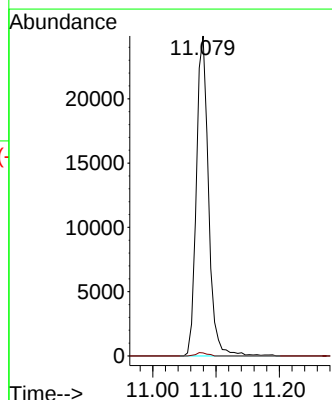
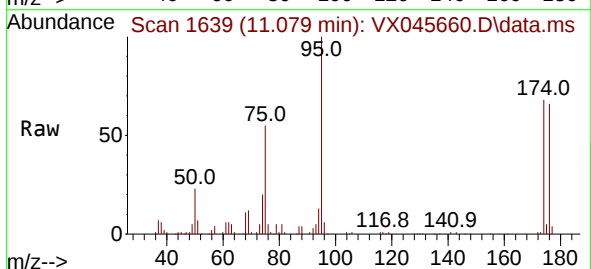
Acq: 08 Apr 2025 18:17

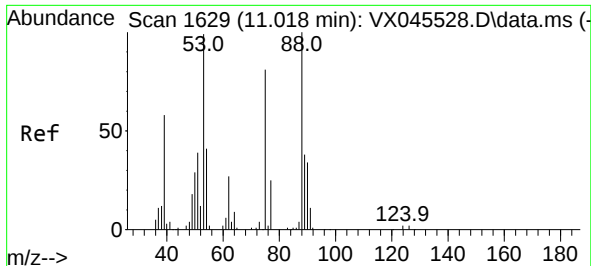
Tgt Ion: 75 Resp: 33316

Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#

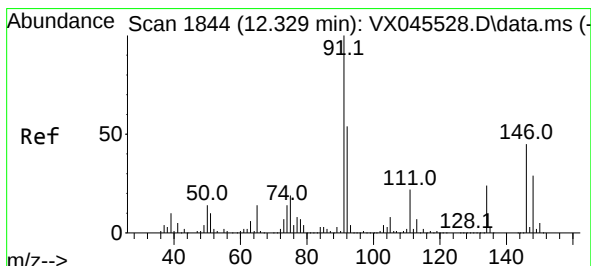
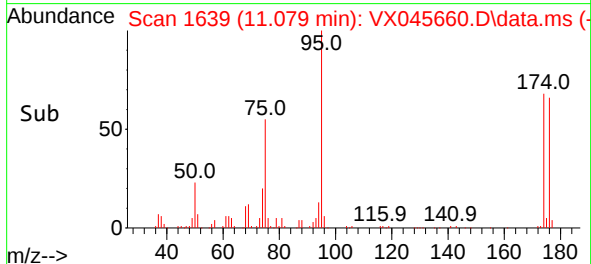
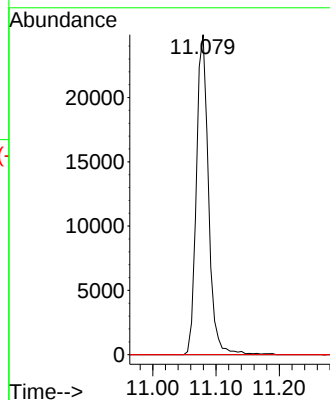
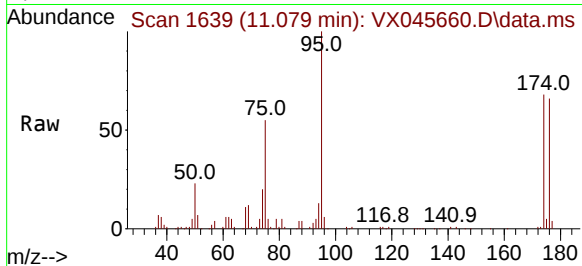




#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.554 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX045660.D
 Acq: 08 Apr 2025 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 B-158-SB01

Tgt Ion: 75 Resp: 33316
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#



#89
 n-Butylbenzene
 Concen: 0.407 ug/l
 RT: 12.408 min Scan# 1857
 Delta R.T. 0.079 min
 Lab File: VX045660.D
 Acq: 08 Apr 2025 18:17

Tgt Ion: 91 Resp: 1102
 Ion Ratio Lower Upper
 91 100
 92 7.3 26.9 80.6#
 134 0.0 11.9 35.7#

