

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045718.D
 Acq On : 11 Apr 2025 05:55
 Operator : JC/MD
 Sample : PB167534TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534TB

Quant Time: Apr 11 06:43:16 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

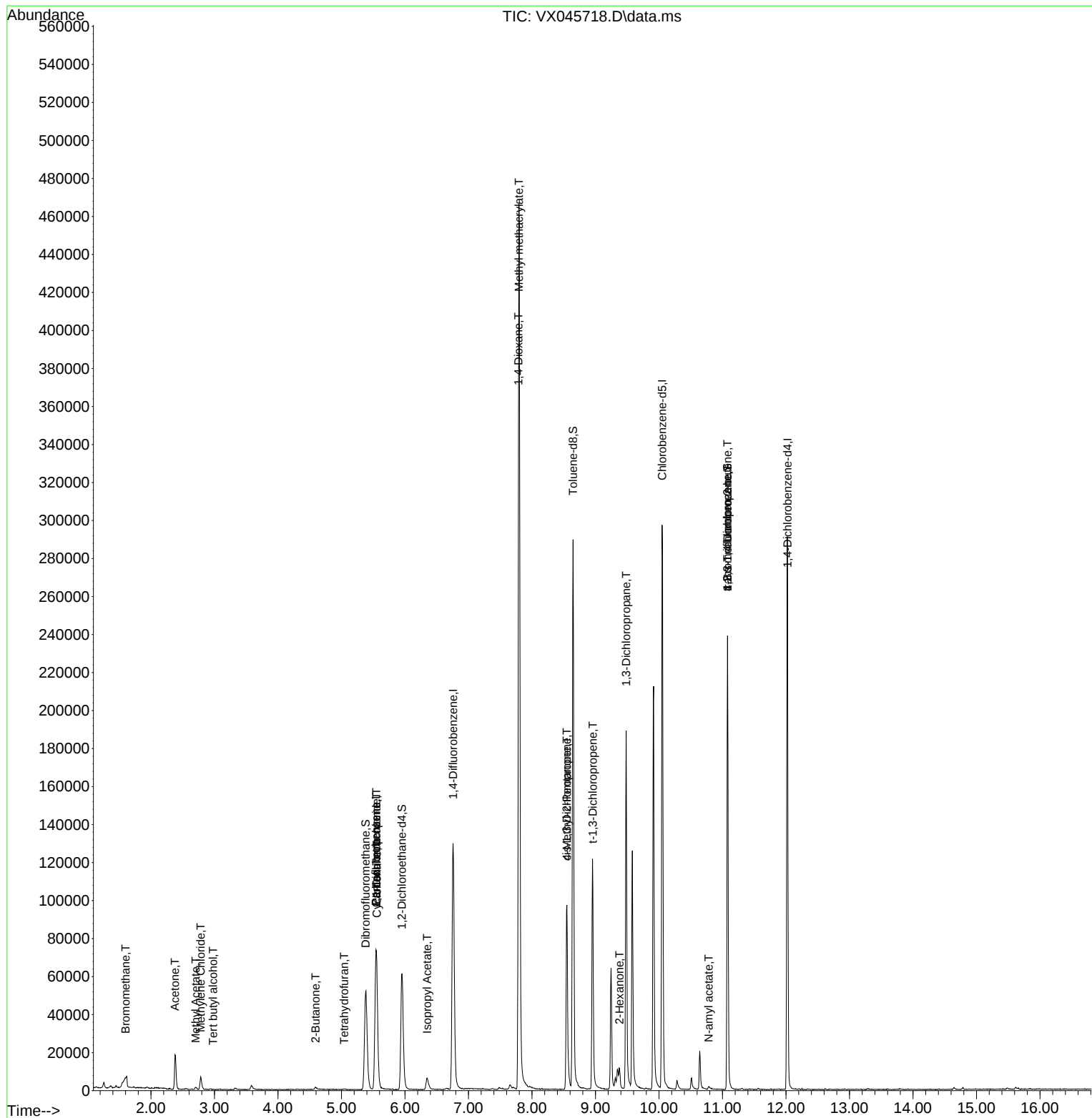
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	63061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63259	54.854	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.700%		
35) Dibromofluoromethane	5.379	113	44790	49.805	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.620%		
50) Toluene-d8	8.647	98	162427	51.746	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.500%		
62) 4-Bromofluorobenzene	11.079	95	62575	54.730	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 109.460%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	102	0.243	ug/l #	67
11) Tert butyl alcohol	2.977	59	73	0.471	ug/l #	72
16) Acetone	2.380	43	20727	43.770	ug/l	99
18) Methyl Acetate	2.703	43	1842	1.689	ug/l #	86
20) Methylene Chloride	2.782	84	2956	3.334	ug/l	93
25) 2-Butanone	4.593	43	2961	4.272	ug/l	98
29) Tetrahydrofuran	5.044	42	263	0.585	ug/l #	41
31) Cyclohexane	5.556	56	1754	1.240	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	6506	5.358	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7654	5.833	ug/l #	15
43) Isopropyl Acetate	6.349	43	8896	3.836	ug/l	99
48) Methyl methacrylate	7.793	41	46797	39.081	ug/l #	50
49) 1,4-Dioxane	7.787	88	51	2.354	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	38923	25.317	ug/l #	53
53) t-1,3-Dichloropropene	8.958	75	217	2.441	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14802	11.104	ug/l #	70
57) 1,3-Dichloropropane	9.482	76	1500	0.963	ug/l #	42
59) 2-Hexanone	9.378	43	10613	9.322	ug/l #	28
74) N-amyl acetate	10.781	43	1221	0.598	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	35948	27.653	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35948	93.851	ug/l #	1

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

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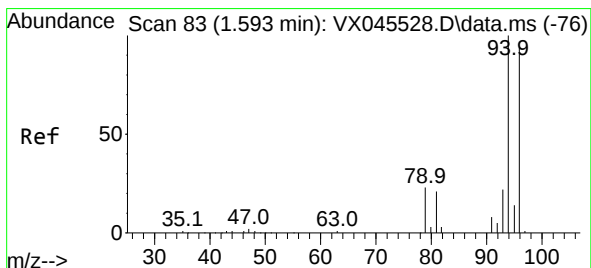
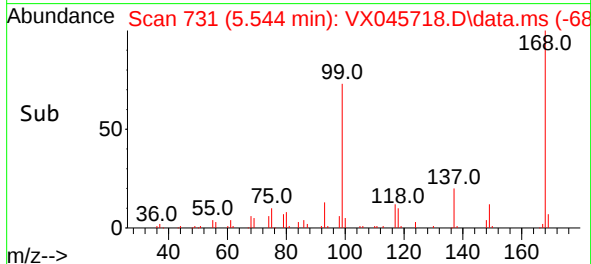
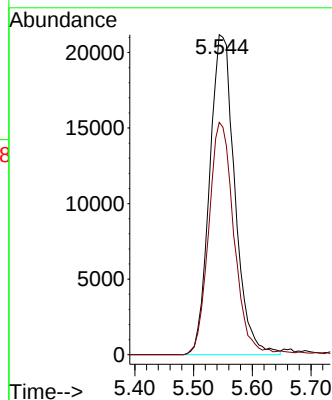
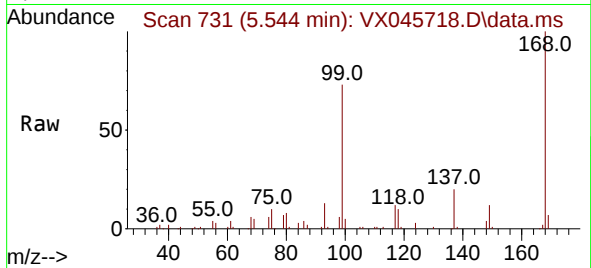




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

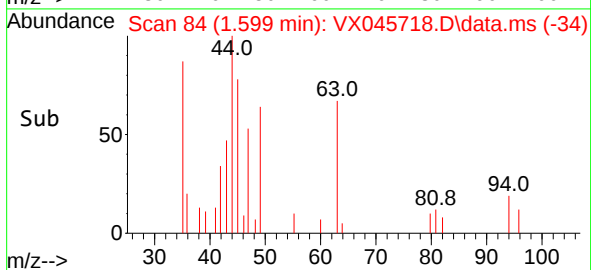
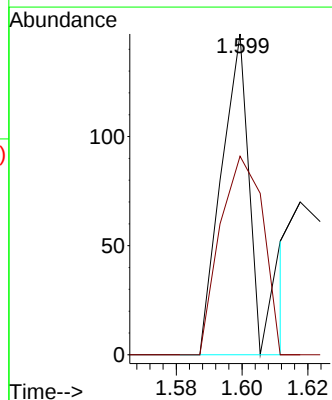
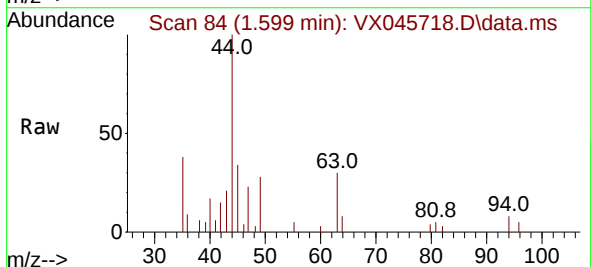
Instrument :
MSVOA_X
ClientSampleId :
PB167534TB

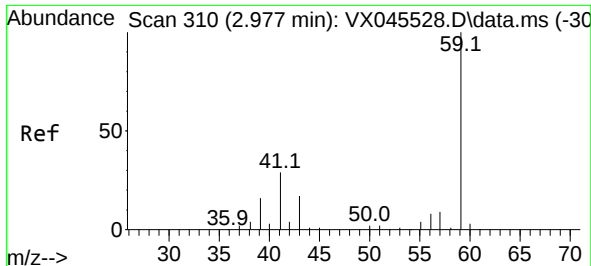
Tgt Ion:168 Resp: 63061
Ion Ratio Lower Upper
168 100
99 72.6 52.3 78.5



#5
Bromomethane
Concen: 0.243 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 61.9 74.8 112.2#

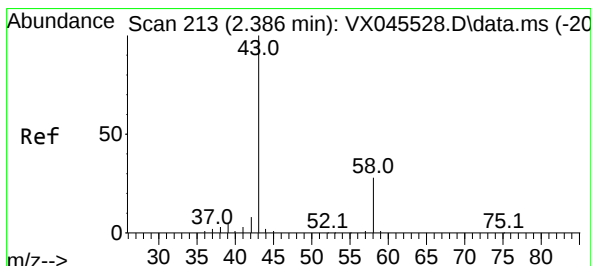
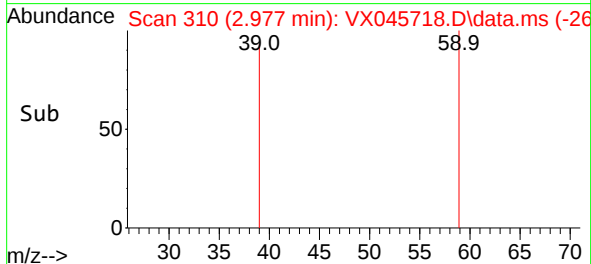
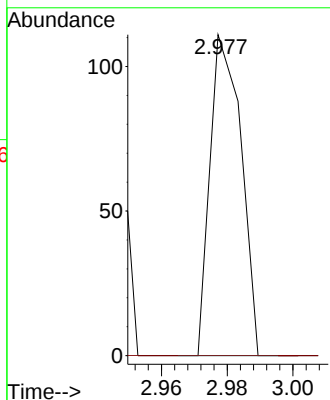
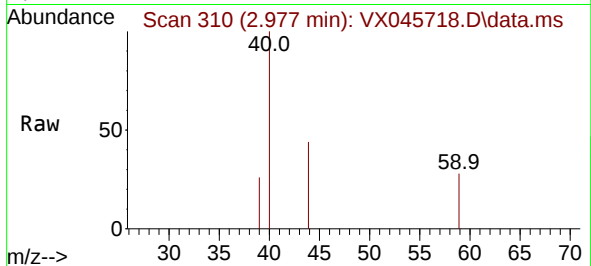




#11
Tert butyl alcohol
Concen: 0.471 ug/l
RT: 2.977 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

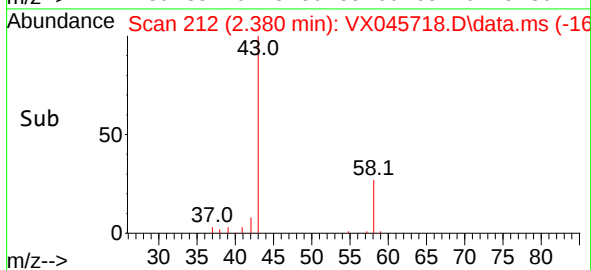
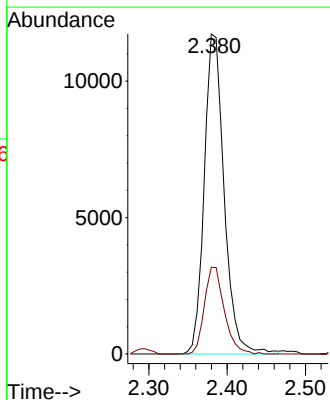
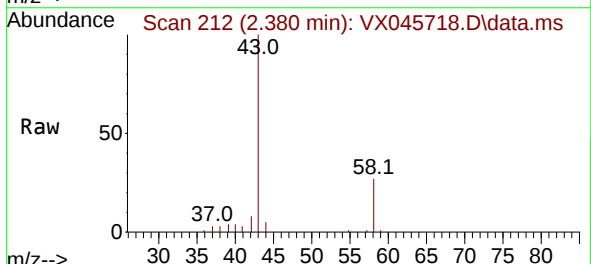
Instrument :
MSVOA_X
ClientSampleId :
PB167534TB

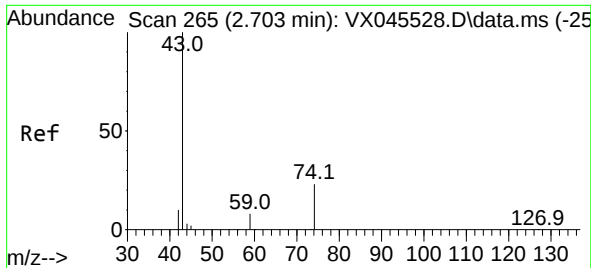
Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 43.770 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 43 Resp: 20727
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5

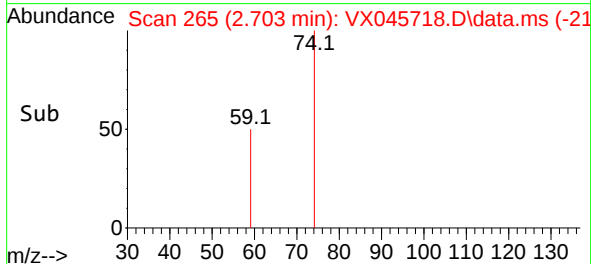
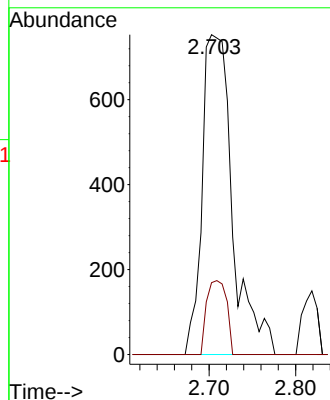
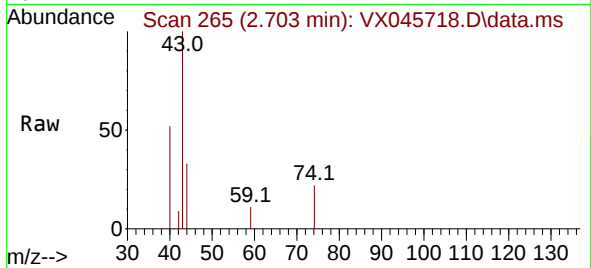




#18
Methyl Acetate
Concen: 1.689 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

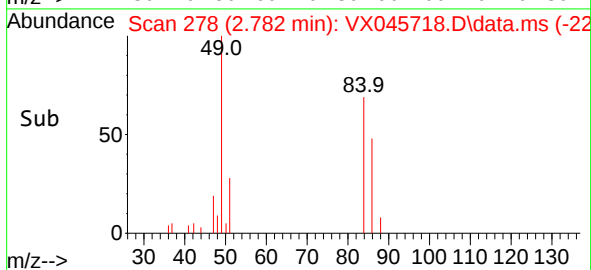
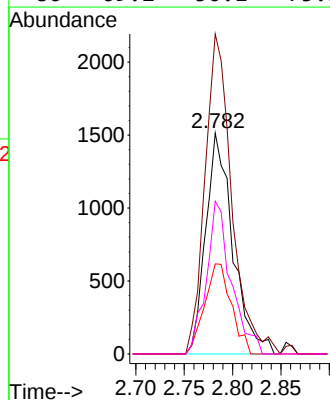
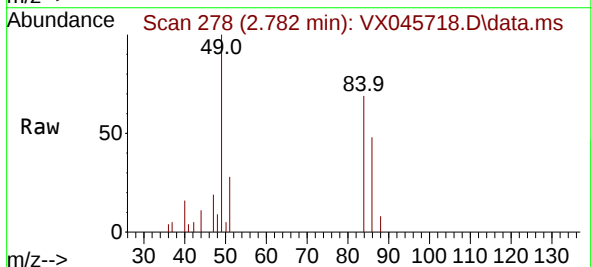
Instrument :
MSVOA_X
ClientSampleId :
PB167534TB

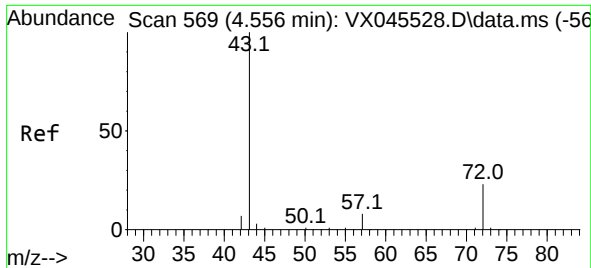
Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
74 15.0 17.5 26.3#



#20
Methylene Chloride
Concen: 3.334 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 84 Resp: 2956
Ion Ratio Lower Upper
84 100
49 144.8 107.5 161.3
51 40.8 33.0 49.6
86 69.2 50.1 75.1

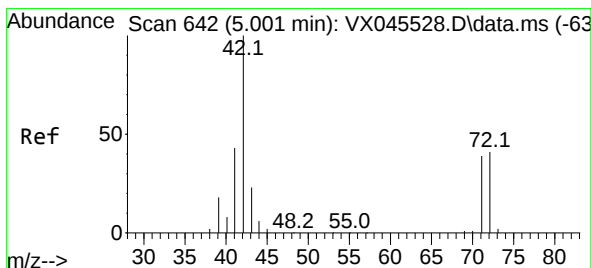
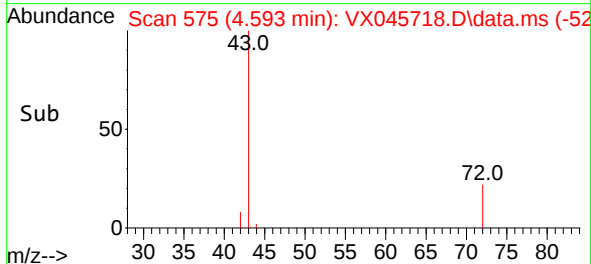
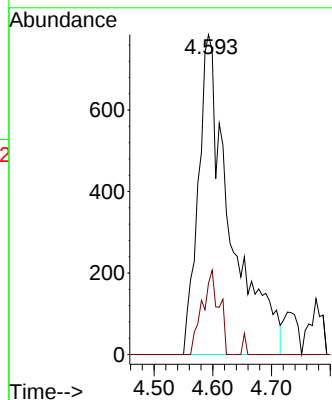
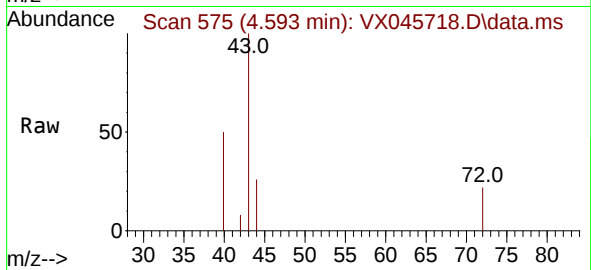




#25
2-Butanone
Concen: 4.272 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

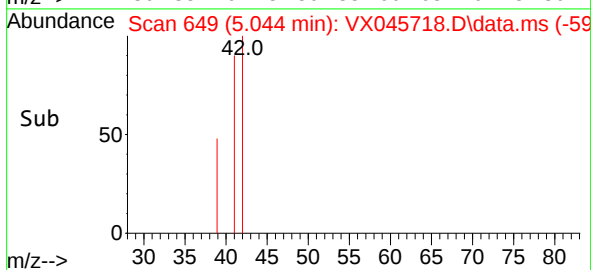
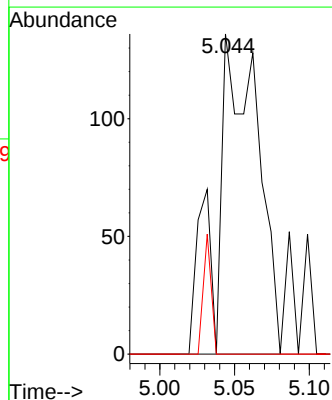
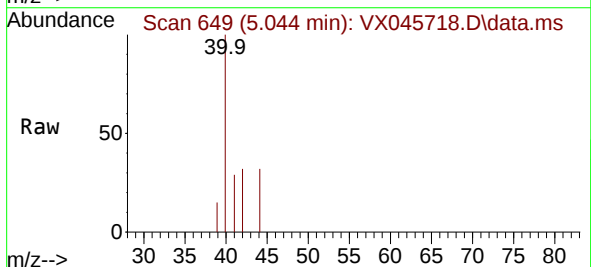
Instrument :
MSVOA_X
ClientSampleId :
PB167534TB

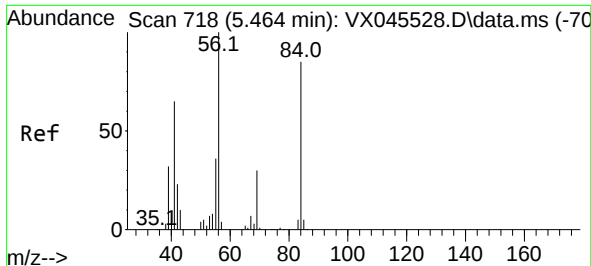
Tgt Ion: 43 Resp: 2961
Ion Ratio Lower Upper
43 100
72 22.3 18.6 28.0



#29
Tetrahydrofuran
Concen: 0.585 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.043 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

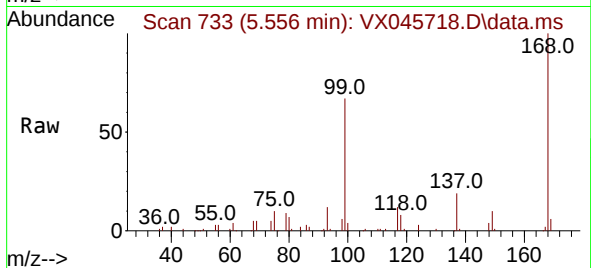
Tgt Ion: 42 Resp: 263
Ion Ratio Lower Upper
42 100
72 0.0 33.4 50.0#
71 7.2 31.4 47.0#



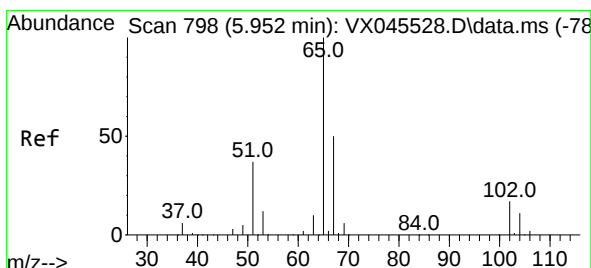
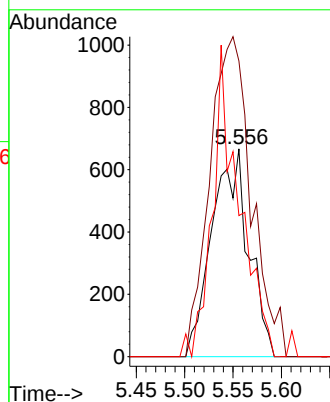
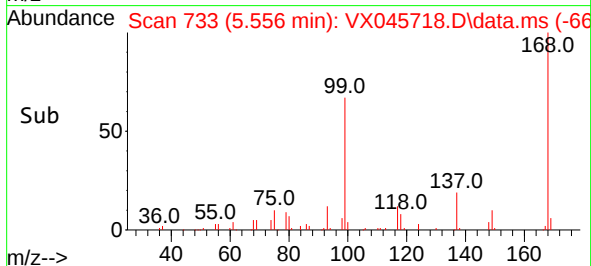


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Instrument :
MSVOA_X
ClientSampleId :
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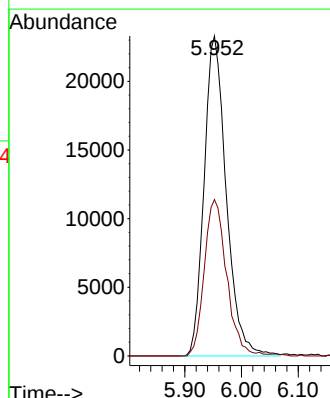
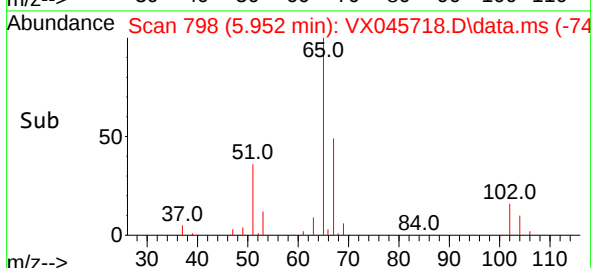
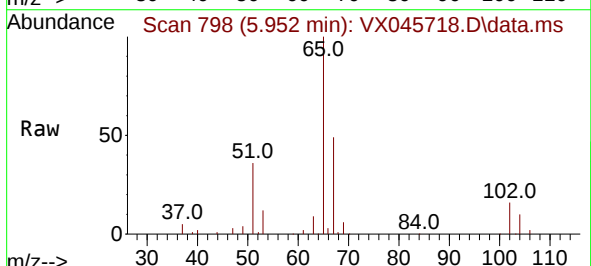


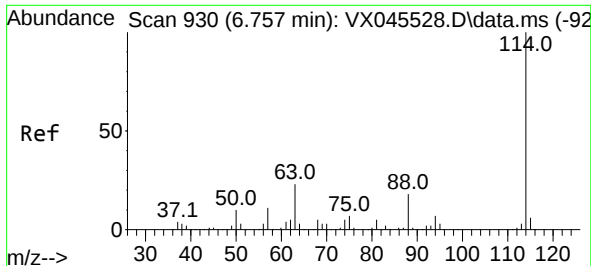
Tgt Ion: 56 Resp: 1754
Ion Ratio Lower Upper
56 100
69 142.3 23.6 35.4#
84 67.9 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.854 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 65 Resp: 63259
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

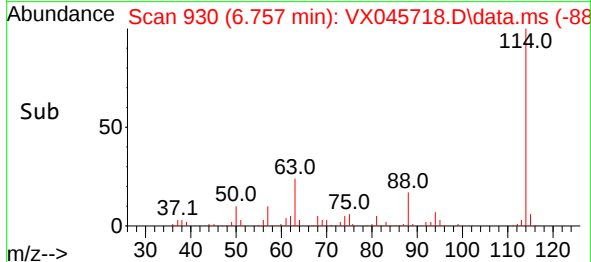
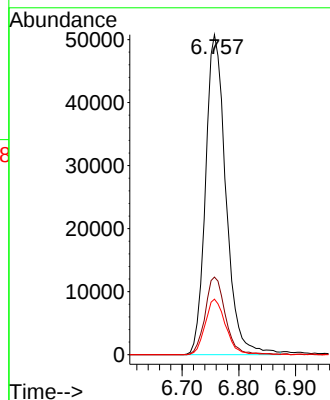
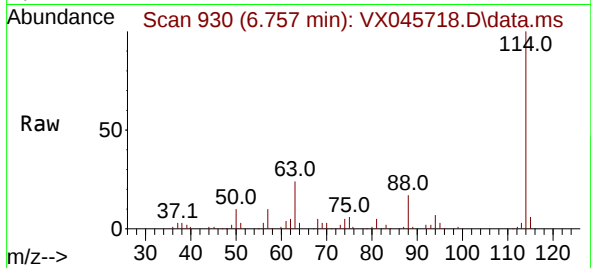




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

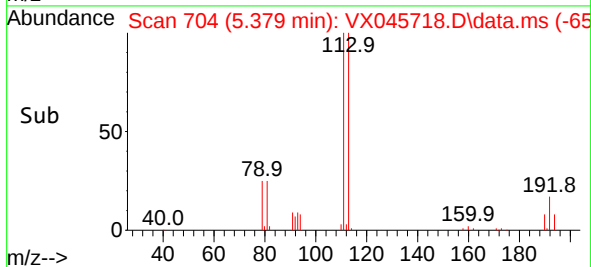
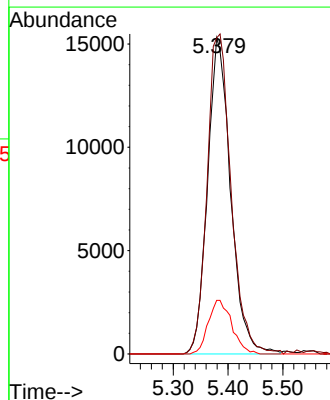
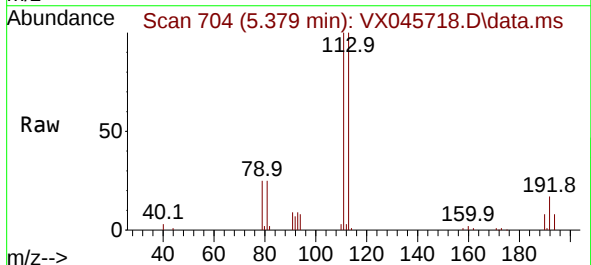
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Tgt Ion:114 Resp: 126751
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.805 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion:113 Resp: 44790
Ion Ratio Lower Upper
113 100
111 105.1 81.8 122.6
192 17.3 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.358 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.134 min

Lab File: VX045718.D

Acq: 11 Apr 2025 05:55

Instrument :

MSVOA_X

ClientSampleId :

PB167534TB

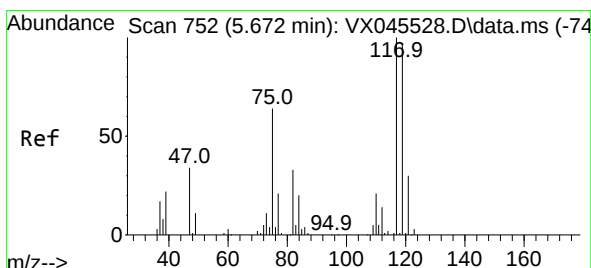
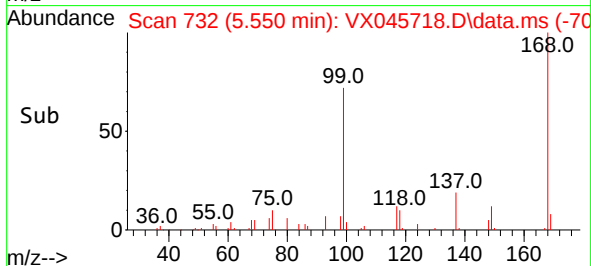
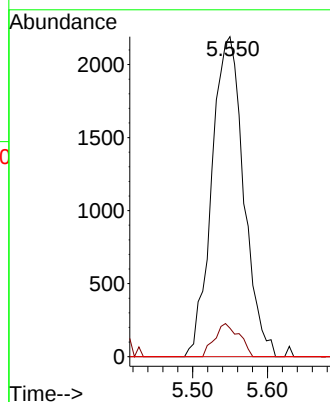
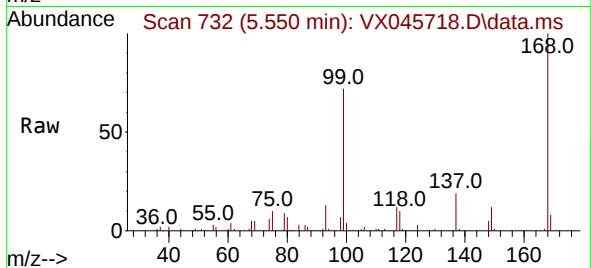
Tgt Ion: 75 Resp: 6506

Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.833 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045718.D

Acq: 11 Apr 2025 05:55

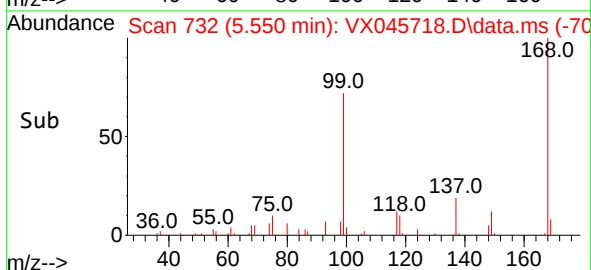
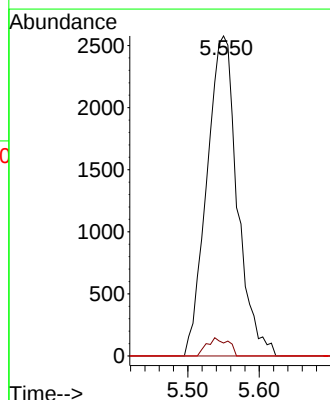
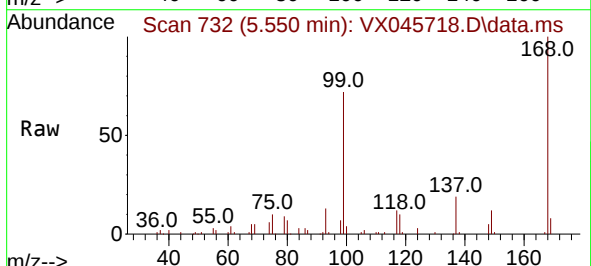
Tgt Ion: 117 Resp: 7654

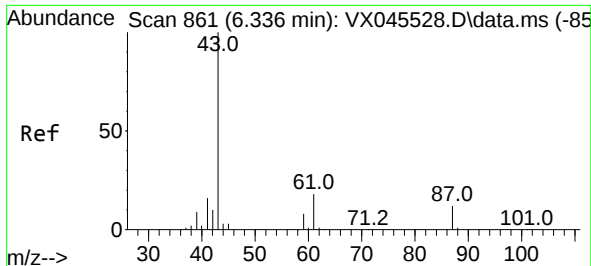
Ion Ratio Lower Upper

117 100

119 4.1 76.9 115.3#

121 0.0 24.2 36.2#

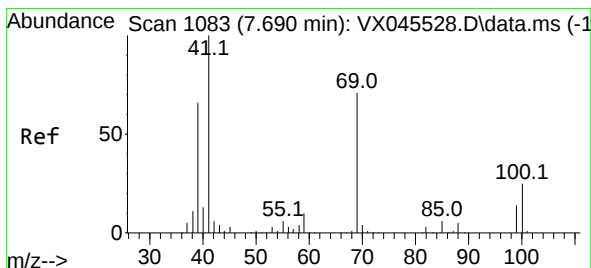
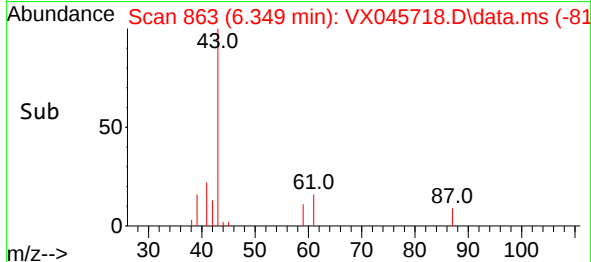
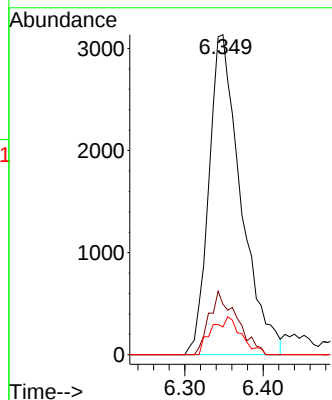
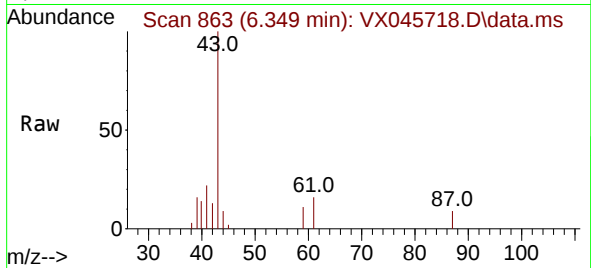




#43
Isopropyl Acetate
Concen: 3.836 ug/l
RT: 6.349 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

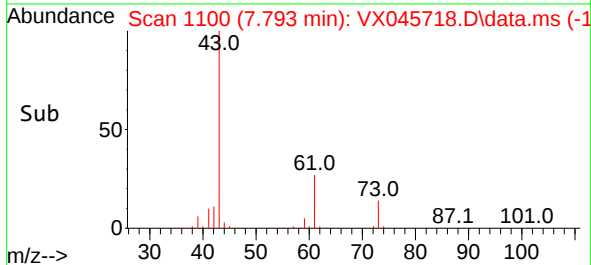
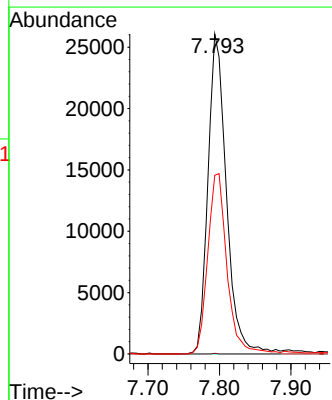
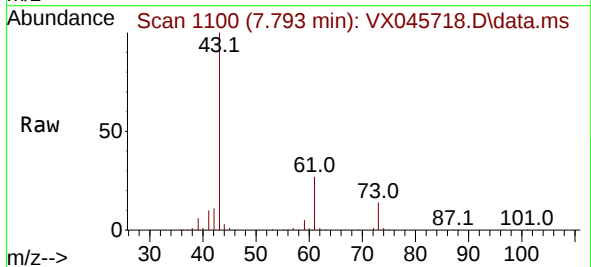
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ClientSampleId :
PB167534TB

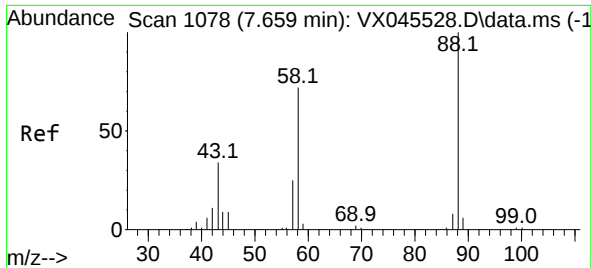
Tgt Ion: 43 Resp: 8896
Ion Ratio Lower Upper
43 100
61 17.2 14.1 21.1
87 10.9 9.2 13.8



#48
Methyl methacrylate
Concen: 39.081 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 41 Resp: 46797
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 58.7 53.6 80.4

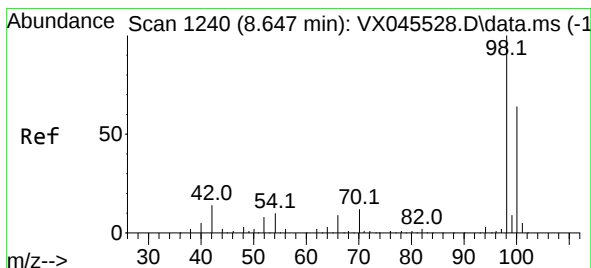
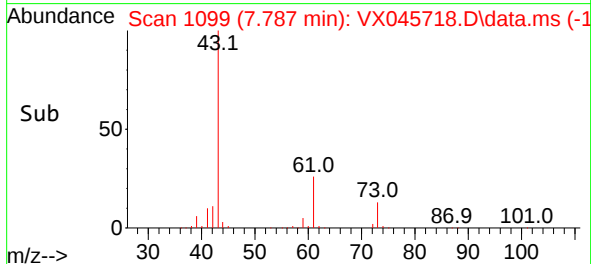
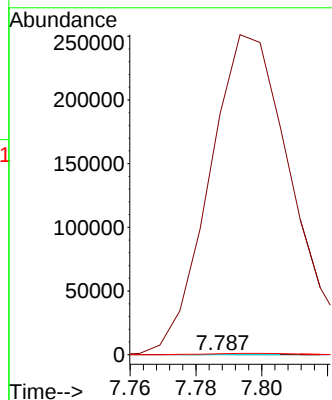
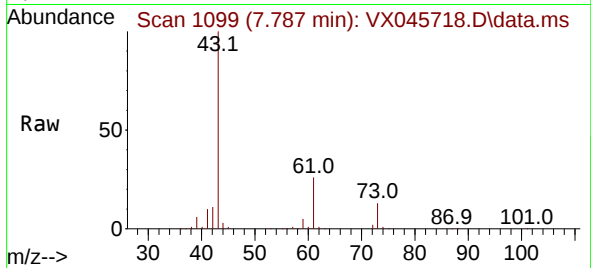




#49
1,4-Dioxane
Concen: 2.354 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.128 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

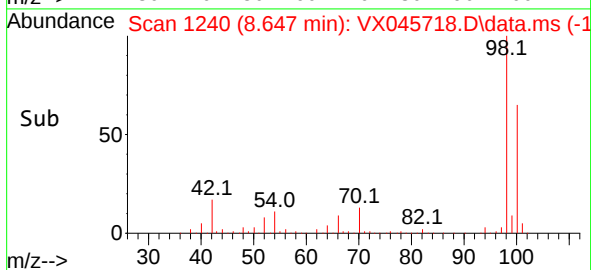
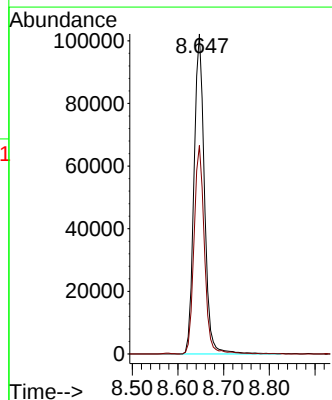
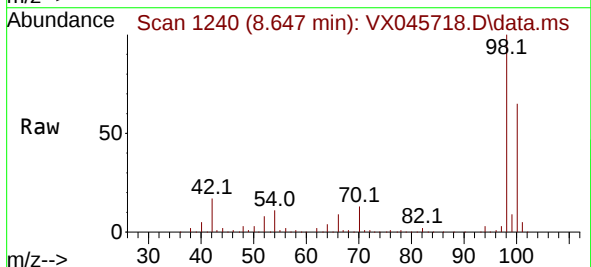
Instrument :
MSVOA_X
ClientSampleId :
PB167534TB

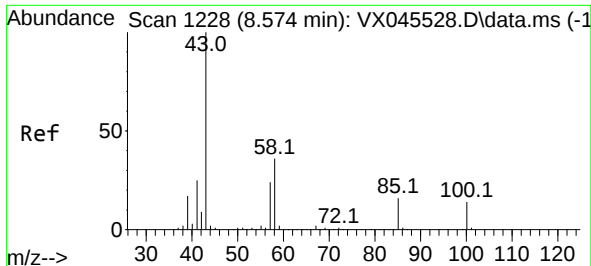
Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 896090.2 32.2 48.4#
58 3815.7 58.6 88.0#



#50
Toluene-d8
Concen: 51.746 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 98 Resp: 162427
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

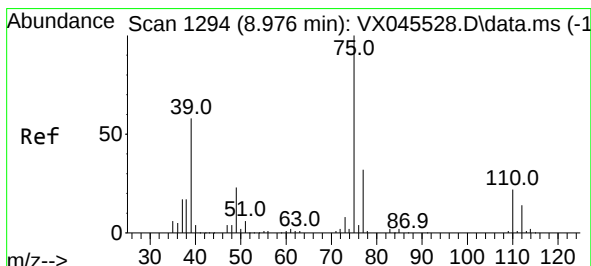
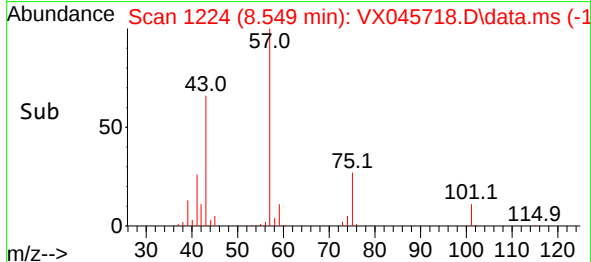
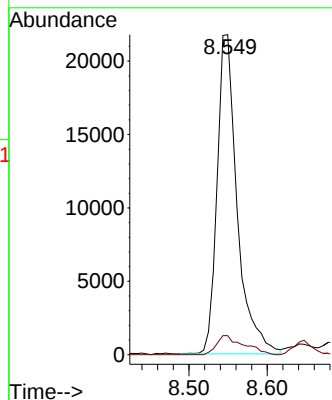
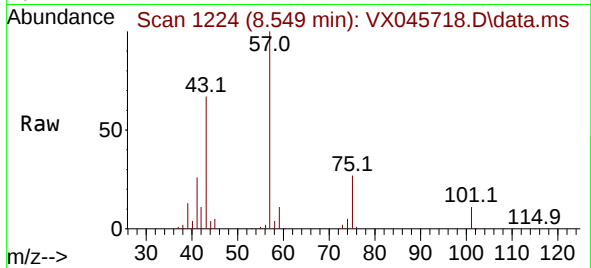




#51
4-Methyl-2-Pentanone
Concen: 25.317 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

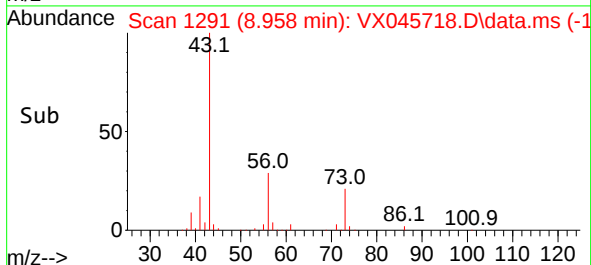
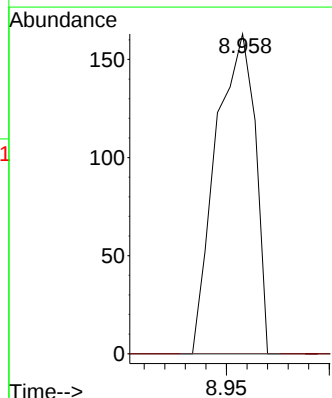
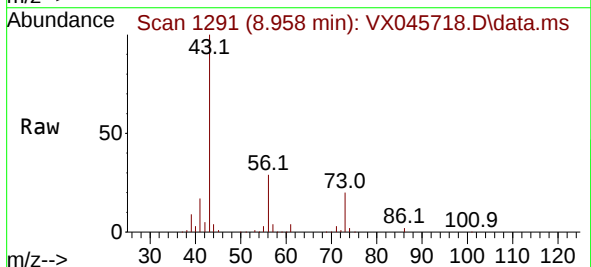
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ClientSampleId :
PB167534TB

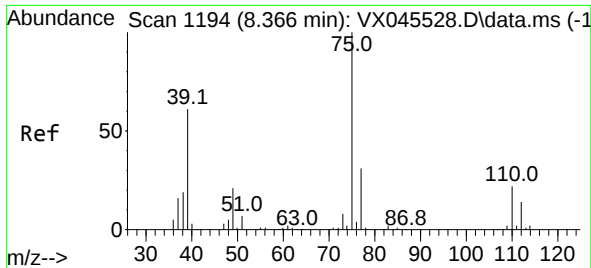
Tgt Ion: 43 Resp: 38923
Ion Ratio Lower Upper
43 100
58 8.1 28.5 42.7#



#53
t-1,3-Dichloropropene
Concen: 2.441 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 75 Resp: 217
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

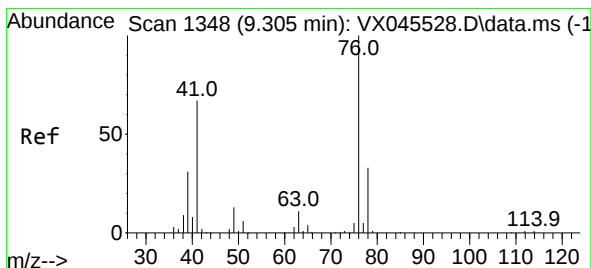
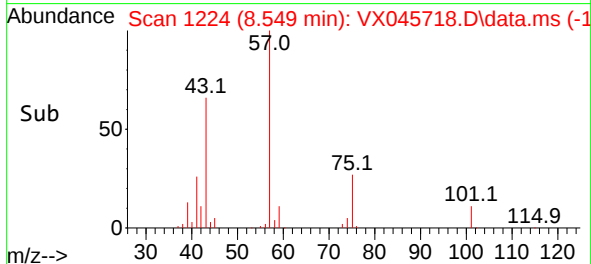
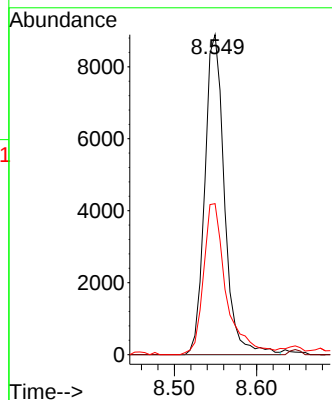
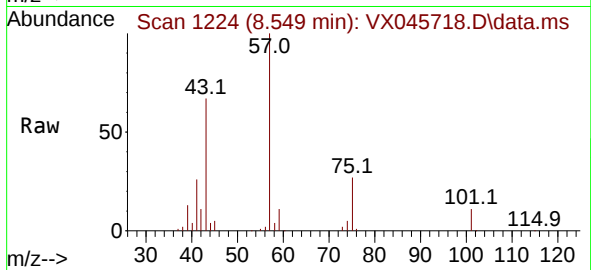




#54
 cis-1,3-Dichloropropene
 Concen: 11.104 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045718.D
 Acq: 11 Apr 2025 05:55

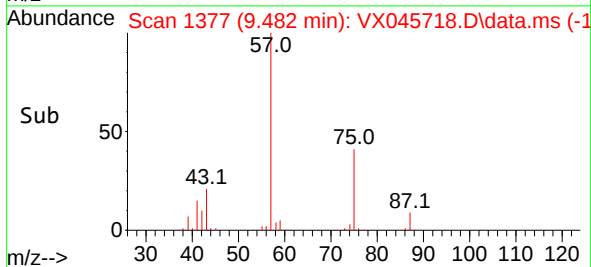
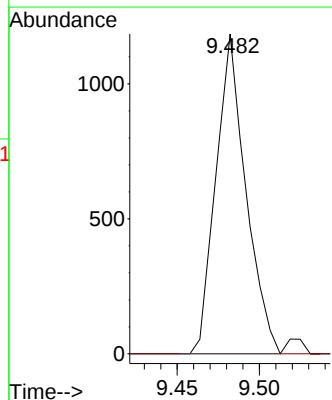
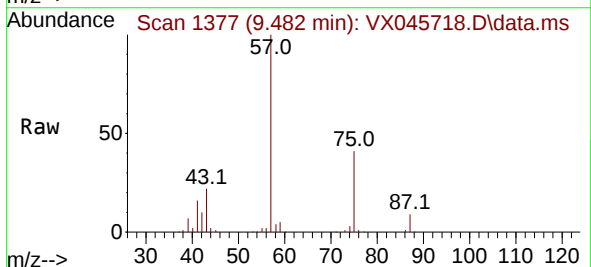
Instrument :
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 ClientSampleId :
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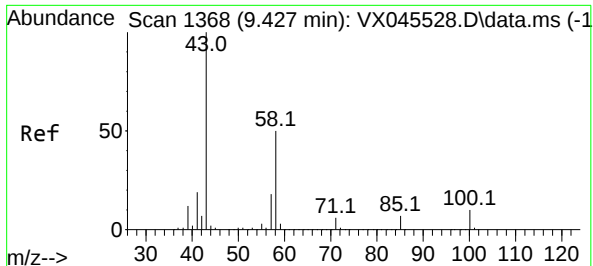
Tgt Ion: 75 Resp: 14802
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 47.2 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.963 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045718.D
 Acq: 11 Apr 2025 05:55

Tgt Ion: 76 Resp: 1500
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

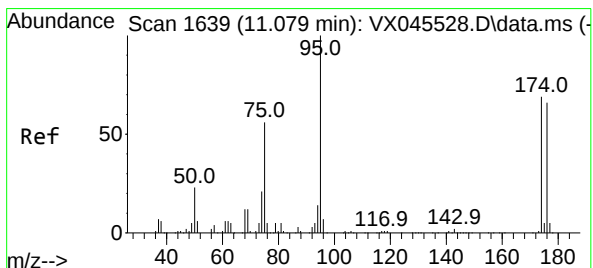
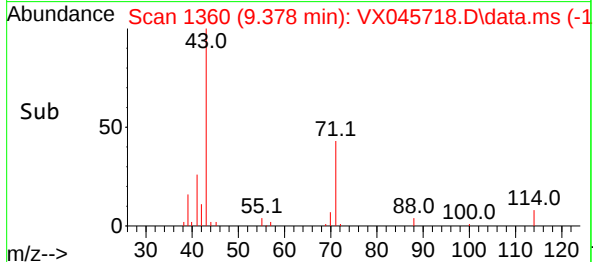
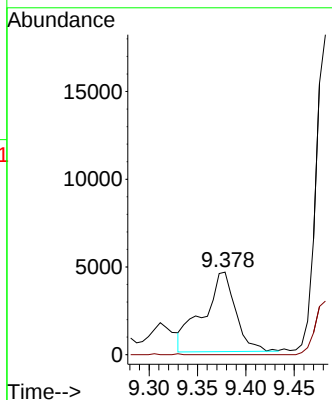
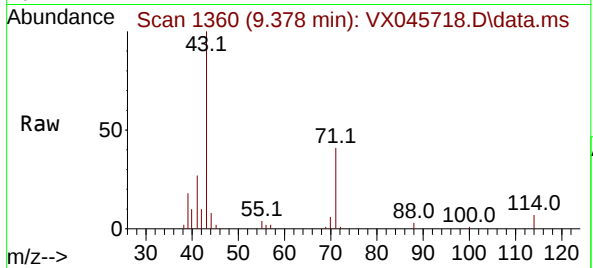




#59
2-Hexanone
Concen: 9.322 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

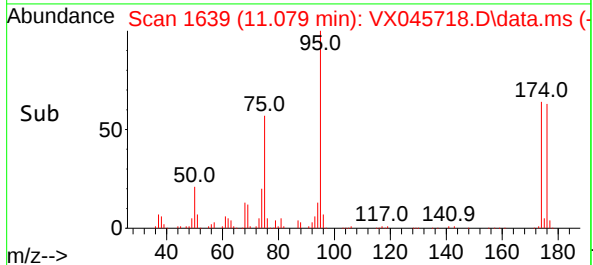
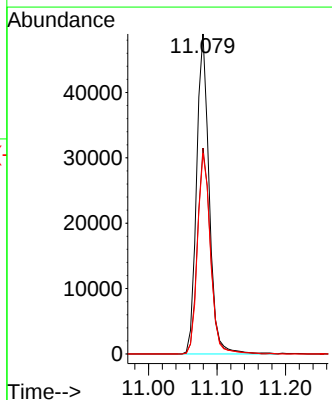
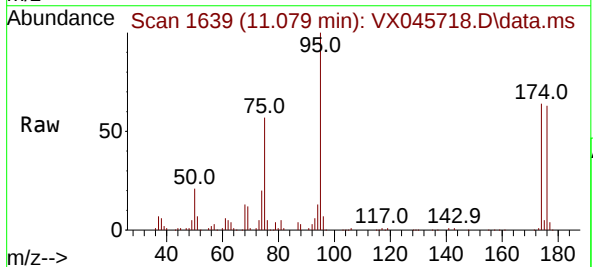
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ClientSampleId :
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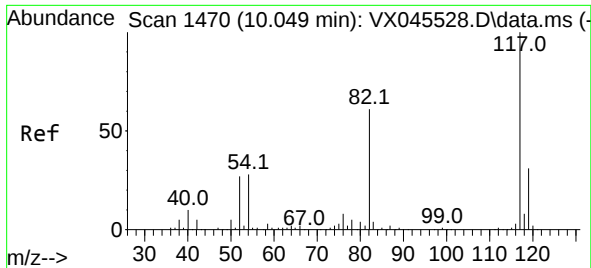
Tgt Ion: 43 Resp: 10613
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 54.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 95 Resp: 62575
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 64.6 0.0 131.4

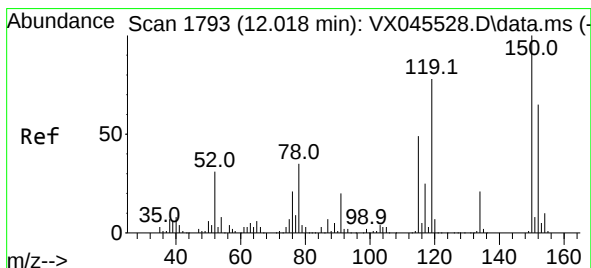
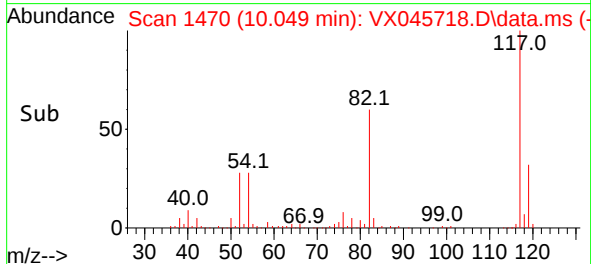
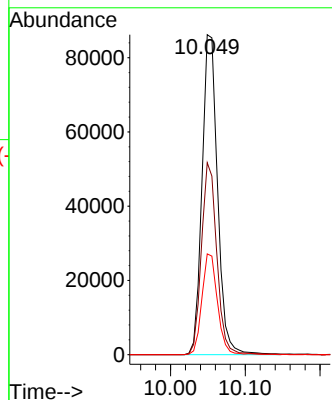
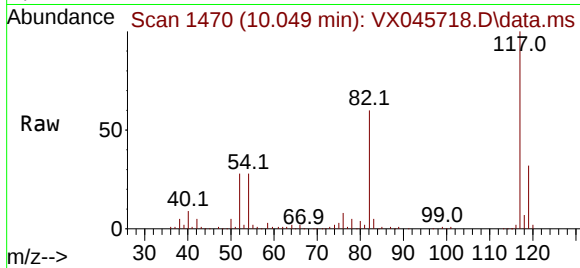




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

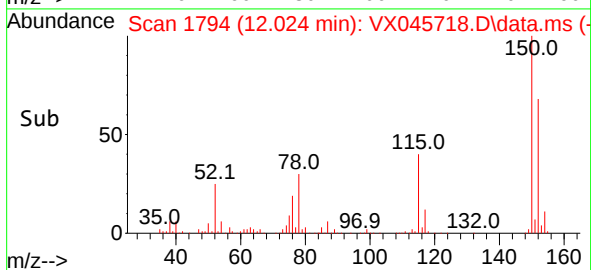
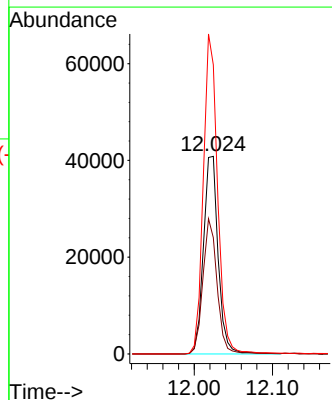
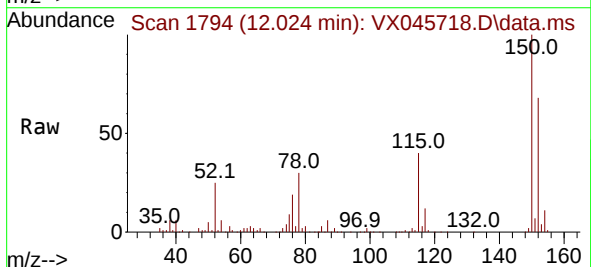
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ClientSampleId :
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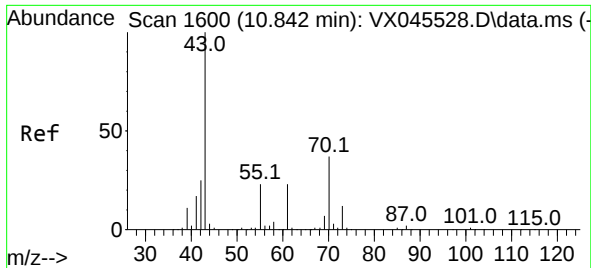
Tgt Ion:117 Resp: 124488
Ion Ratio Lower Upper
117 100
82 60.0 49.2 73.8
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion:152 Resp: 53294
Ion Ratio Lower Upper
152 100
115 65.9 46.9 140.7
150 157.2 0.0 349.4

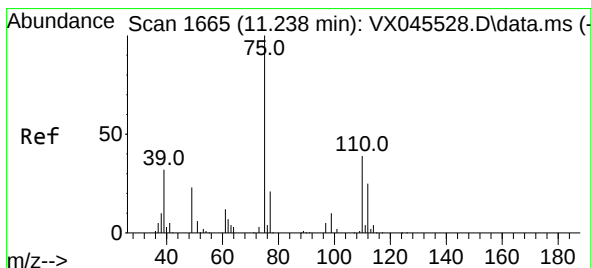
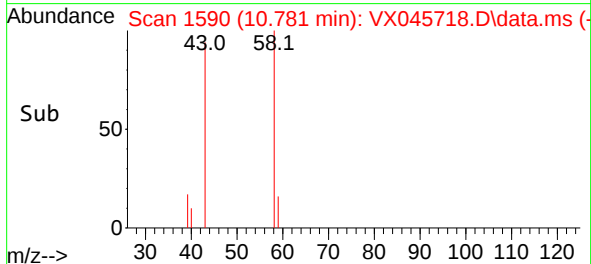
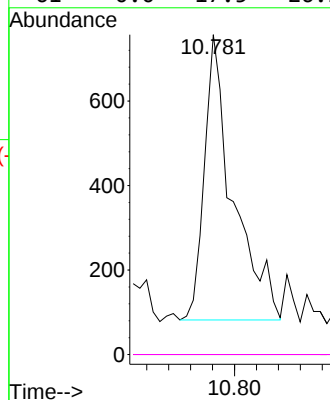
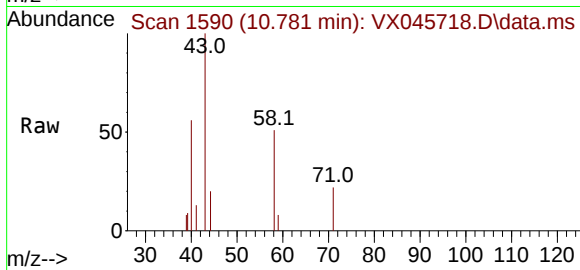




#74
N-amy1 acetate
Concen: 0.598 ug/l
RT: 10.781 min Scan# 1639
Delta R.T. -0.061 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

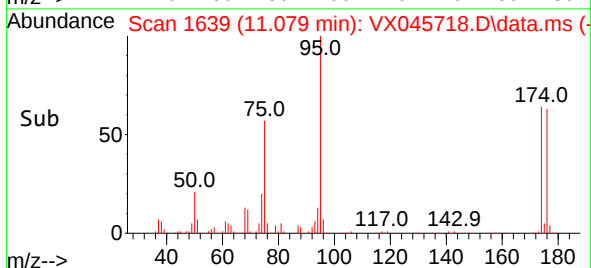
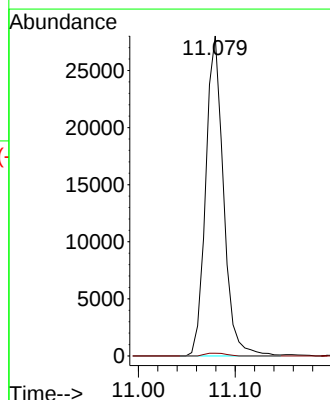
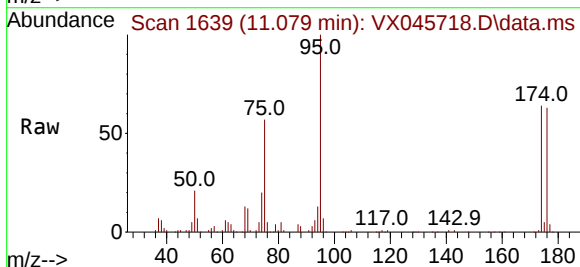
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ClientSampleId :
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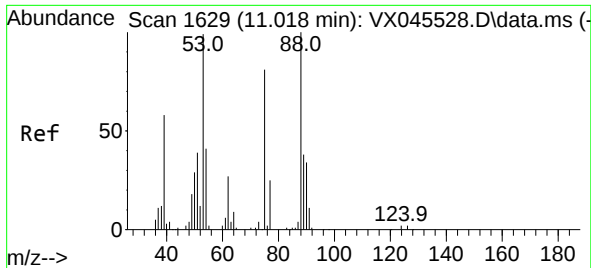
Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
70 0.0 30.1 45.1#
55 0.0 18.3 27.5#
61 0.0 17.5 26.3#



#76
1,2,3-Trichloropropane
Concen: 27.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 75 Resp: 35948
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.851 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045718.D
 Acq: 11 Apr 2025 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534TB

Tgt Ion: 75 Resp: 35948
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

