

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046197.D
 Acq On : 14 May 2025 16:19
 Operator : JC/MD
 Sample : Q2043-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3139

Quant Time: May 15 01:25:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

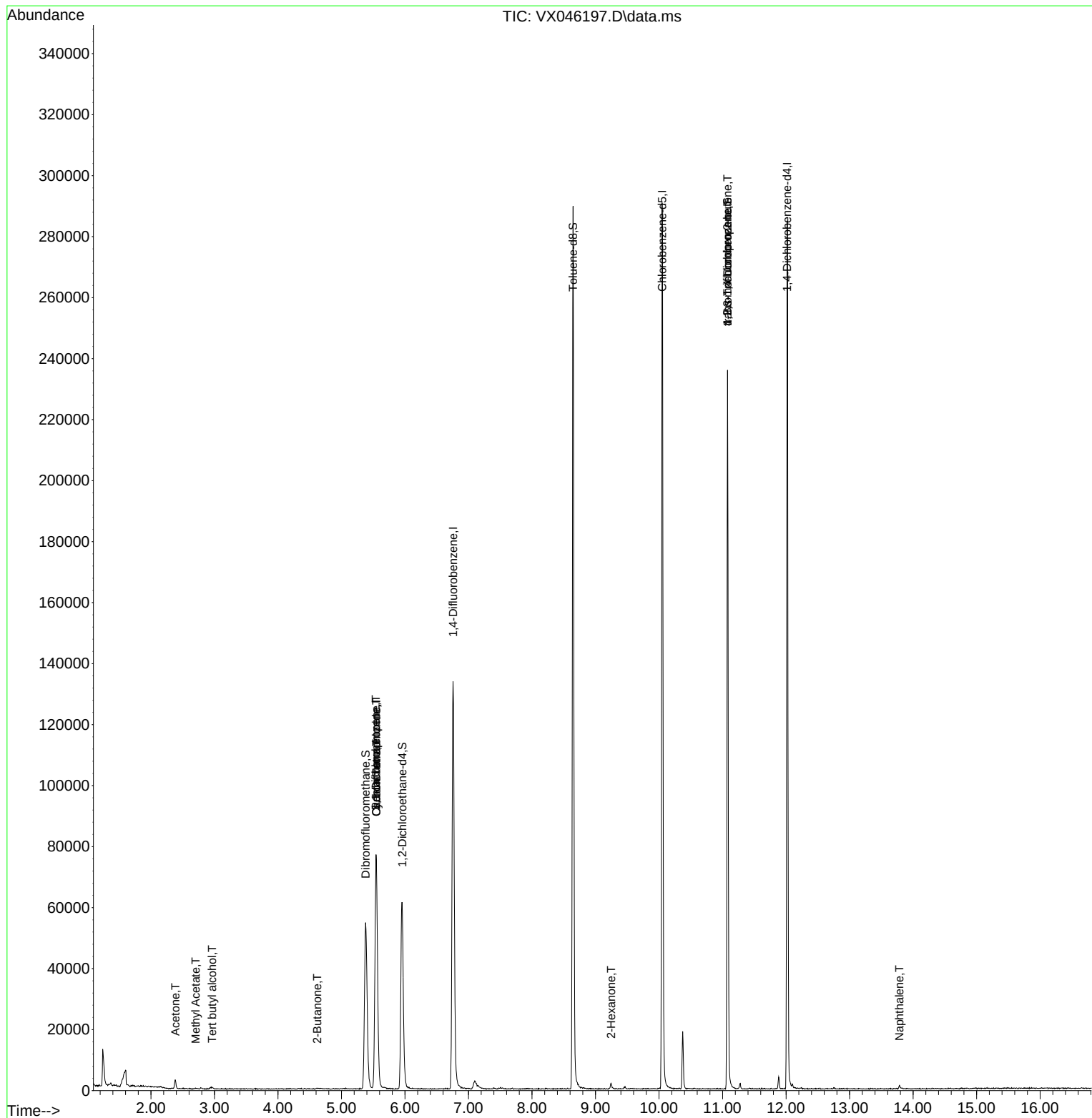
Internal Standards						
1) Pentafluorobenzene	5.544	168	64592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64574	53.624	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.240%	
35) Dibromofluoromethane	5.379	113	46718	49.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.680%	
50) Toluene-d8	8.647	98	163397	50.365	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	11.079	95	63678	51.170	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	656	3.881	ug/l #	72
16) Acetone	2.386	43	3246	6.723	ug/l	93
18) Methyl Acetate	2.703	43	228	0.203	ug/l #	55
25) 2-Butanone	4.617	43	317	0.452	ug/l #	53
31) Cyclohexane	5.550	56	1881	1.311	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	6569	5.216	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7696	5.439	ug/l #	16
59) 2-Hexanone	9.244	43	1473	1.264	ug/l	68
76) 1,2,3-Trichloropropane	11.079	75	35821	28.174	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35821	91.727	ug/l #	1
95) Naphthalene	13.786	128	1521	0.413	ug/l #	83

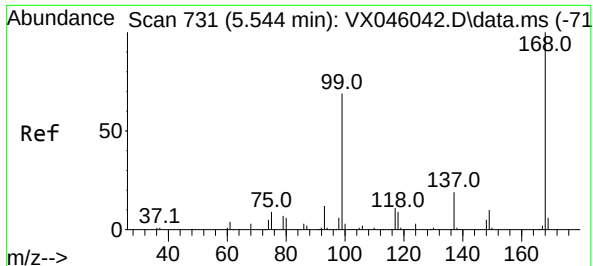
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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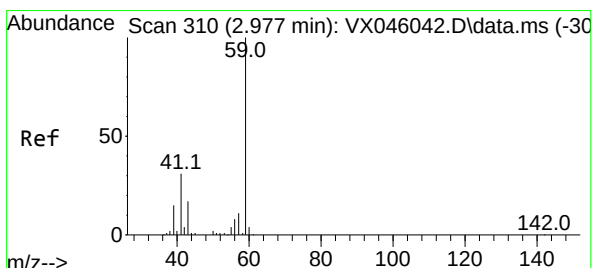
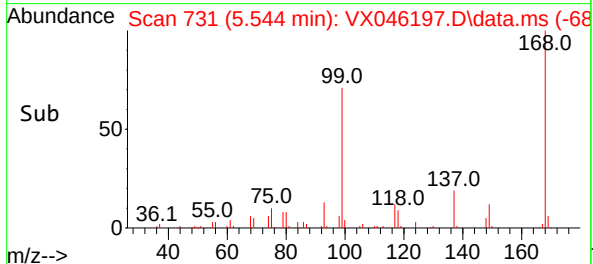
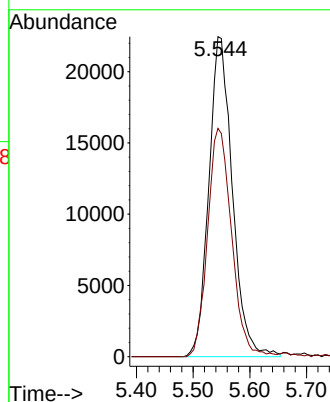
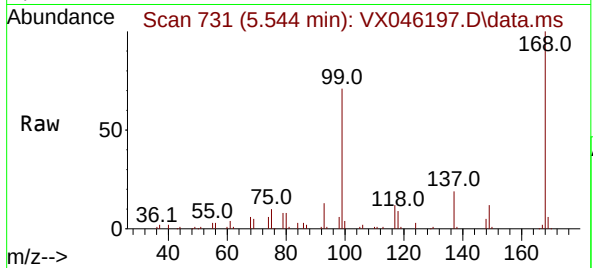




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

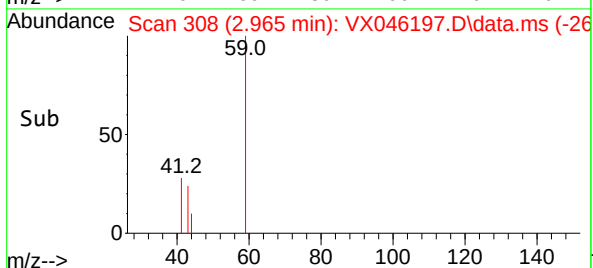
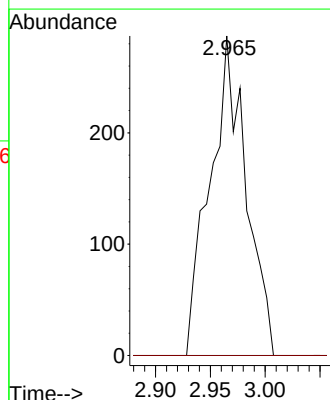
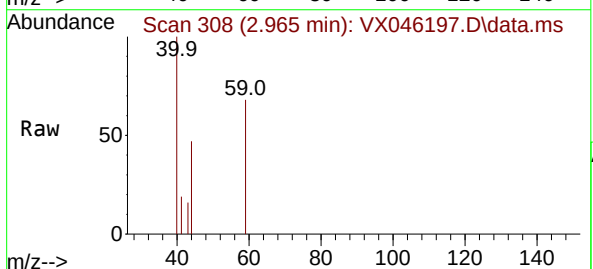
Instrument :
MSVOA_X
ClientSampleId :
3139

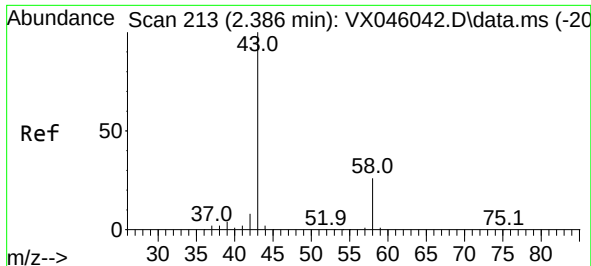
Tgt Ion:168 Resp: 64592
Ion Ratio Lower Upper
168 100
99 71.3 54.9 82.3



#11
Tert butyl alcohol
Concen: 3.881 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

Tgt Ion: 59 Resp: 656
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

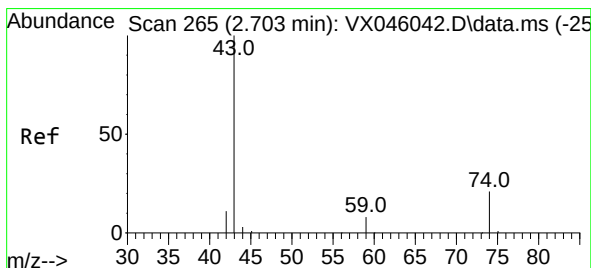
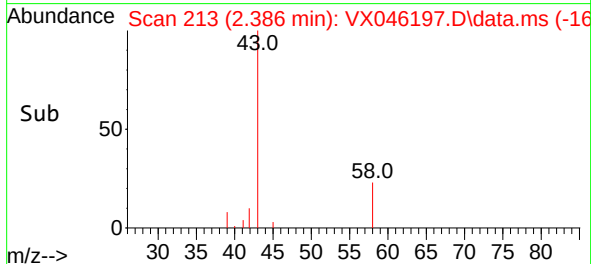
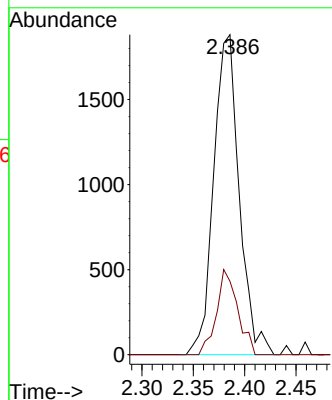
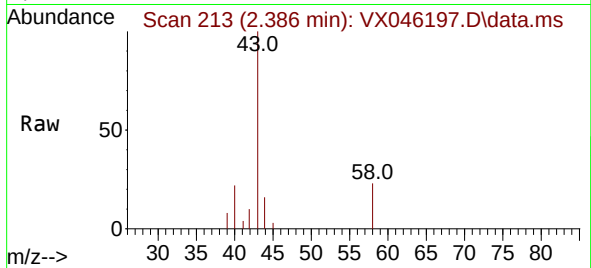




#16
Acetone
Concen: 6.723 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

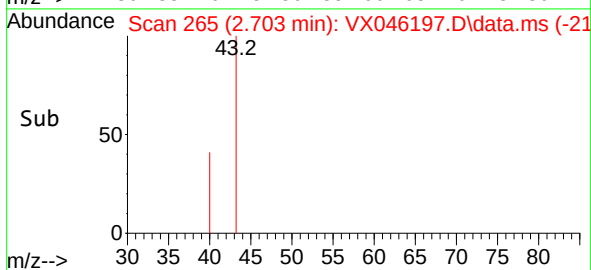
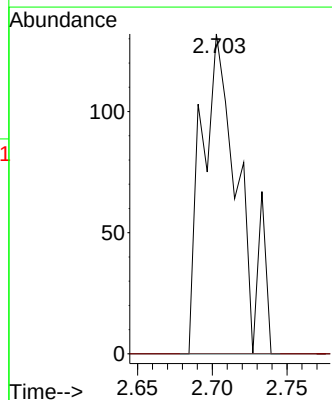
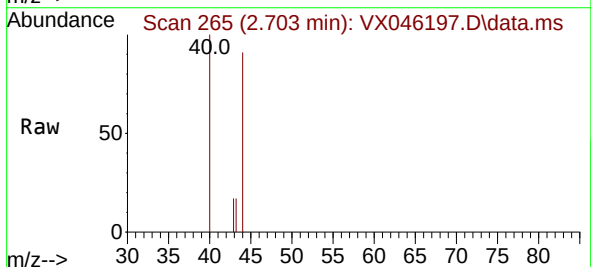
Instrument :
MSVOA_X
ClientSampleId :
3139

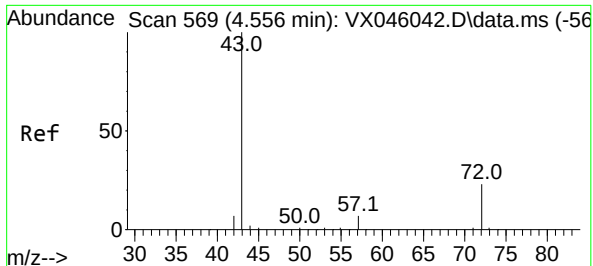
Tgt Ion: 43 Resp: 3246
Ion Ratio Lower Upper
43 100
58 23.0 21.2 31.8



#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#





#25

2-Butanone

Concen: 0.452 ug/l

RT: 4.617 min Scan# 51

Delta R.T. 0.061 min

Lab File: VX046197.D

Acq: 14 May 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

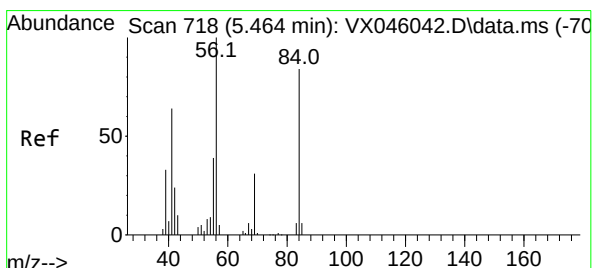
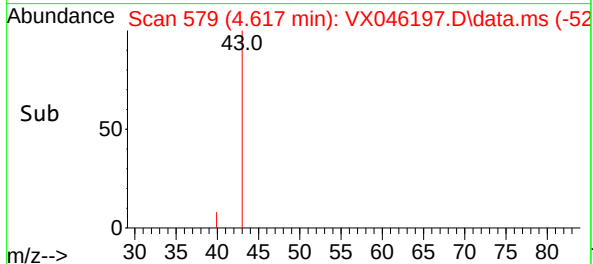
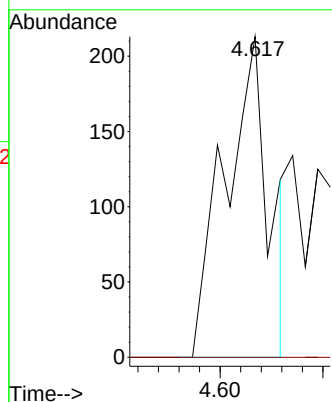
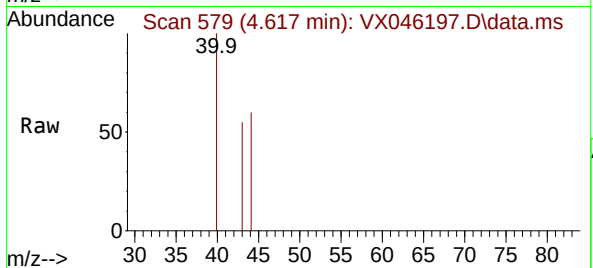
3139

Tgt Ion: 43 Resp: 317

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#



#31

Cyclohexane

Concen: 1.311 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX046197.D

Acq: 14 May 2025 16:19

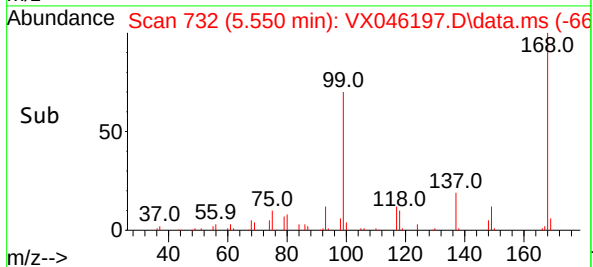
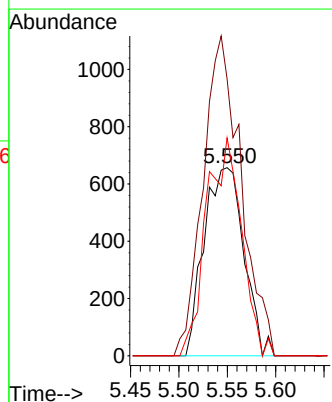
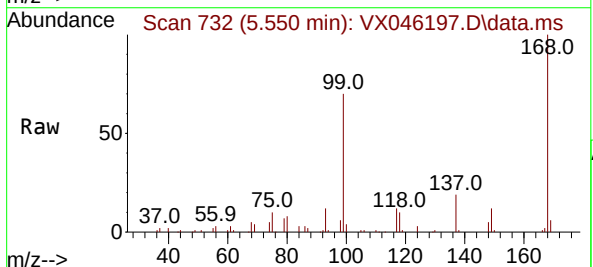
Tgt Ion: 56 Resp: 1881

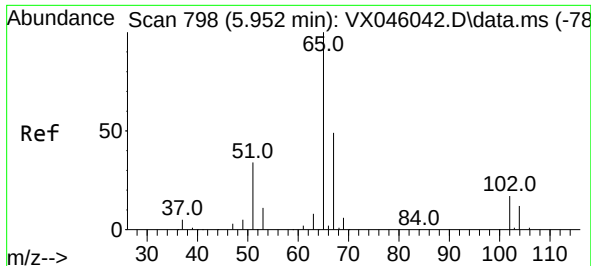
Ion Ratio Lower Upper

56 100

69 147.2 24.4 36.6#

84 115.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.624 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX046197.D

Acq: 14 May 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

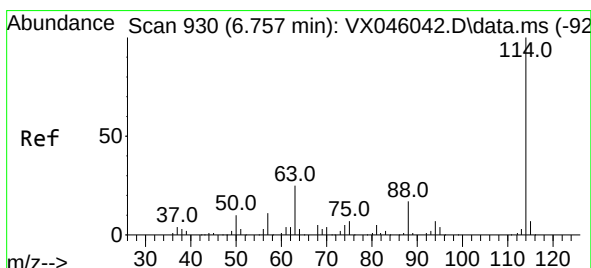
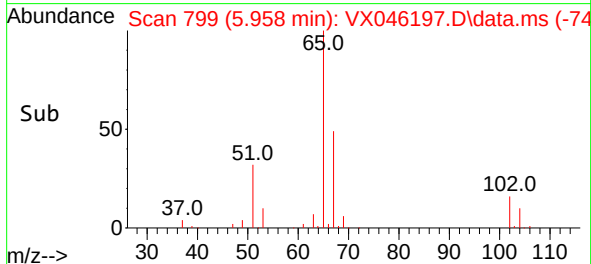
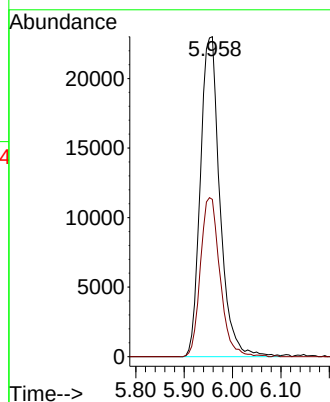
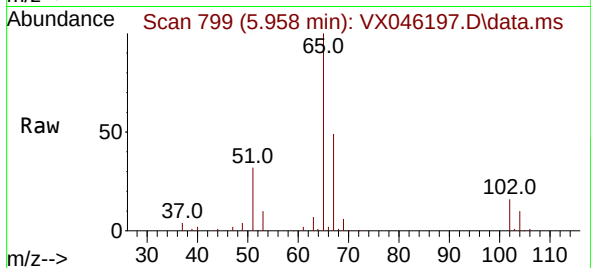
3139

Tgt Ion: 65 Resp: 64574

Ion Ratio Lower Upper

65 100

67 49.8 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: VX046197.D

Acq: 14 May 2025 16:19

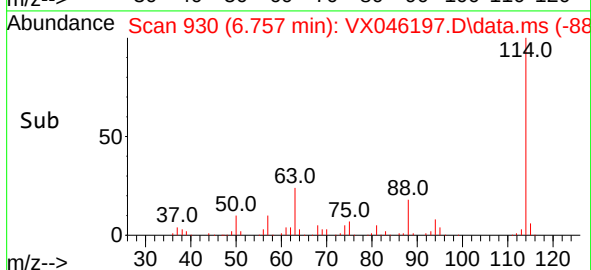
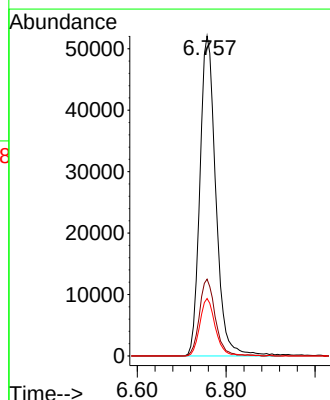
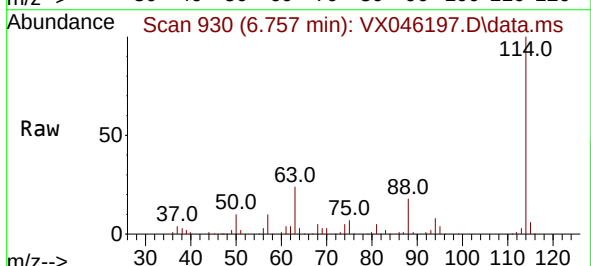
Tgt Ion: 114 Resp: 130166

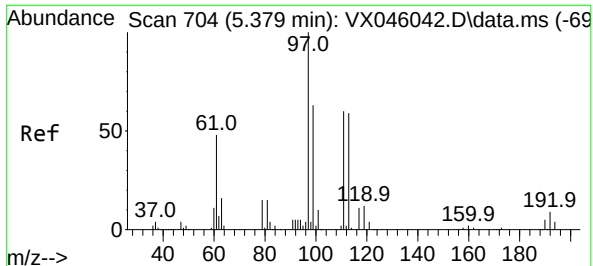
Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

88 18.0 0.0 33.6

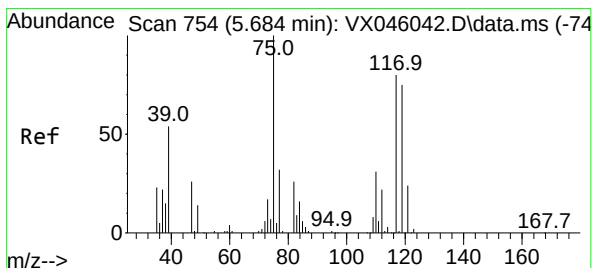
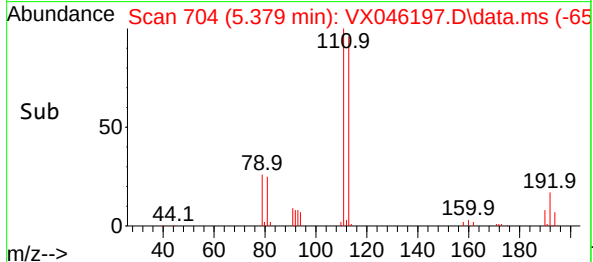
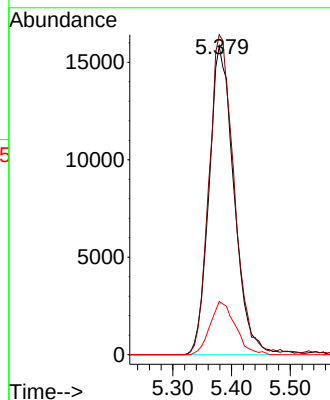
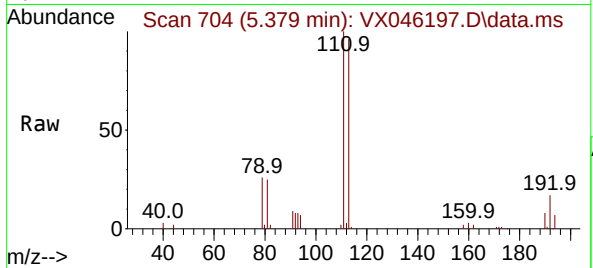




#35
Dibromofluoromethane
Concen: 49.841 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

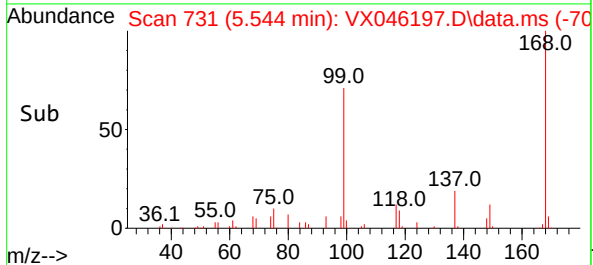
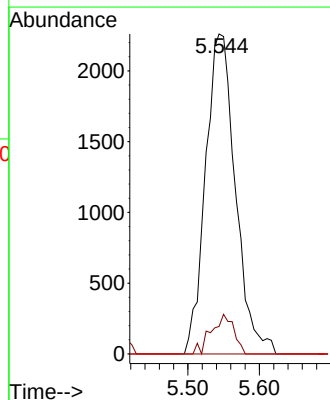
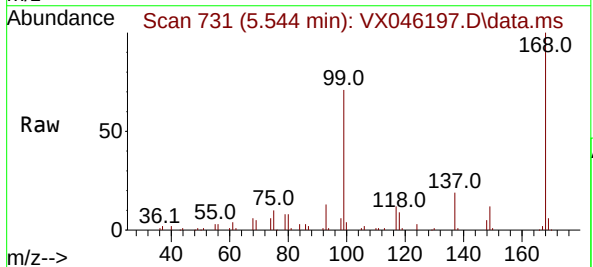
Instrument :
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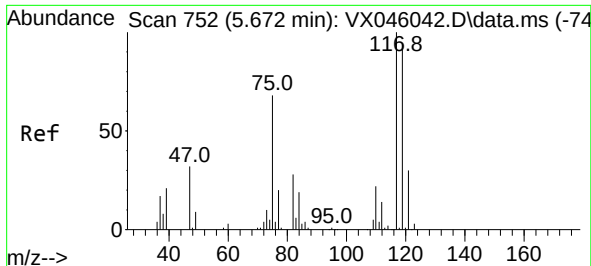
Tgt Ion:113 Resp: 46718
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 17.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.216 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

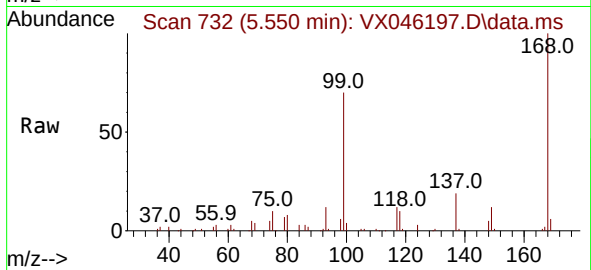
Tgt Ion: 75 Resp: 6569
Ion Ratio Lower Upper
75 100
110 9.3 16.3 48.9#
77 0.0 24.3 36.5#



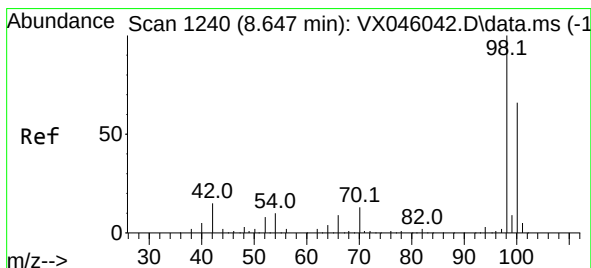
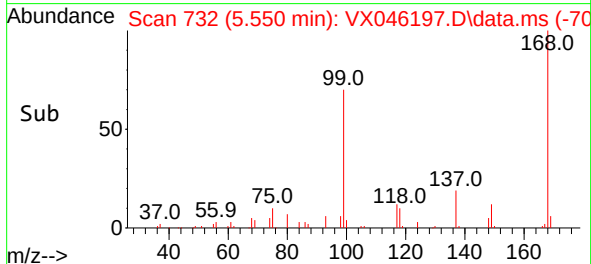
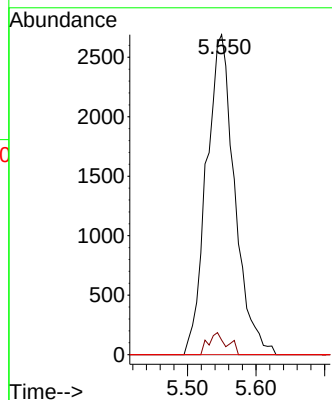


#38
Carbon Tetrachloride
Concen: 5.439 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

Instrument :
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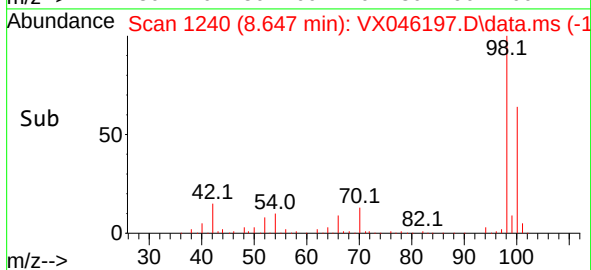
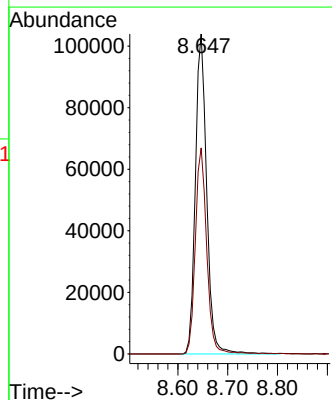
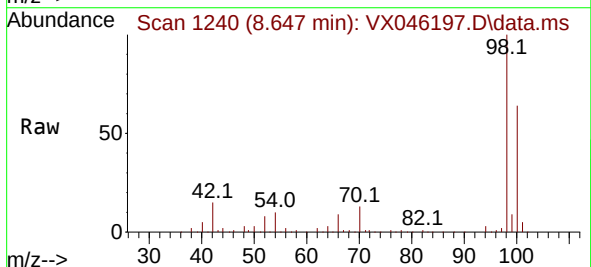


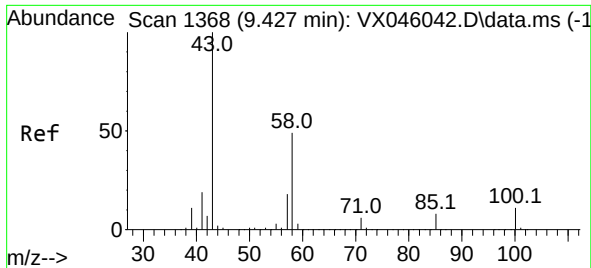
Tgt Ion:117 Resp: 7696
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.365 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

Tgt Ion: 98 Resp: 163397
Ion Ratio Lower Upper
98 100
100 64.9 53.5 80.3

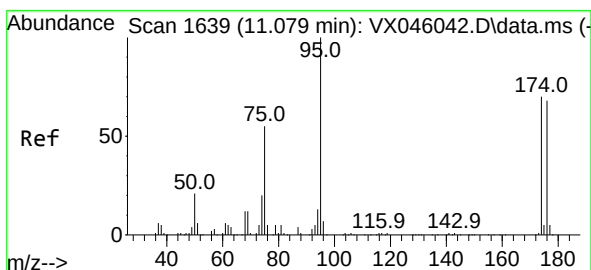
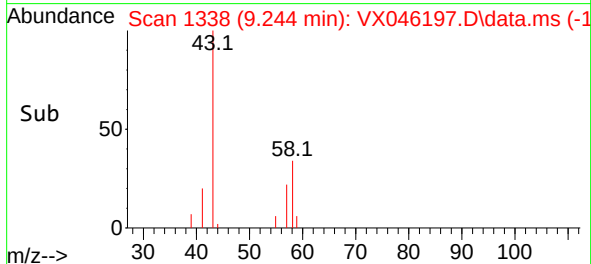
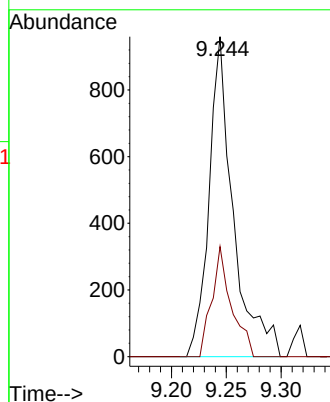
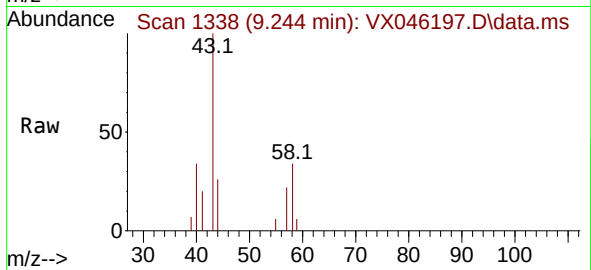




#59
2-Hexanone
Concen: 1.264 ug/l
RT: 9.244 min Scan# 11
Delta R.T. -0.183 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

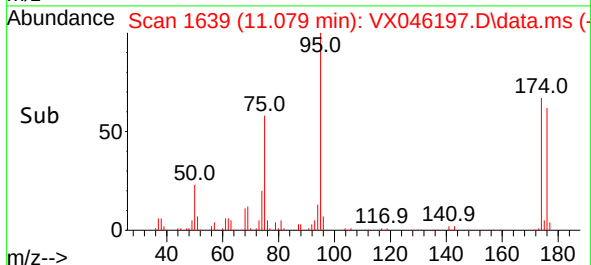
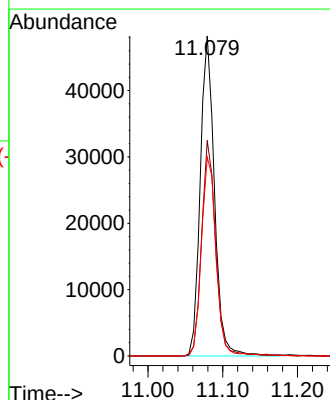
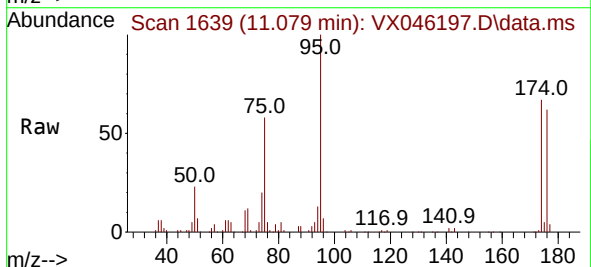
Instrument :
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ClientSampleId :
3139

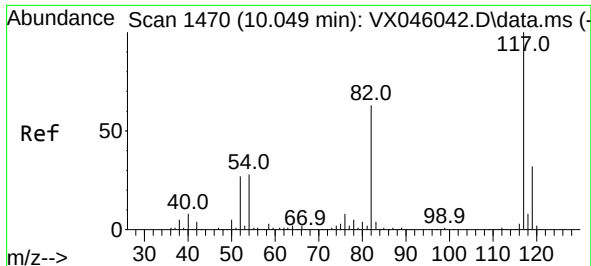
Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 27.8 24.9 74.6



#62
4-Bromofluorobenzene
Concen: 51.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

Tgt Ion: 95 Resp: 63678
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 64.1 0.0 131.4

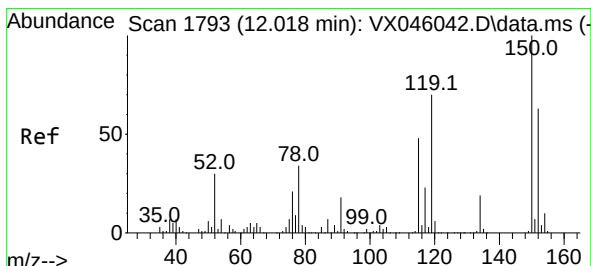
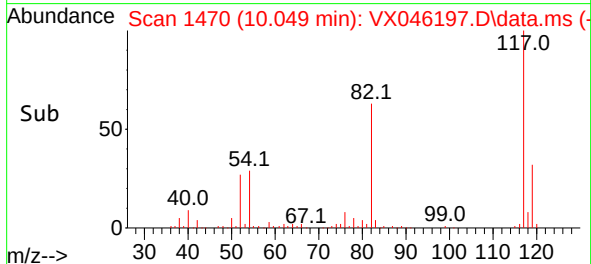
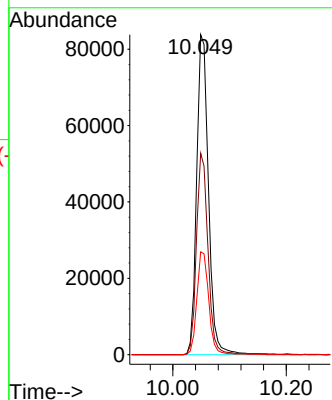
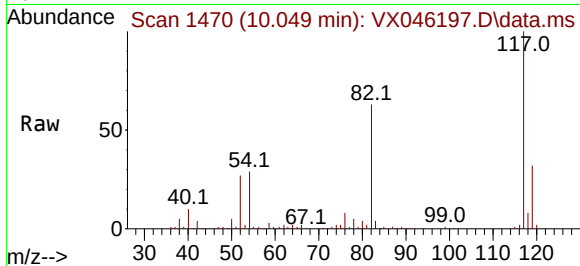




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

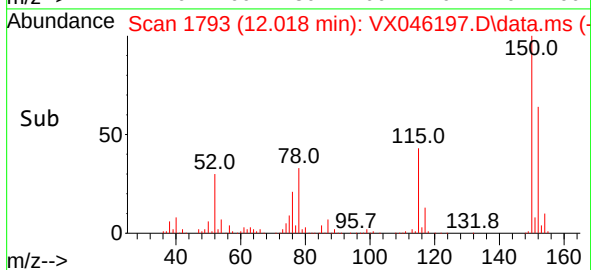
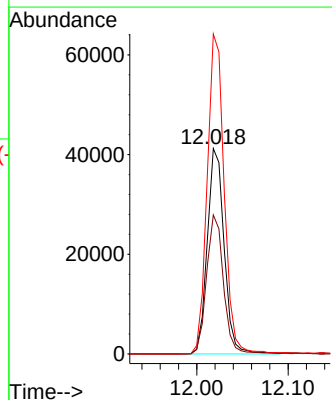
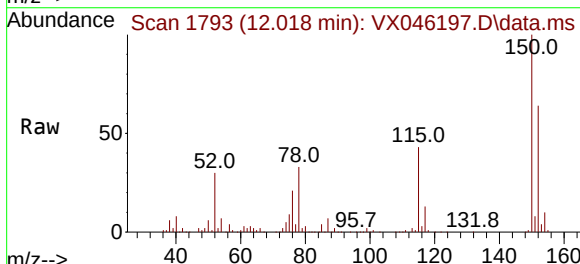
Instrument :
MSVOA_X
ClientSampleId :
3139

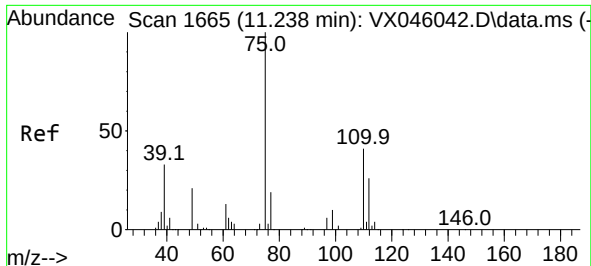
Tgt Ion:117 Resp: 121347
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

Tgt Ion:152 Resp: 52820
Ion Ratio Lower Upper
152 100
115 67.7 46.9 140.7
150 157.2 0.0 351.0

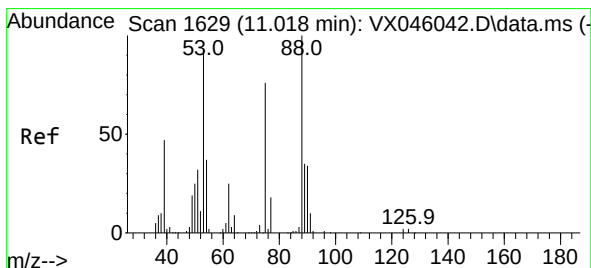
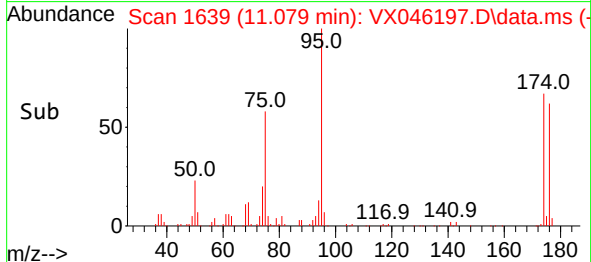
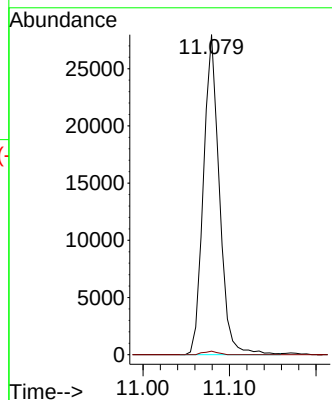
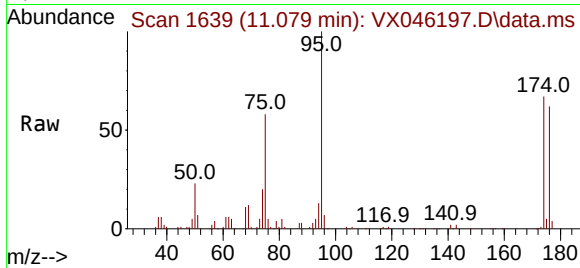




#76
1,2,3-Trichloropropane
Concen: 28.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

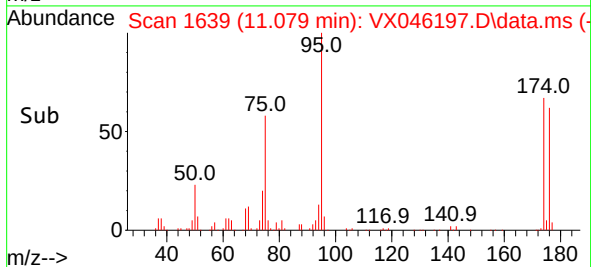
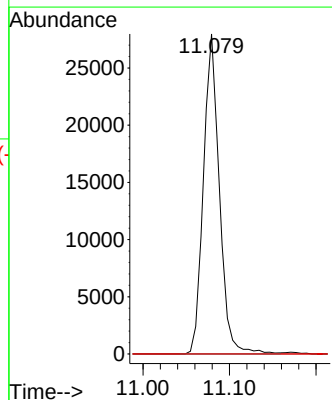
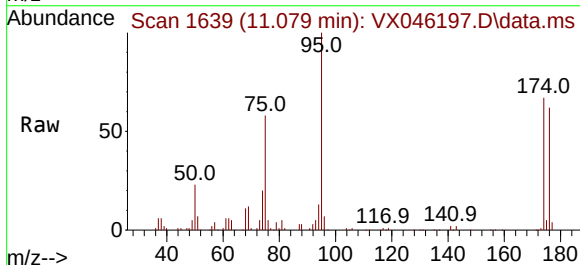
Instrument :
MSVOA_X
ClientSampleId :
3139

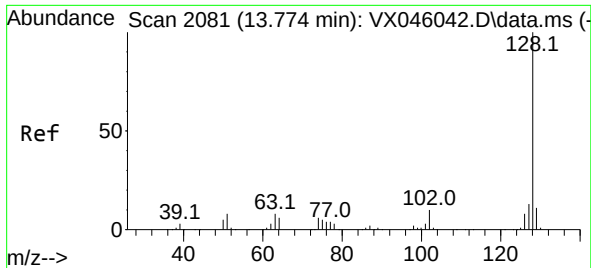
Tgt Ion: 75 Resp: 35821
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046197.D
Acq: 14 May 2025 16:19

Tgt Ion: 75 Resp: 35821
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 0.413 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX046197.D

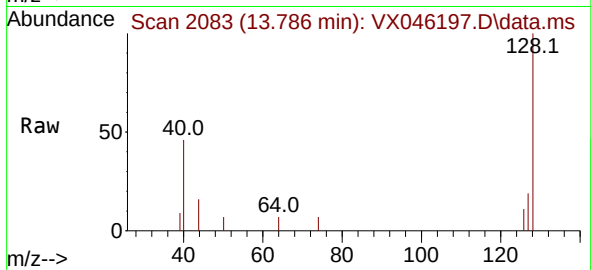
Acq: 14 May 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

3139



Tgt Ion:128 Resp: 1521

Ion Ratio Lower Upper

128 100

127 8.7 10.4 15.6#

129 1.3 8.6 13.0#

