

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045740.D
 Acq On : 11 Apr 2025 14:41
 Operator : JC/MD
 Sample : Q1782-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Apr 11 23:05:20 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	5.550	168	62495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48954	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63128	55.236	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.480%
35) Dibromofluoromethane	5.379	113	44883	51.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.220%
50) Toluene-d8	8.647	98	154342	50.843	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.680%
62) 4-Bromofluorobenzene	11.079	95	57776	52.251	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.500%

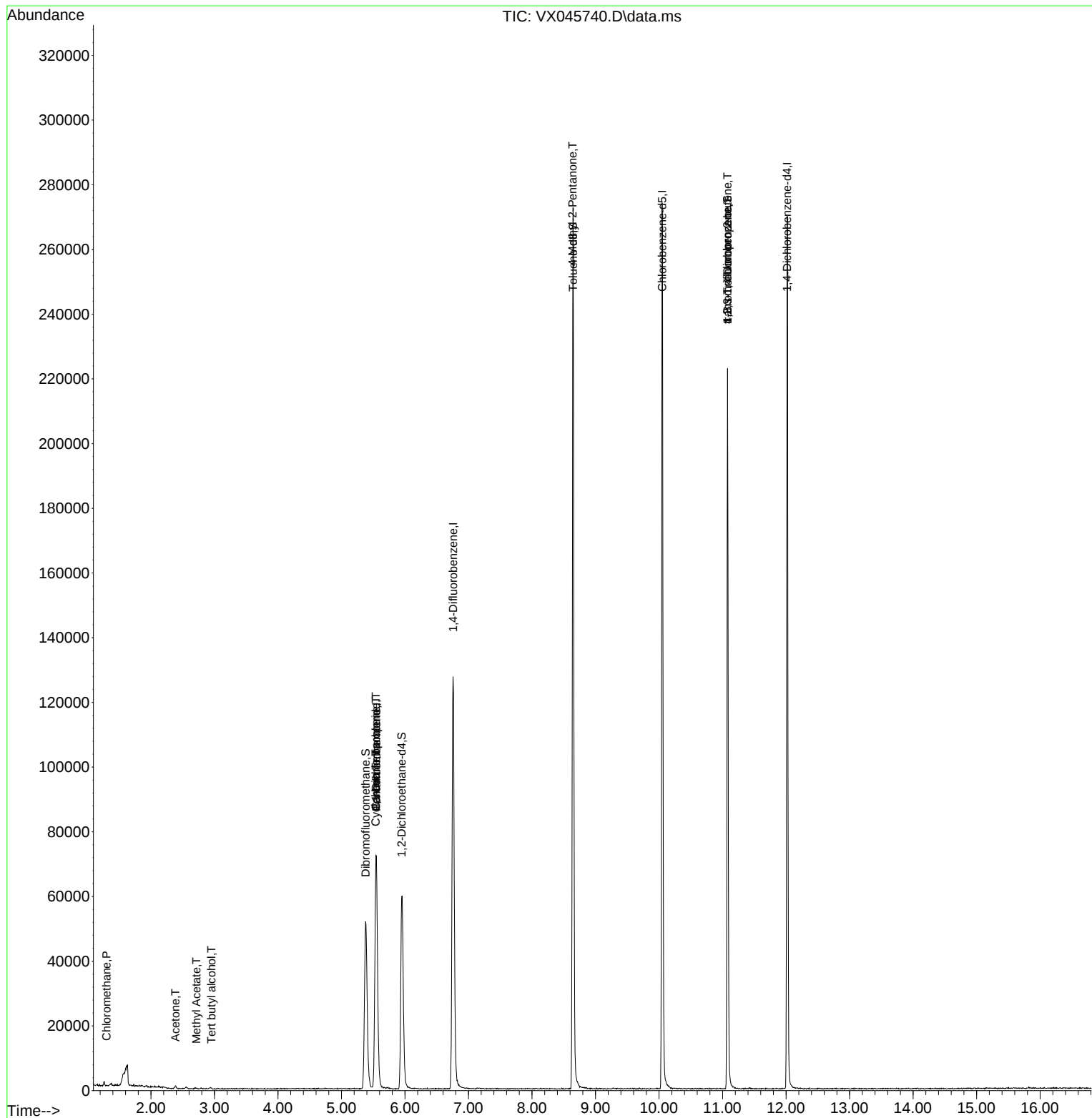
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	383	0.399	ug/l #	79
11) Tert butyl alcohol	2.953	59	52	0.339	ug/l #	72
16) Acetone	2.386	43	935	1.992	ug/l #	73
18) Methyl Acetate	2.715	43	427	0.395	ug/l #	54
31) Cyclohexane	5.538	56	1848	1.318	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	6353	5.410	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7527	5.931	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	914	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33288	27.877	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33288	94.611	ug/l #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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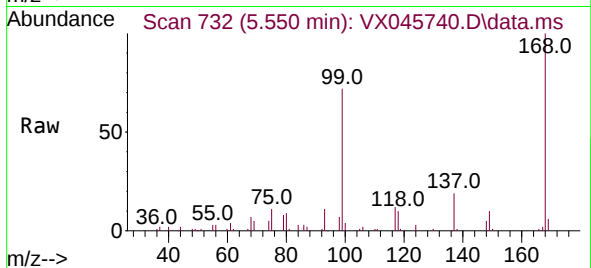
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



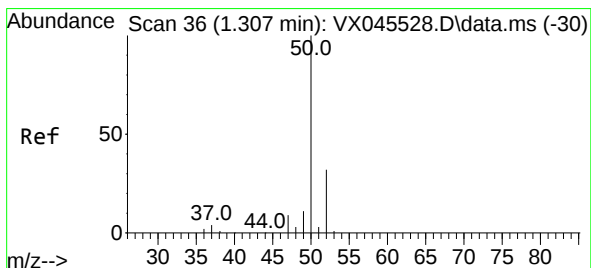
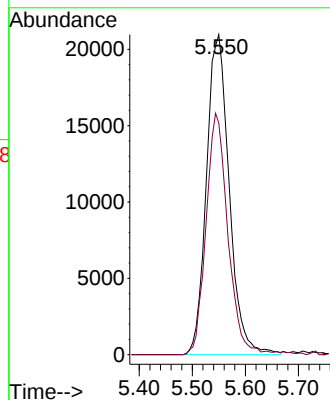
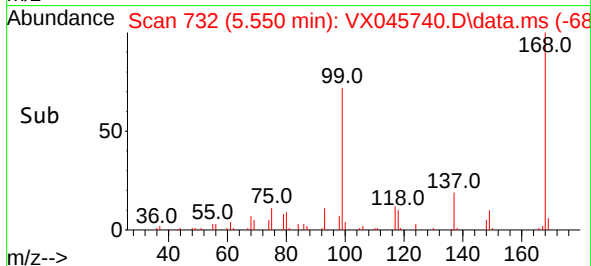


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
TRIP BLANK

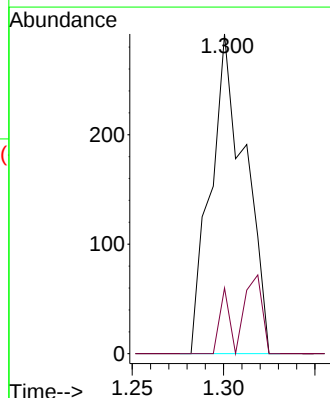
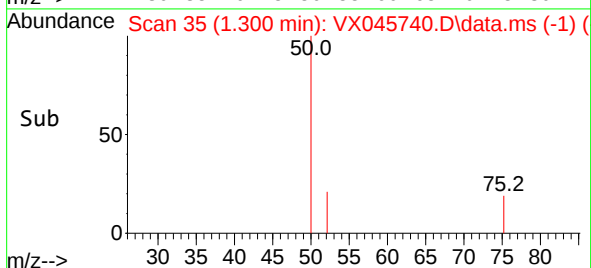
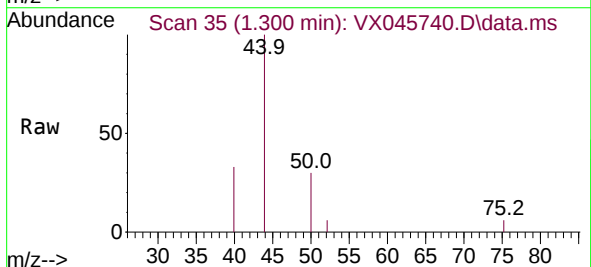


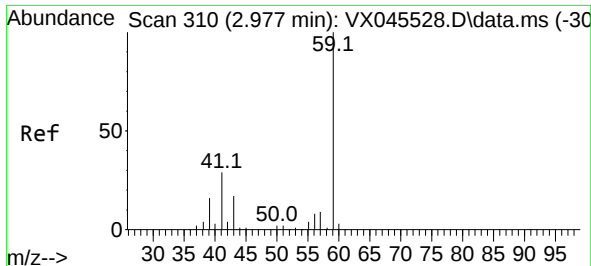
Tgt Ion:168 Resp: 62495
Ion Ratio Lower Upper
168 100
99 72.4 52.3 78.5



#3
Chloromethane
Concen: 0.399 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion: 50 Resp: 383
Ion Ratio Lower Upper
50 100
52 20.5 25.9 38.9#

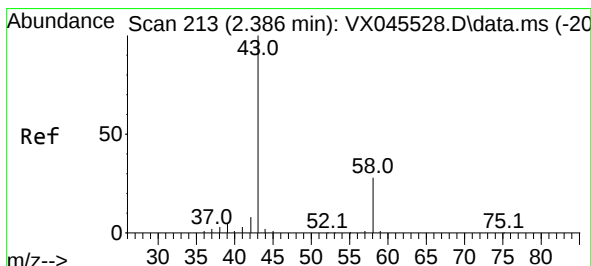
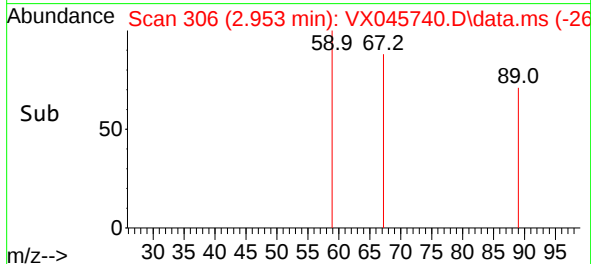
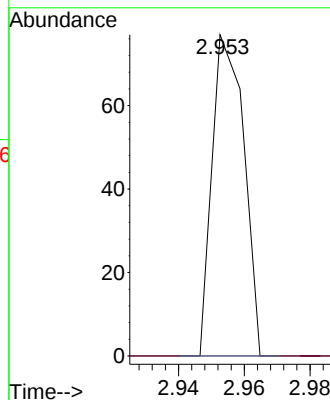
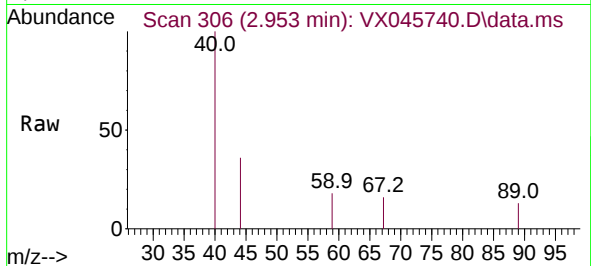




#11
Tert butyl alcohol
Concen: 0.339 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

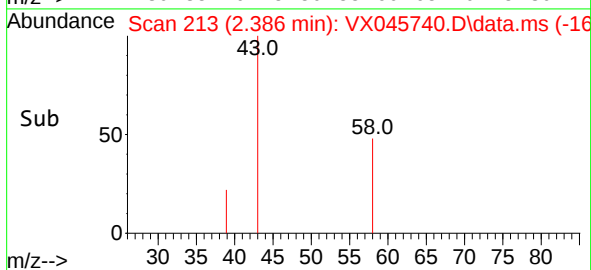
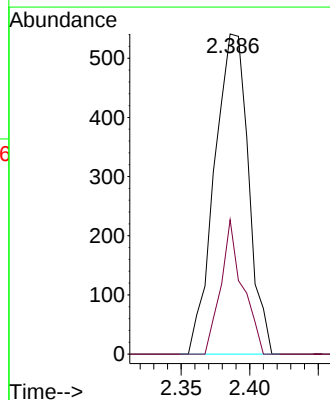
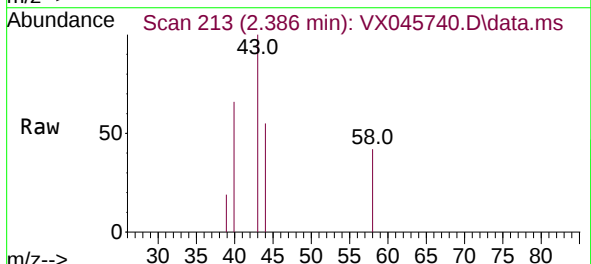
Instrument :
MSVOA_X
ClientSampleId :
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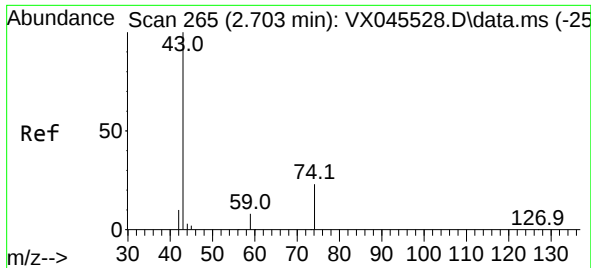
Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 1.992 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 42.0 22.3 33.5#

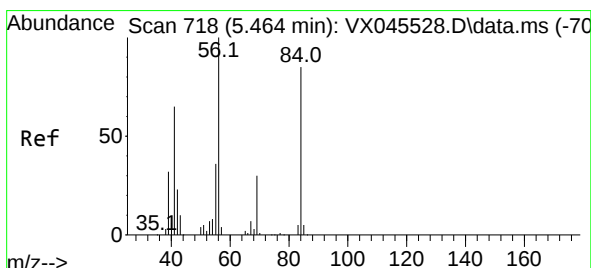
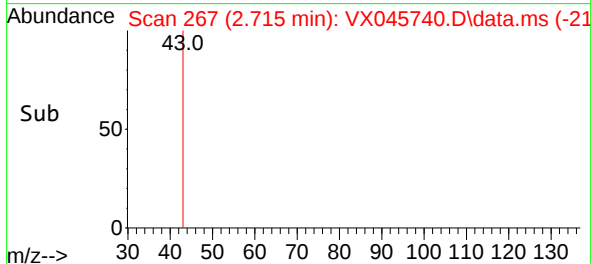
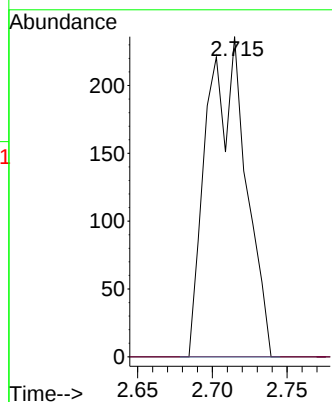
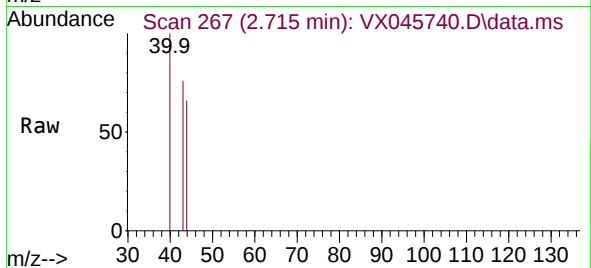




#18
Methyl Acetate
Concen: 0.395 ug/l
RT: 2.715 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

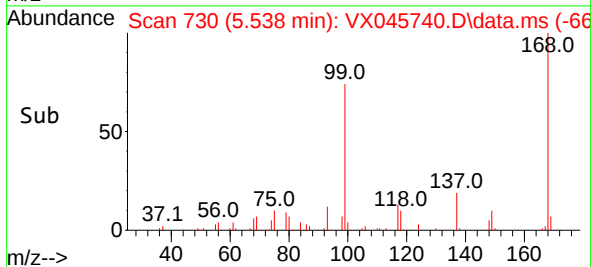
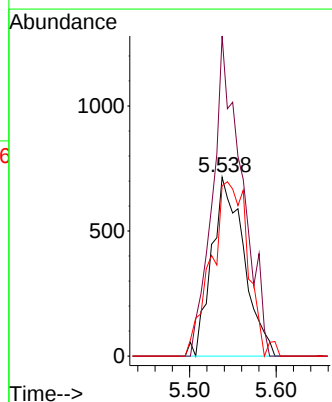
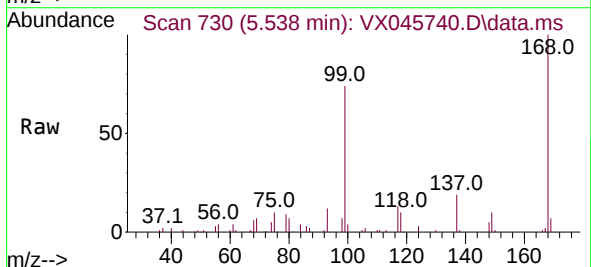
Instrument :
MSVOA_X
ClientSampleId :
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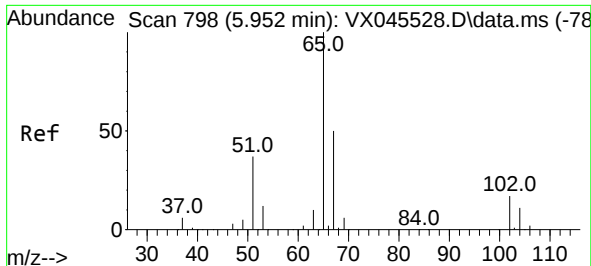
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 1.318 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion: 56 Resp: 1848
Ion Ratio Lower Upper
56 100
69 179.0 23.6 35.4#
84 95.2 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 55.236 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045740.D

Acq: 11 Apr 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

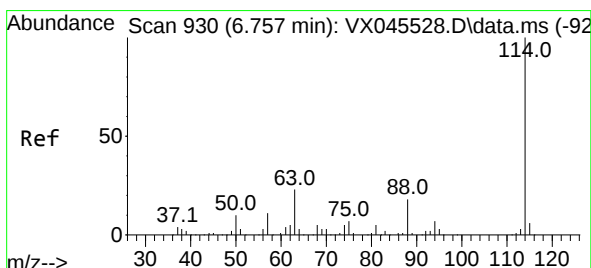
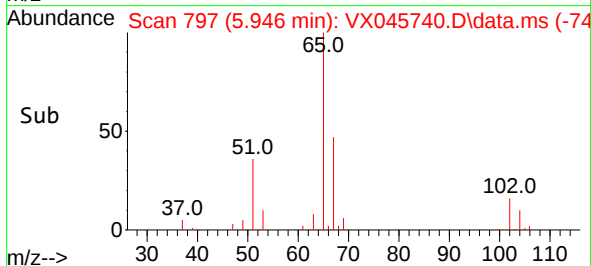
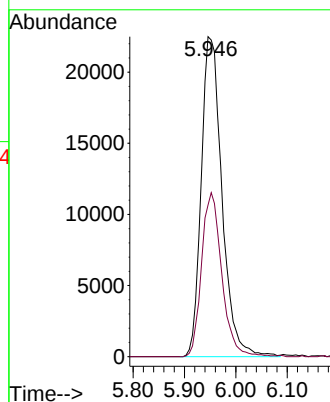
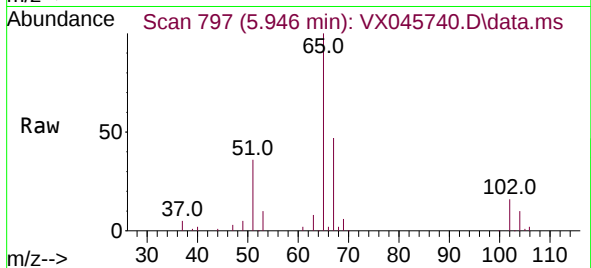
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Tgt Ion: 65 Resp: 63128

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: VX045740.D

Acq: 11 Apr 2025 14:41

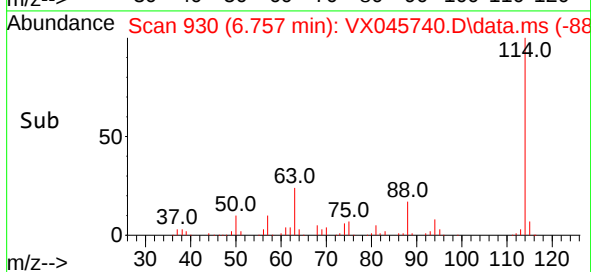
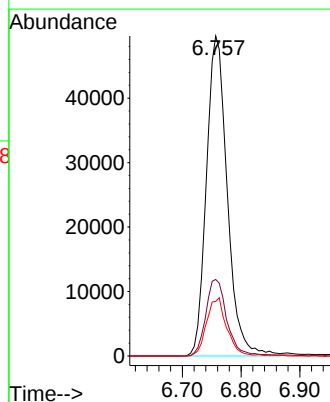
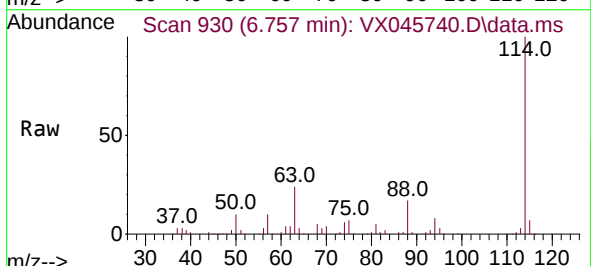
Tgt Ion: 114 Resp: 122581

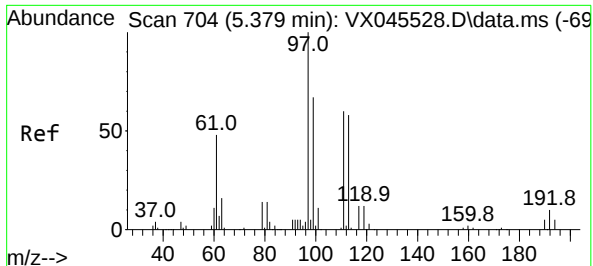
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 17.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.607 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045740.D

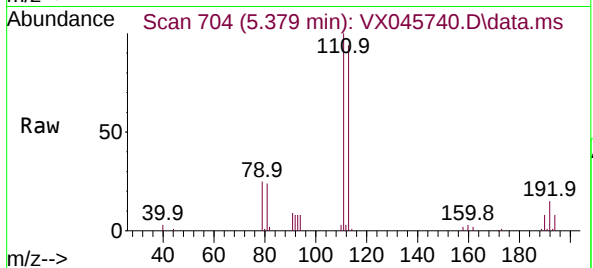
Acq: 11 Apr 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

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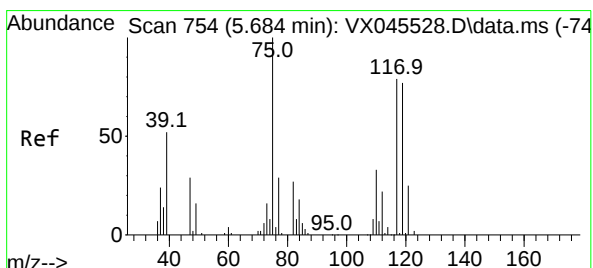
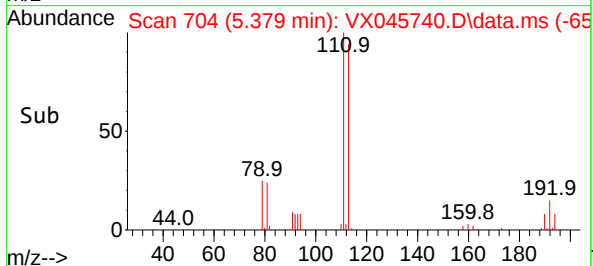
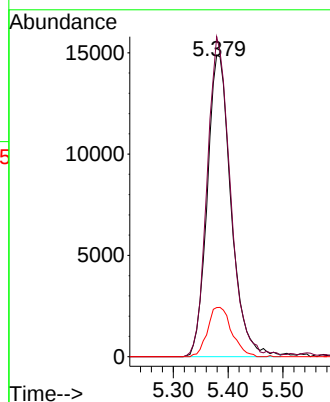
Tgt Ion:113 Resp: 44883

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

192 16.5 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.410 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX045740.D

Acq: 11 Apr 2025 14:41

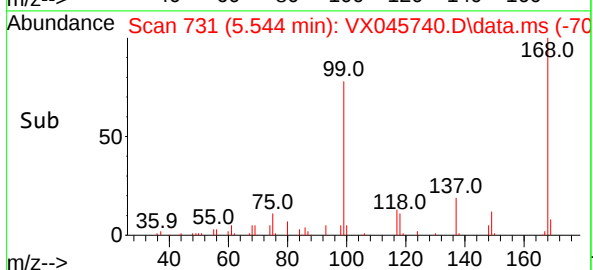
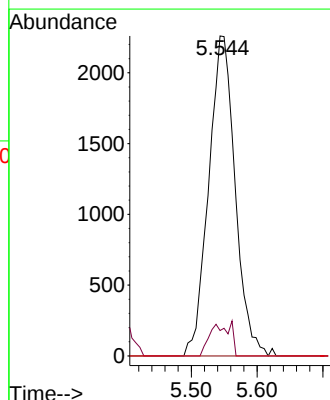
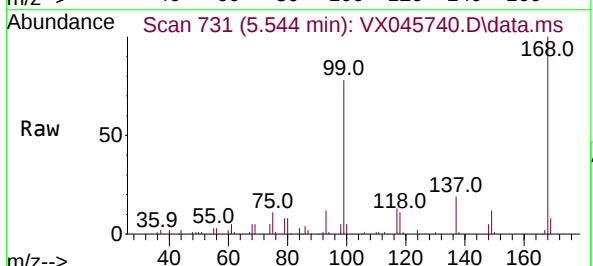
Tgt Ion: 75 Resp: 6353

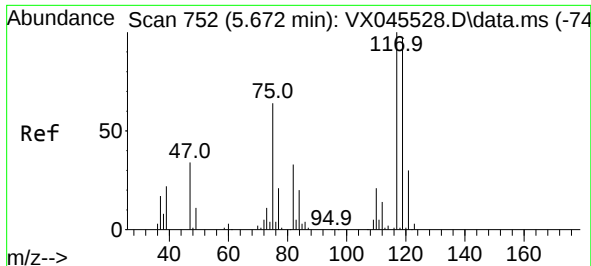
Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.6#

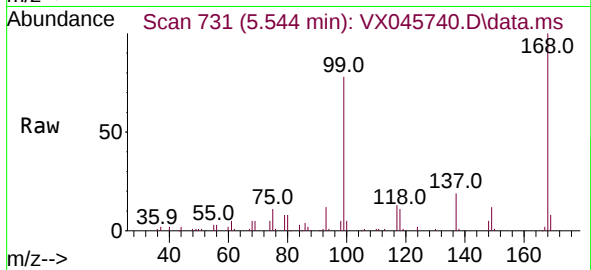
77 0.0 25.0 37.4#



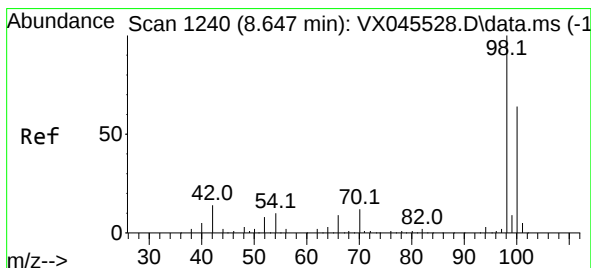
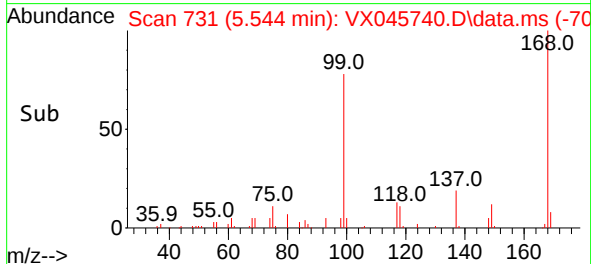
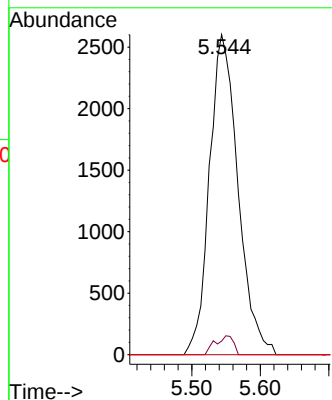


#38
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
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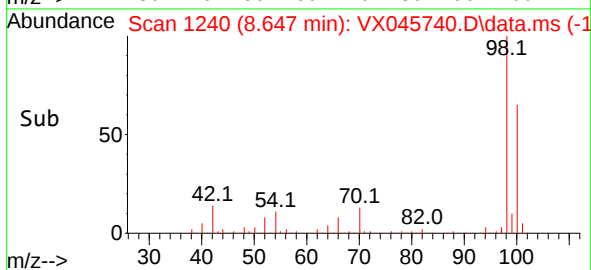
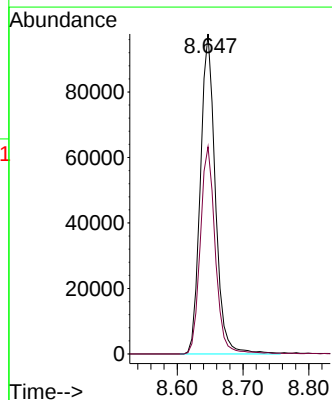
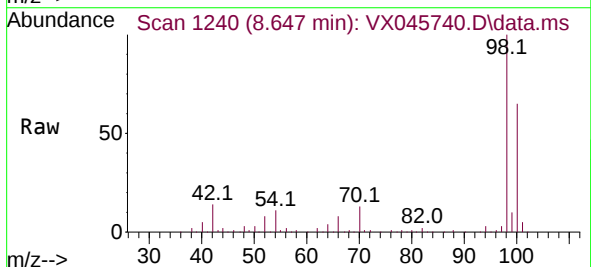


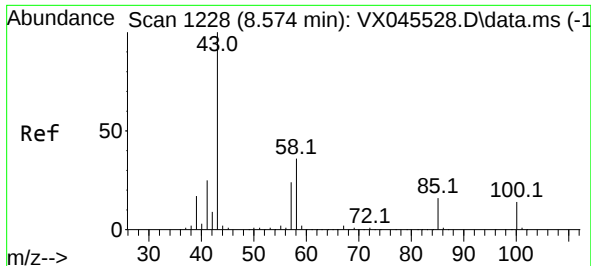
Tgt Ion:117 Resp: 7527
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.843 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion: 98 Resp: 154342
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

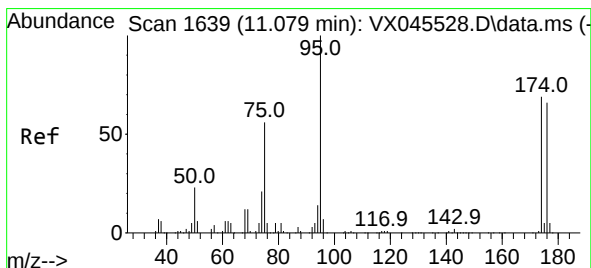
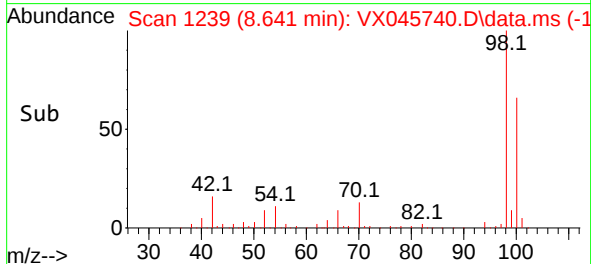
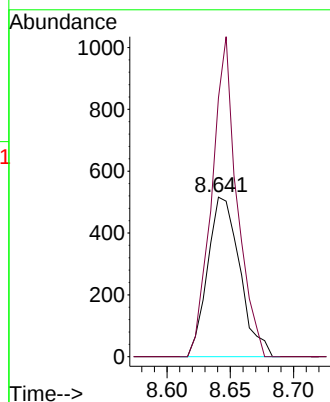
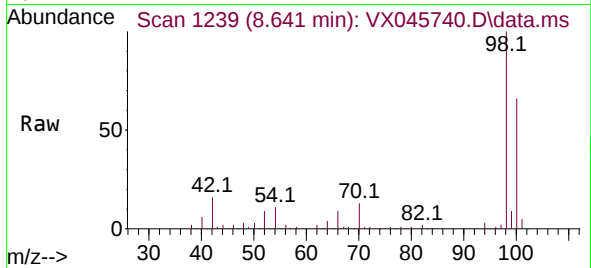




#51
4-Methyl-2-Pentanone
Concen: 0.615 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

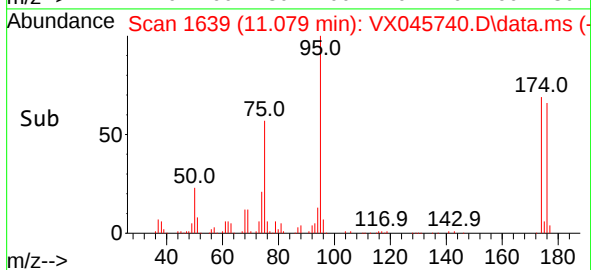
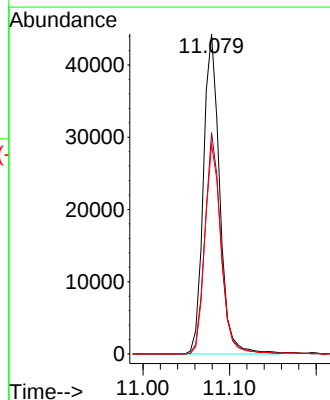
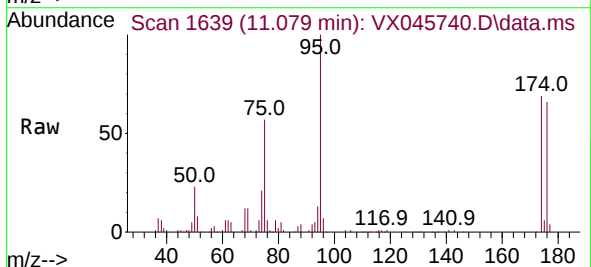
Instrument :
MSVOA_X
ClientSampleId :
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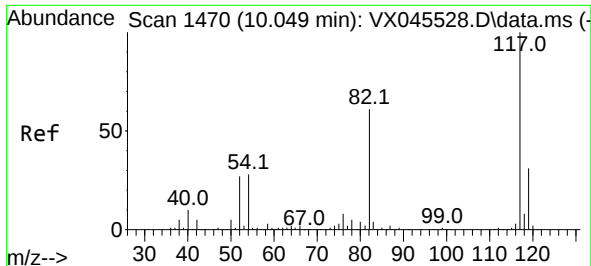
Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 156.7 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 52.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion: 95 Resp: 57776
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 65.9 0.0 131.4

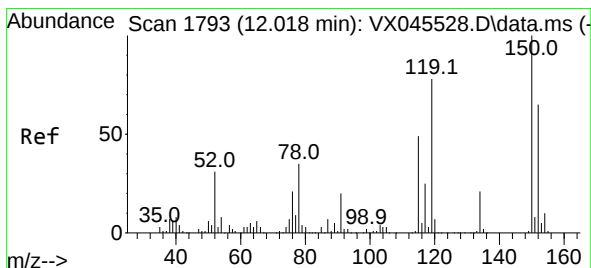
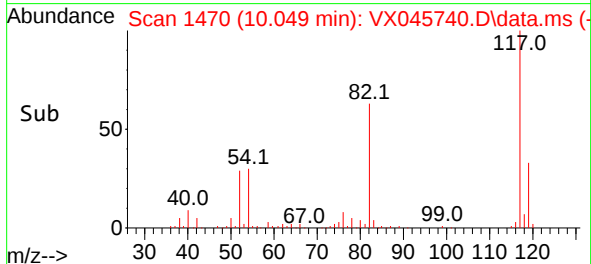
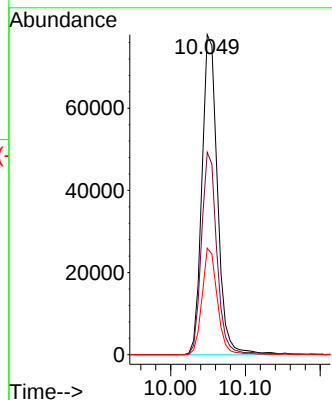
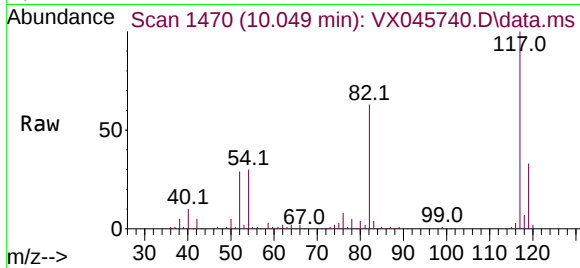




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

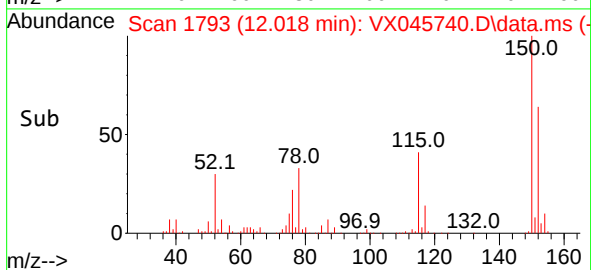
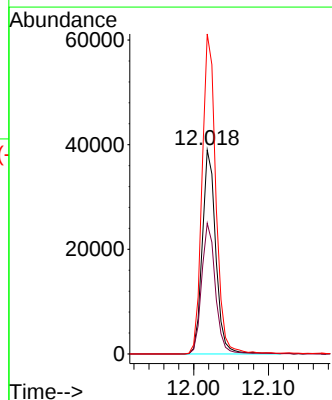
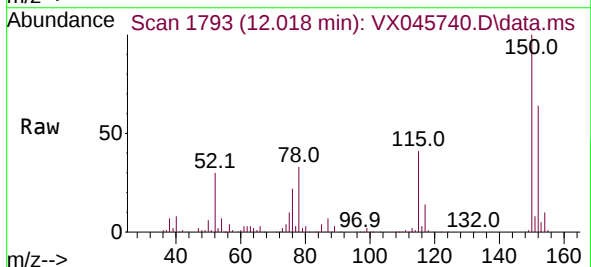
Instrument :
MSVOA_X
ClientSampleId :
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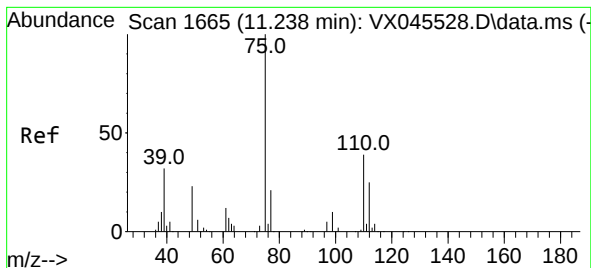
Tgt Ion:117 Resp: 112879
Ion Ratio Lower Upper
117 100
82 63.3 49.2 73.8
119 33.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion:152 Resp: 48954
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 159.9 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 27.877 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045740.D

Acq: 11 Apr 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

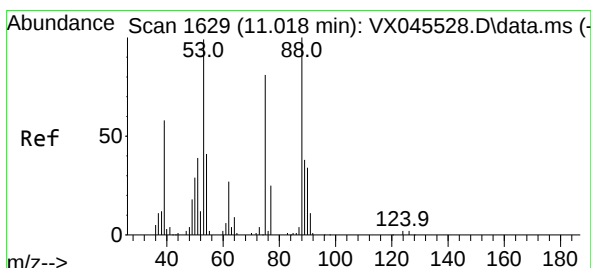
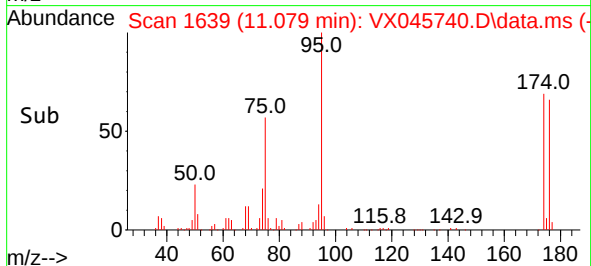
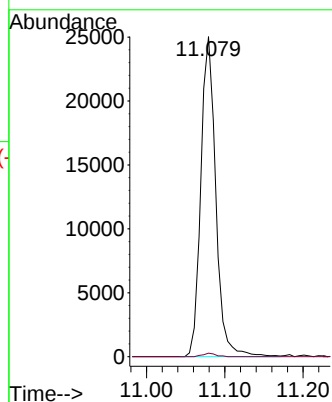
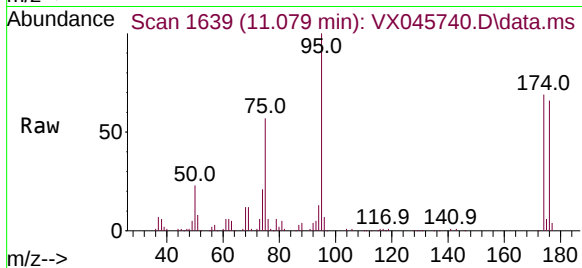
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Tgt Ion: 75 Resp: 33288

Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.611 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045740.D

Acq: 11 Apr 2025 14:41

Tgt Ion: 75 Resp: 33288

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.1 37.2 55.8#

