

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045583.D
 Acq On : 03 Apr 2025 19:52
 Operator : JC/MD
 Sample : Q1676-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Apr 04 01:30:10 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)

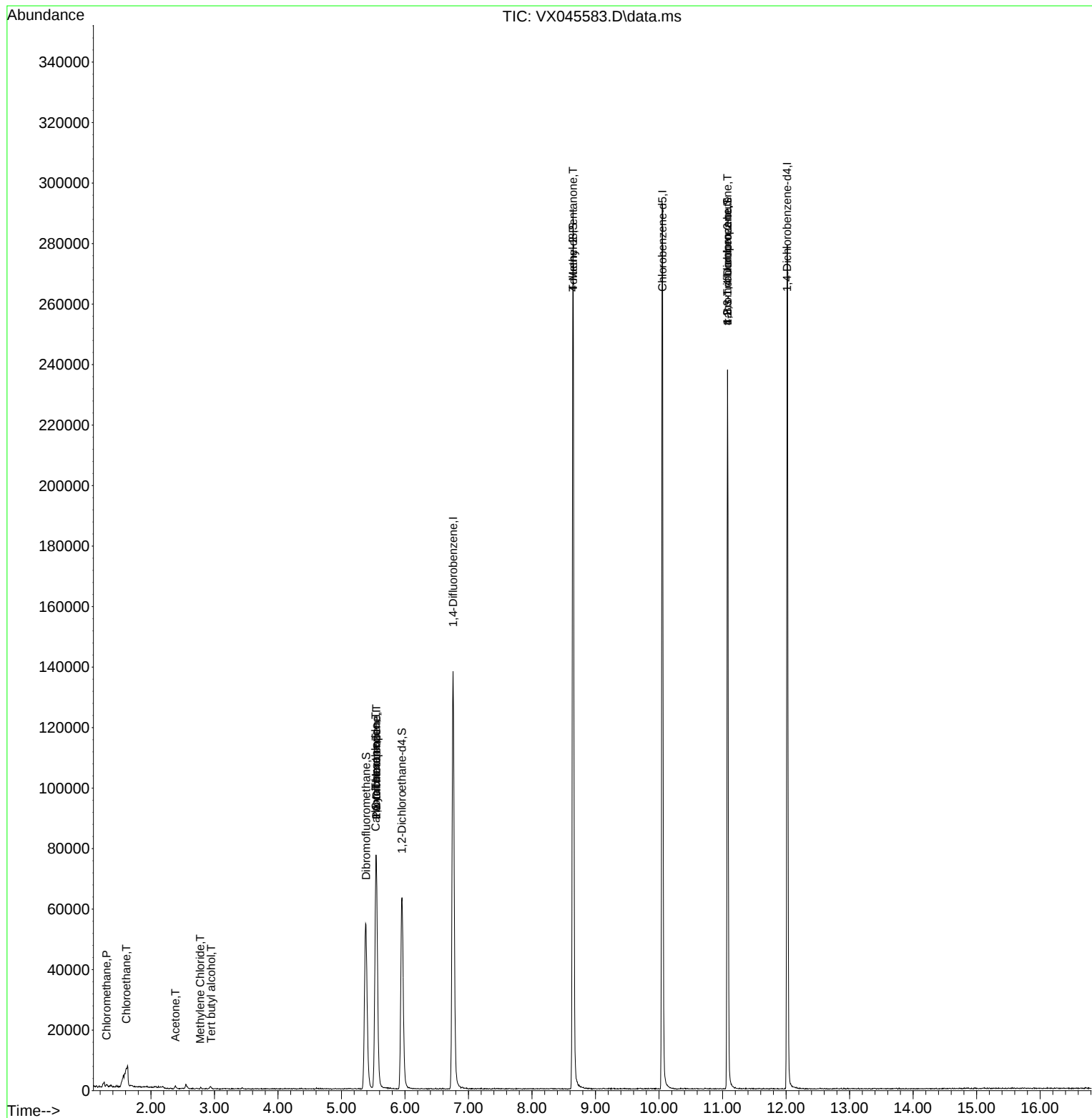
Internal Standards						
1) Pentafluorobenzene	5.550	168	65504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66129	55.204	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.400%	
35) Dibromofluoromethane	5.385	113	47720	51.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.940%	
50) Toluene-d8	8.647	98	161943	50.042	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	11.079	95	63594	53.950	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	916	0.910	ug/l #	87
6) Chloroethane	1.611	64	150	0.307	ug/l #	42
11) Tert butyl alcohol	2.946	59	179	1.112	ug/l #	72
16) Acetone	2.386	43	1046	2.126	ug/l	97
20) Methylene Chloride	2.776	84	208	0.226	ug/l #	33
31) Cyclohexane	5.544	56	1946	1.324	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	6588	5.263	ug/l #	52
38) Carbon Tetrachloride	5.537	117	7467	5.519	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	898	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37530	29.551	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37530	100.292	ug/l #	1

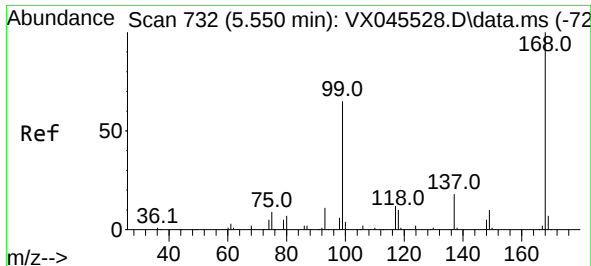
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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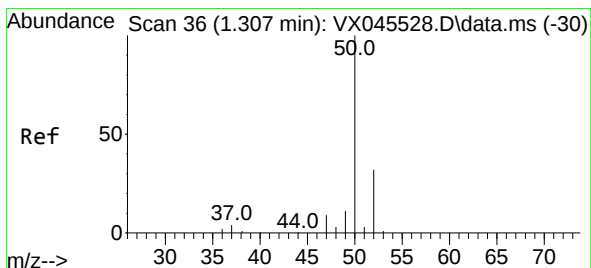
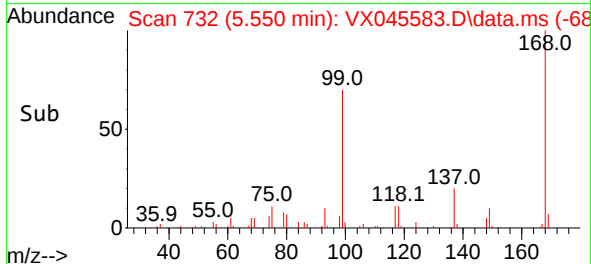
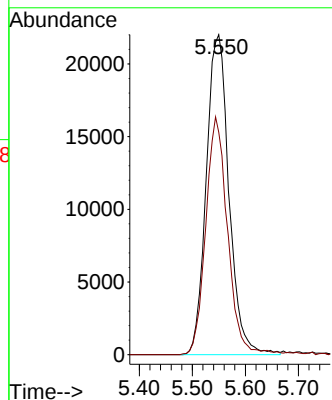
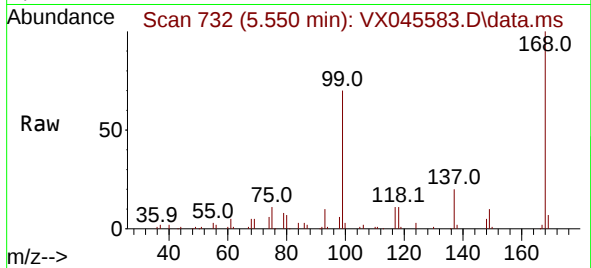




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

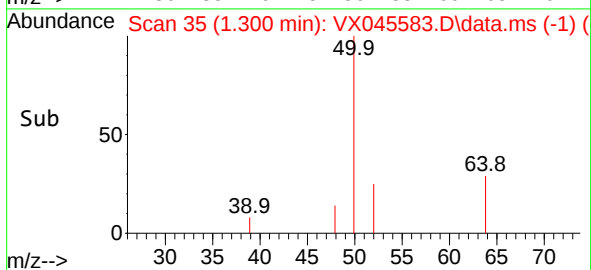
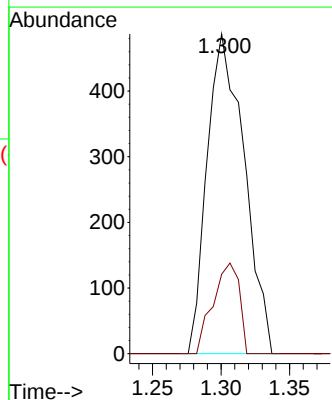
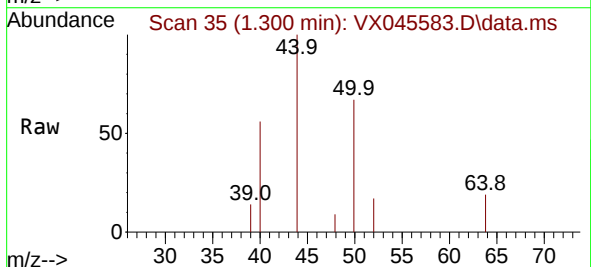
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

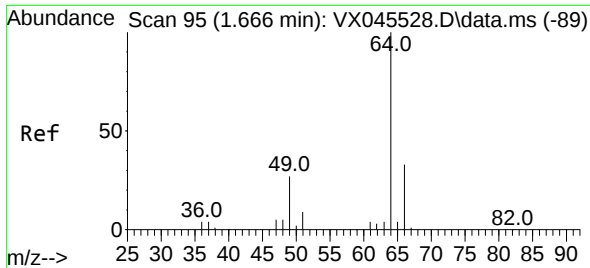
Tgt Ion:168 Resp: 65504
Ion Ratio Lower Upper
168 100
99 69.5 52.3 78.5



#3
Chloromethane
Concen: 0.910 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion: 50 Resp: 916
Ion Ratio Lower Upper
50 100
52 24.8 25.9 38.9#

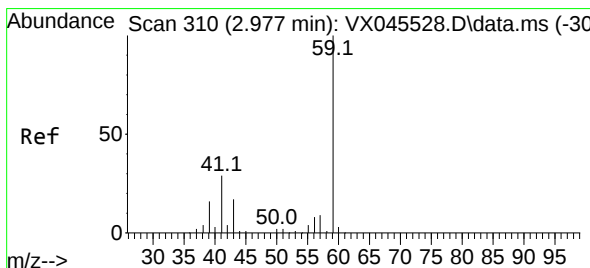
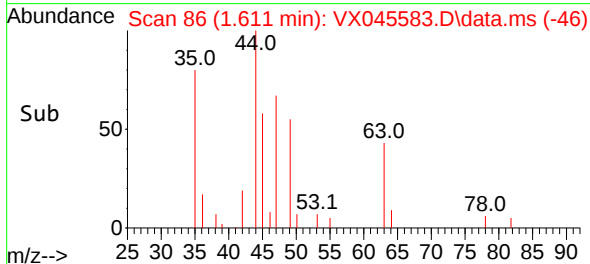
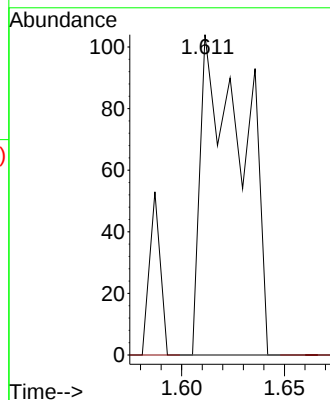
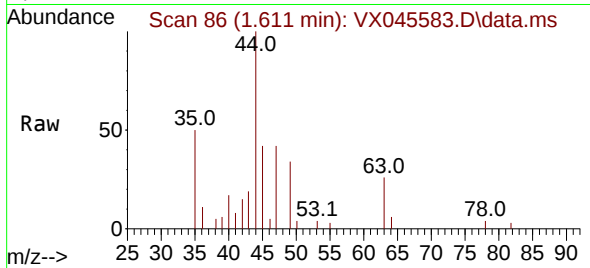




#6
Chloroethane
Concen: 0.307 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.055 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

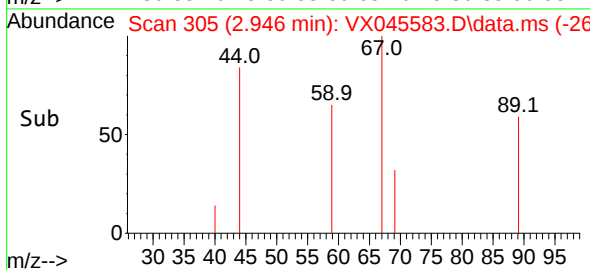
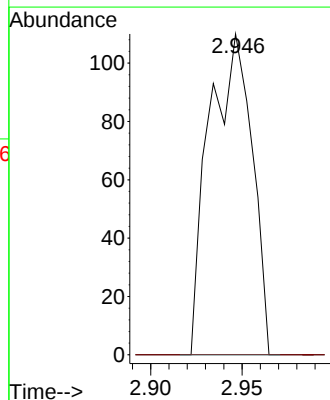
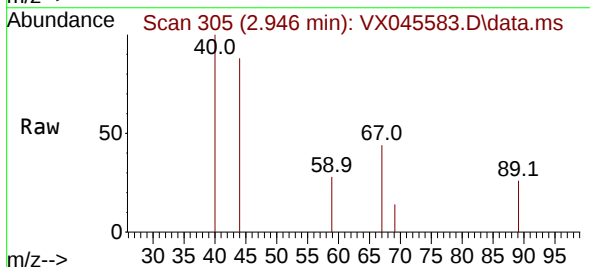
Instrument : MSVOA_X
ClientSampleId :
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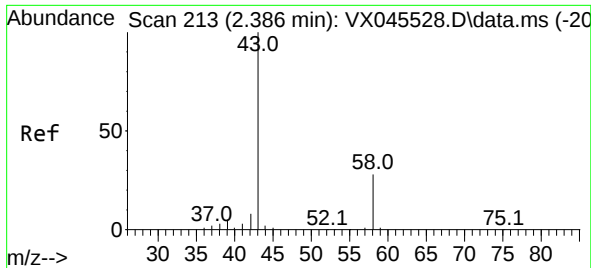
Tgt Ion: 64 Resp: 150
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 1.112 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

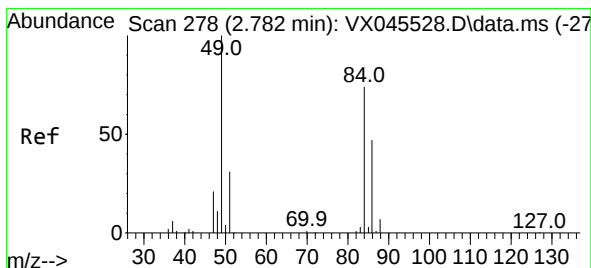
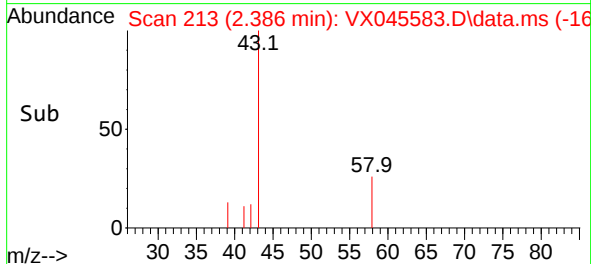
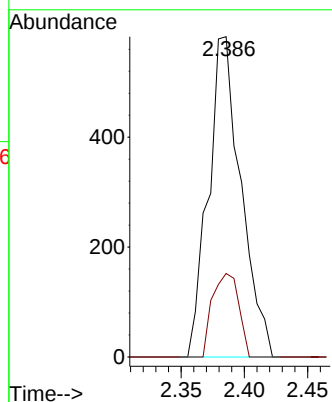
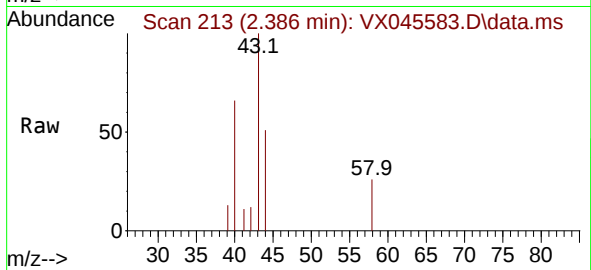




#16
Acetone
Concen: 2.126 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

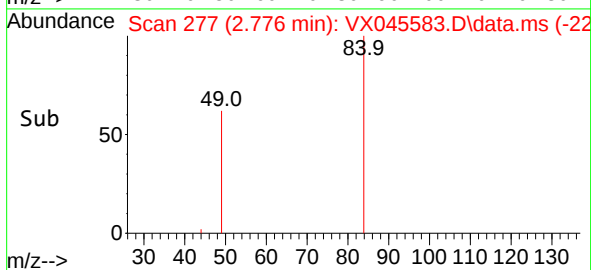
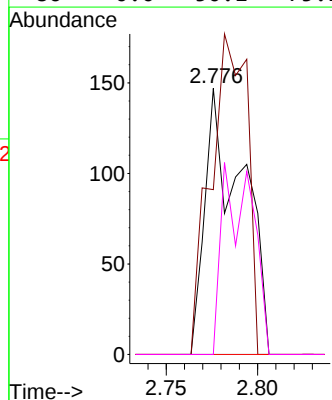
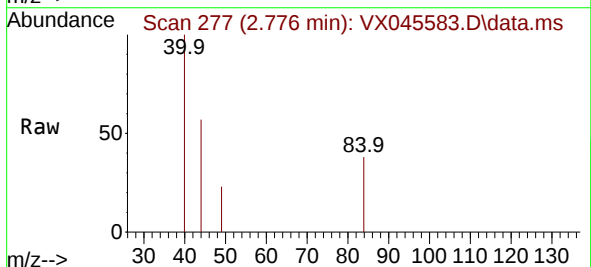
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

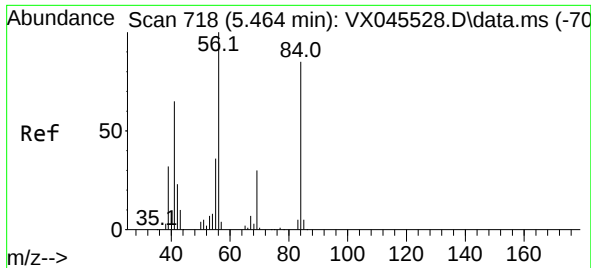
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
58 26.1 22.3 33.5



#20
Methylene Chloride
Concen: 0.226 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion: 84 Resp: 208
Ion Ratio Lower Upper
84 100
49 61.9 107.5 161.3#
51 0.0 33.0 49.6#
86 0.0 50.1 75.1#

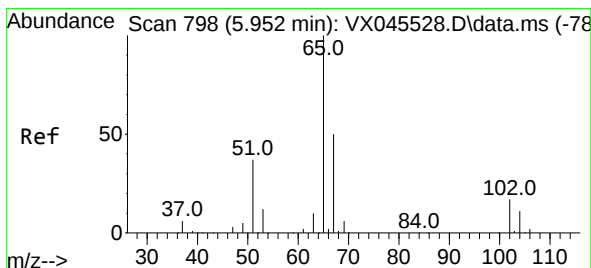
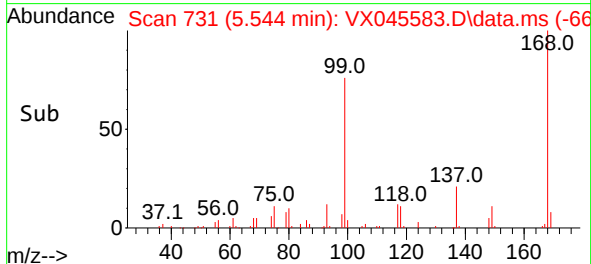
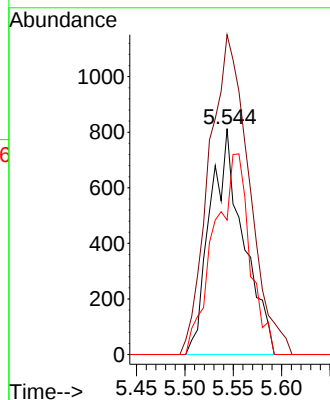
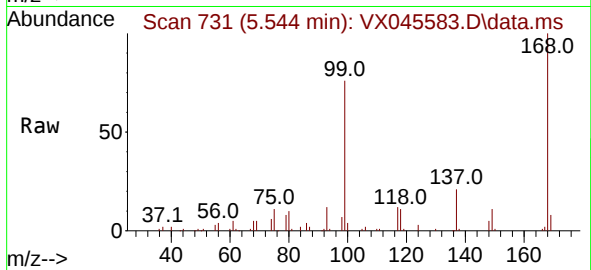




#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

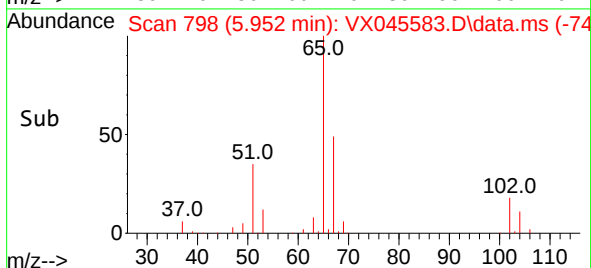
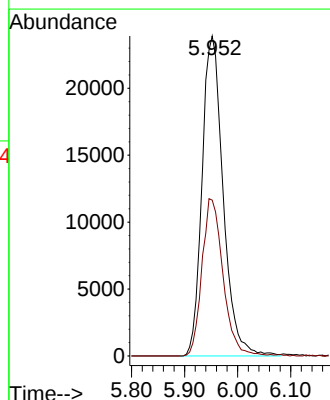
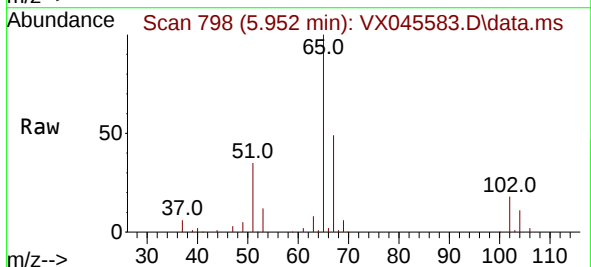
Instrument :
MSVOA_X
ClientSampleId :
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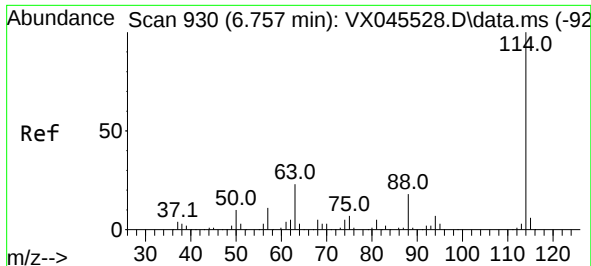
Tgt Ion: 56 Resp: 1946
Ion Ratio Lower Upper
56 100
69 141.6 23.6 35.4#
84 59.5 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 55.204 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion: 65 Resp: 66129
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

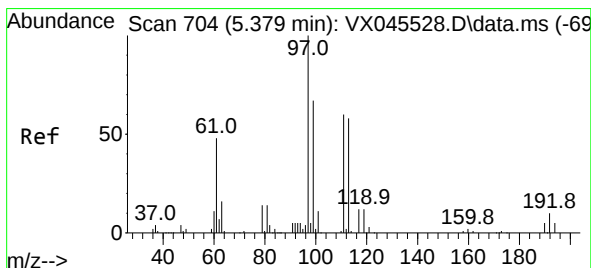
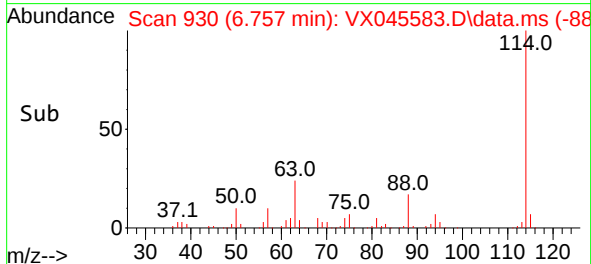
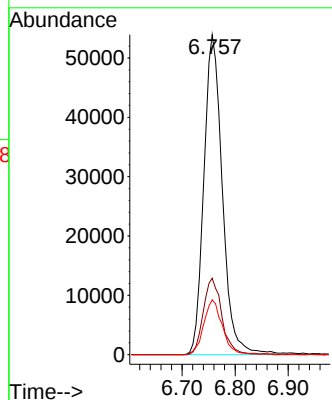
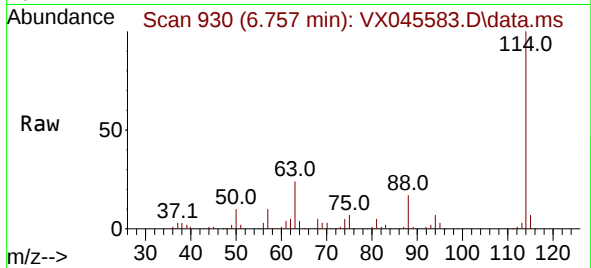




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

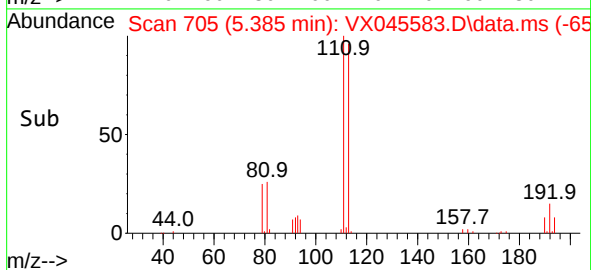
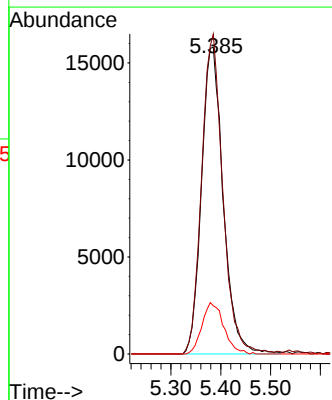
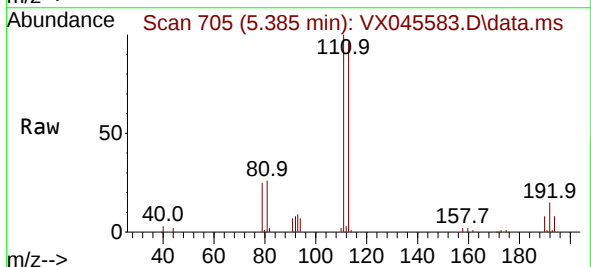
Instrument :
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ClientSampleId :
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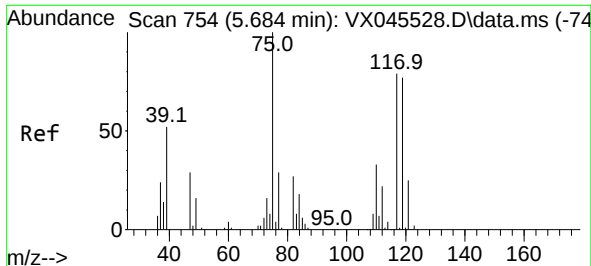
Tgt Ion:114 Resp: 130677
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.8
88 17.2 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.469 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion:113 Resp: 47720
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.7 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.263 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX045583.D

Acq: 03 Apr 2025 19:52

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

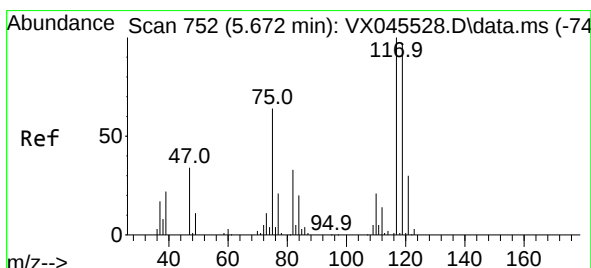
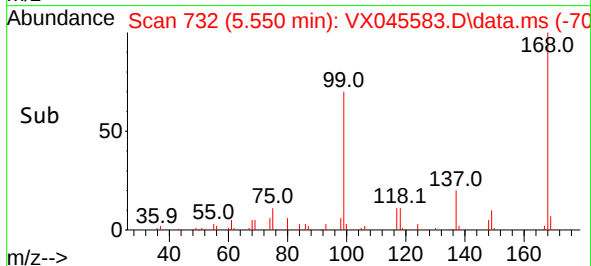
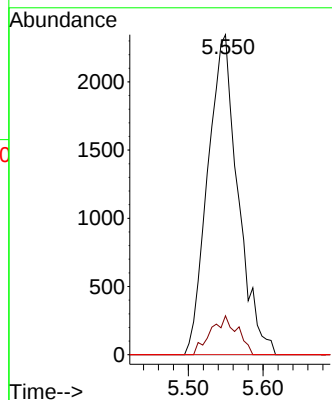
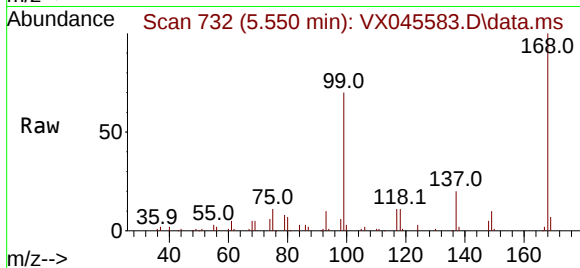
Tgt Ion: 75 Resp: 6588

Ion Ratio Lower Upper

75 100

110 10.8 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.519 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX045583.D

Acq: 03 Apr 2025 19:52

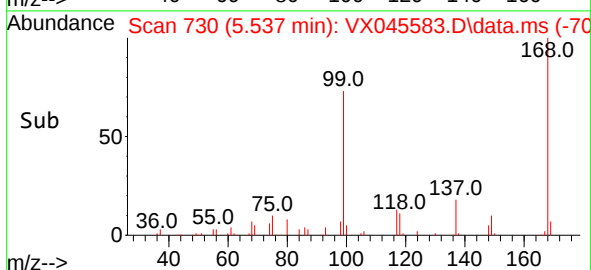
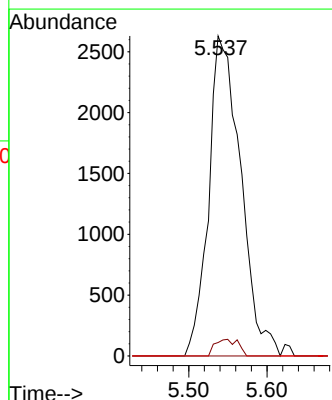
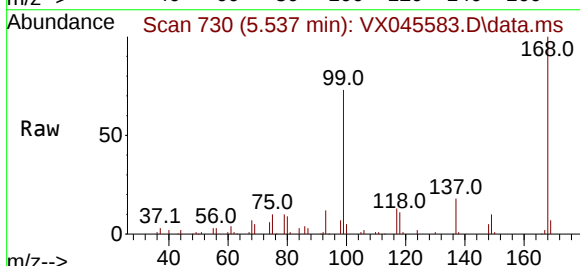
Tgt Ion: 117 Resp: 7467

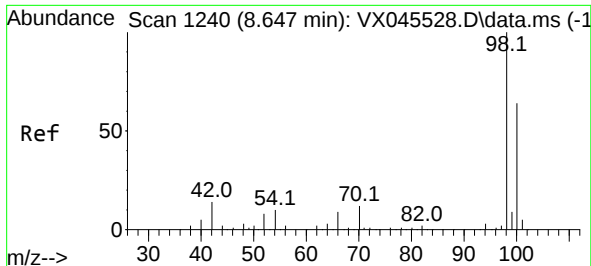
Ion Ratio Lower Upper

117 100

119 4.2 76.9 115.3#

121 0.0 24.2 36.2#

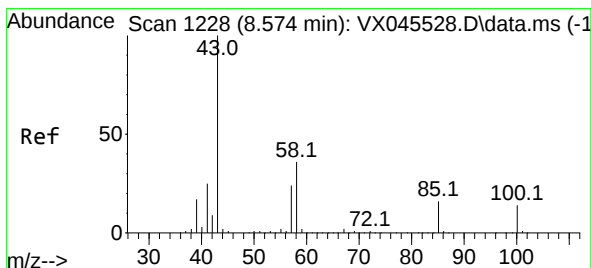
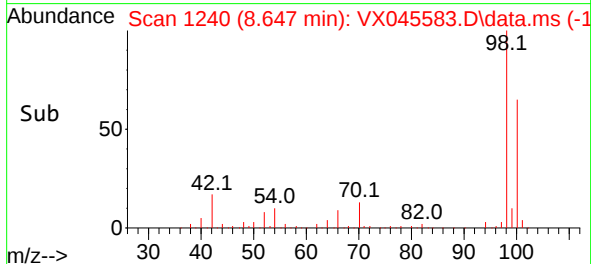
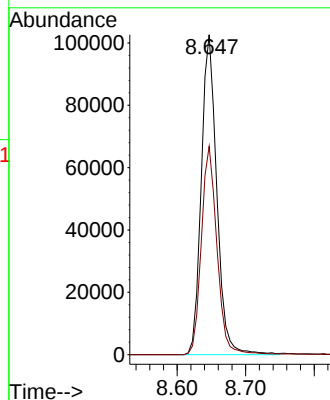
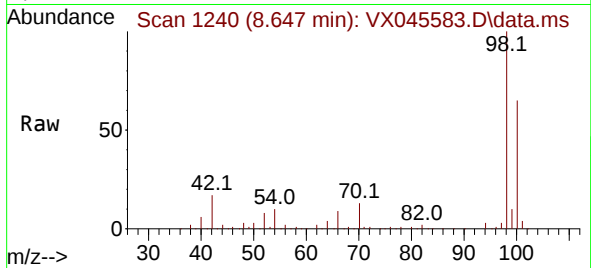




#50
Toluene-d8
Concen: 50.042 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

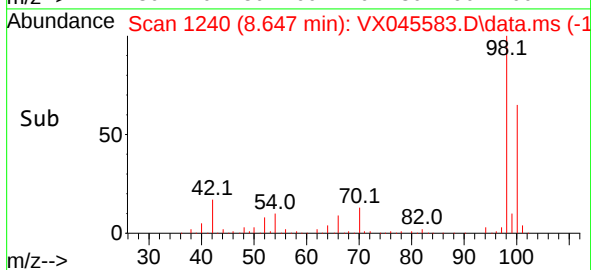
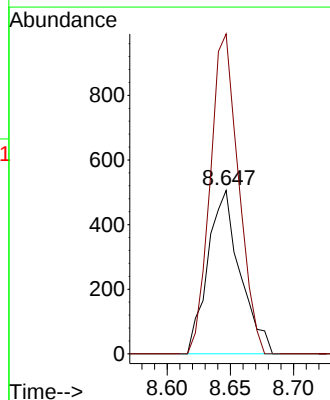
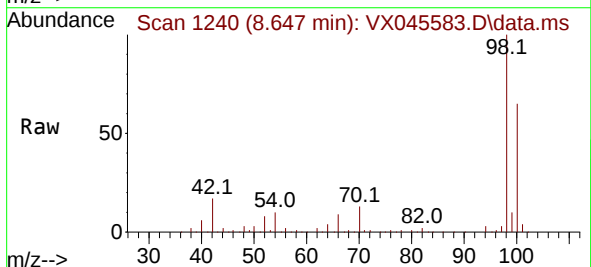
Instrument :
MSVOA_X
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Storage-Blank-SAMPLE-MANAGEMENT

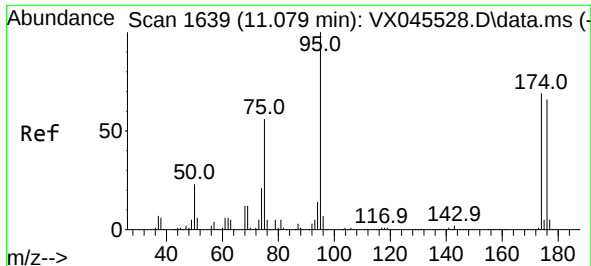
Tgt Ion: 98 Resp: 161943
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 172.0 28.5 42.7#

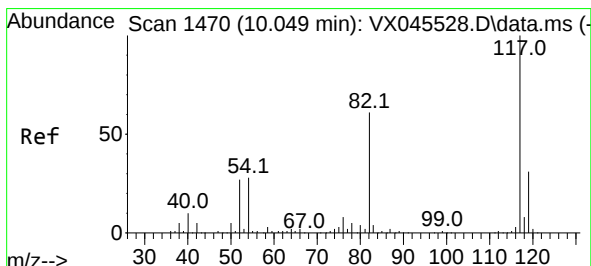
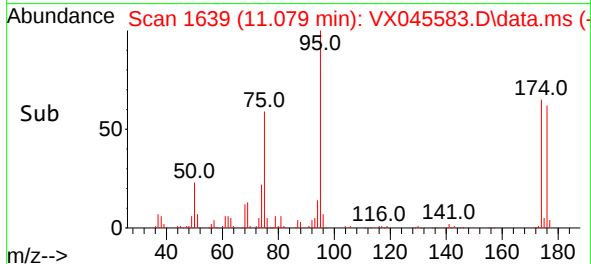
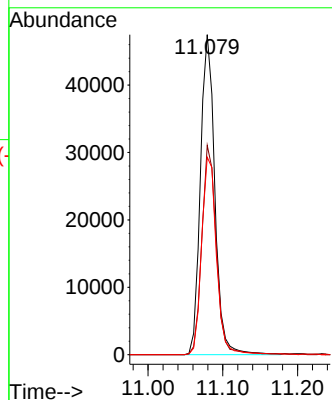
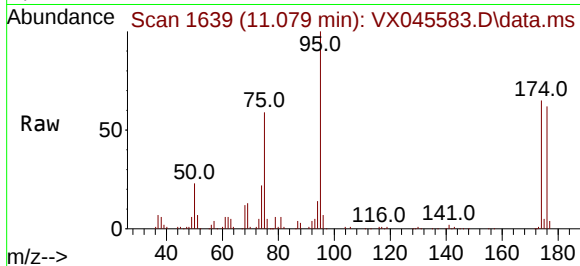




#62
4-Bromofluorobenzene
Concen: 53.950 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

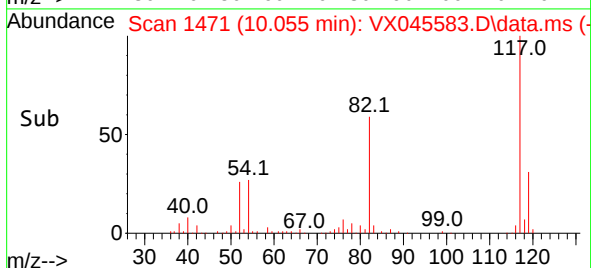
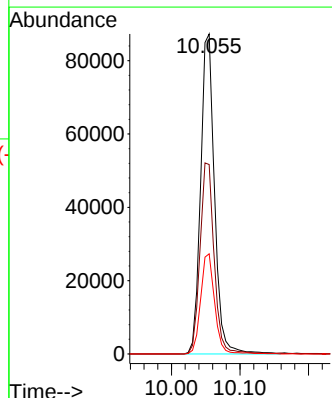
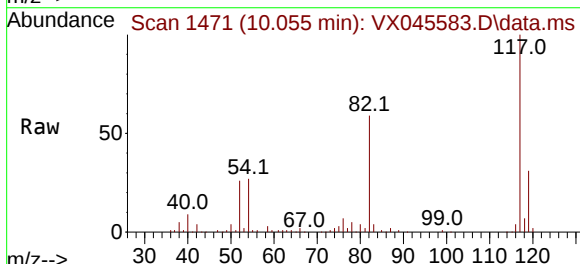
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

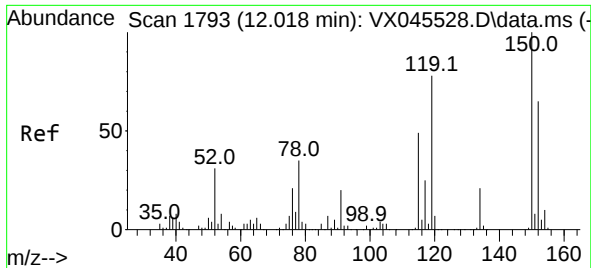
Tgt Ion: 95 Resp: 63594
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 63.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion: 117 Resp: 123569
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 31.3 25.1 37.7

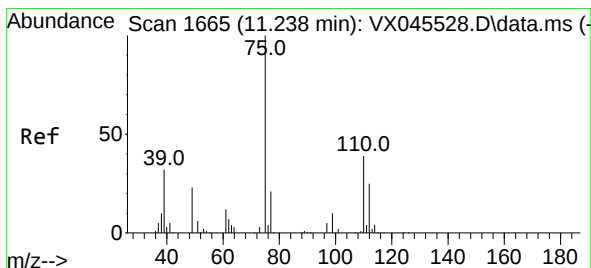
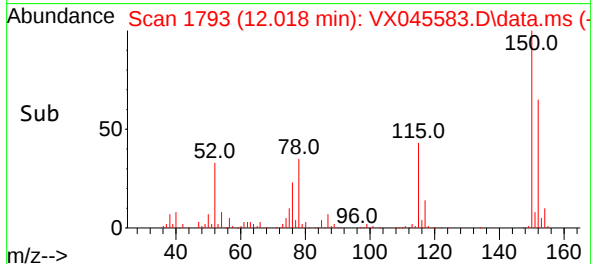
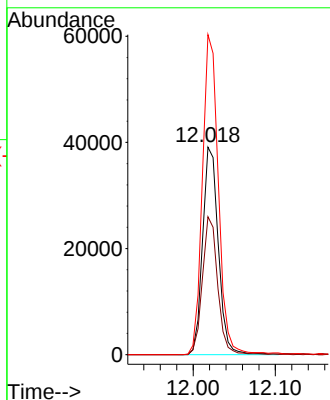
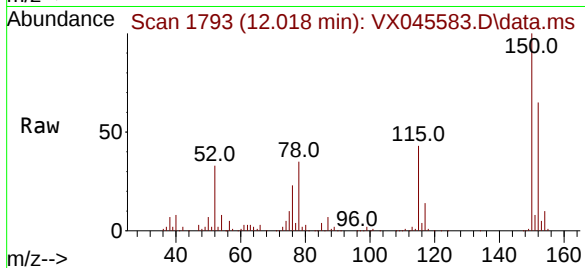




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045583.D
 Acq: 03 Apr 2025 19:52

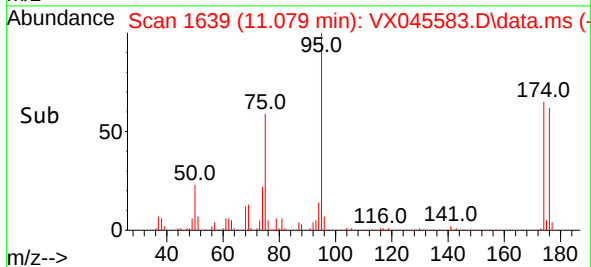
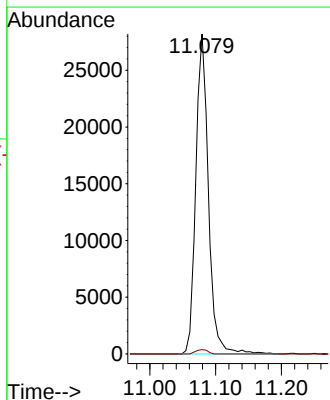
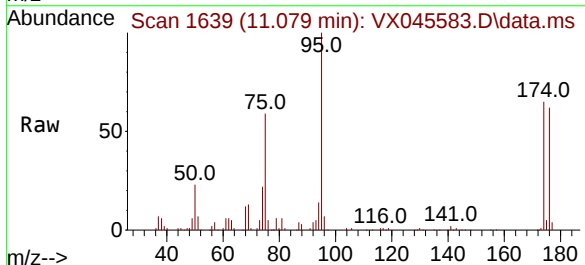
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

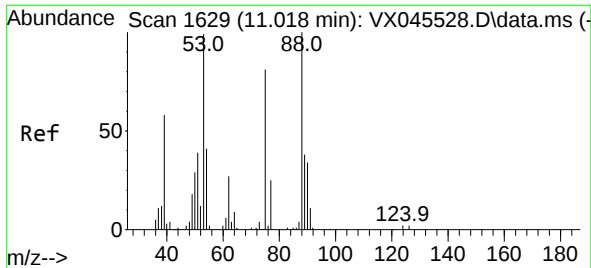
Tgt Ion:152 Resp: 52066
 Ion Ratio Lower Upper
 152 100
 115 64.7 46.9 140.7
 150 156.6 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 29.551 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045583.D
 Acq: 03 Apr 2025 19:52

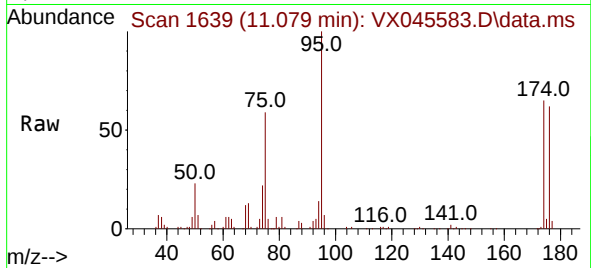
Tgt Ion: 75 Resp: 37530
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 100.292 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion: 75 Resp: 37530
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

