

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045941.D
 Acq On : 25 Apr 2025 14:10
 Operator : JC/MD
 Sample : Q1888-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Apr 25 23:02:12 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)

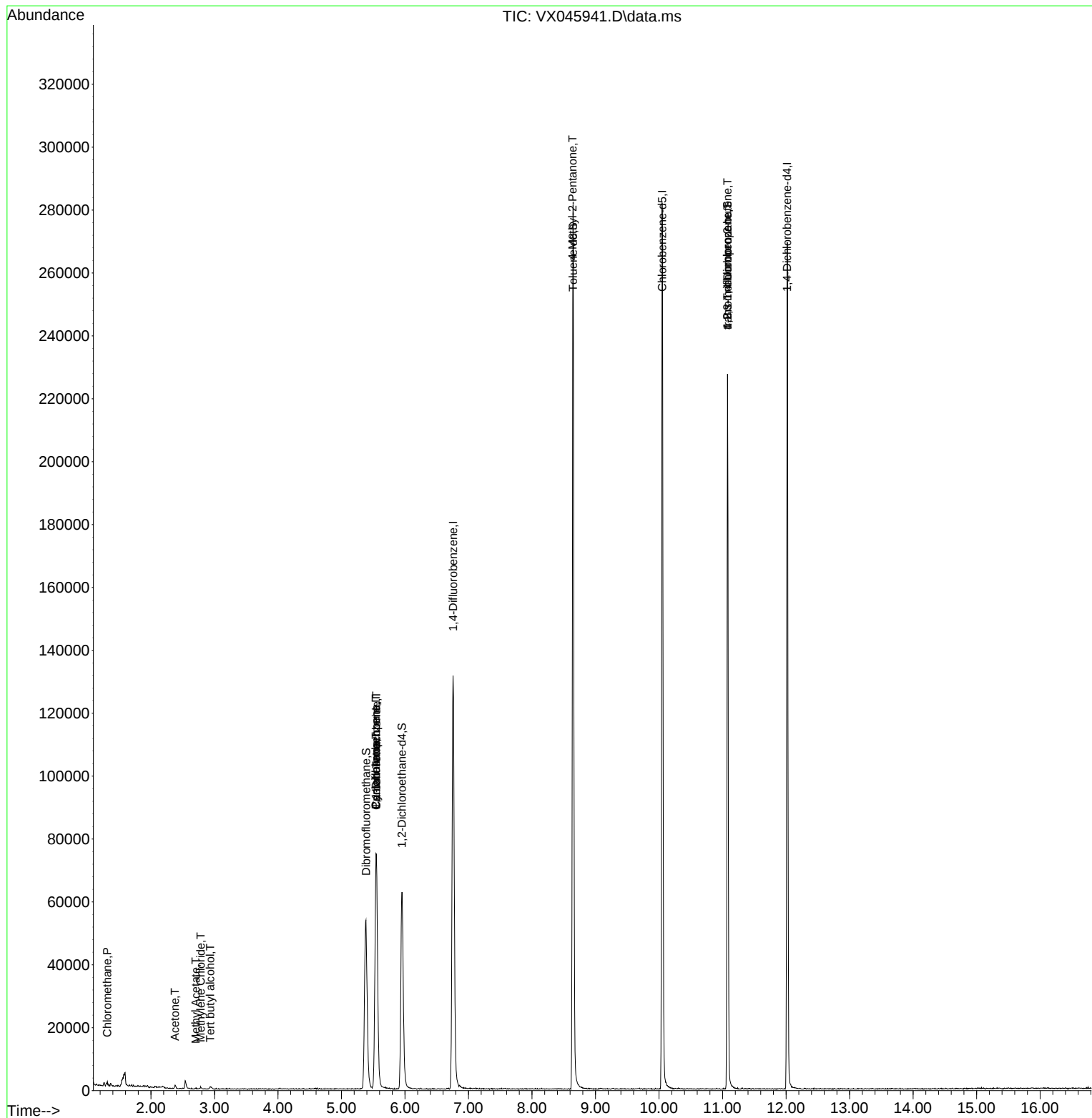
Internal Standards						
1) Pentafluorobenzene	5.544	168	65095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64938	54.551	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.100%	
35) Dibromofluoromethane	5.385	113	46456	51.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
50) Toluene-d8	8.647	98	159689	50.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	11.079	95	58762	51.521	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	1283	1.283	ug/l	93
11) Tert butyl alcohol	2.934	59	359	2.244	ug/l #	72
16) Acetone	2.380	43	1267	2.592	ug/l	92
18) Methyl Acetate	2.703	43	304	0.270	ug/l #	54
20) Methylene Chloride	2.782	84	253	0.276	ug/l #	67
31) Cyclohexane	5.544	56	1923	1.317	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	6647	5.488	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7592	5.800	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	789	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34233	28.351	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34233	96.220	ug/l #	1

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

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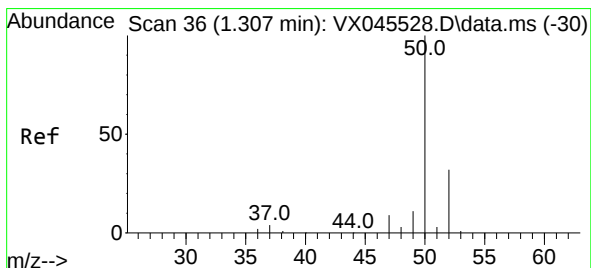
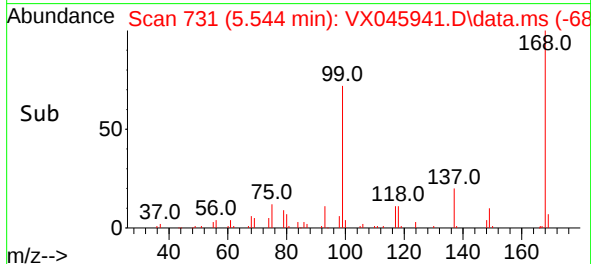
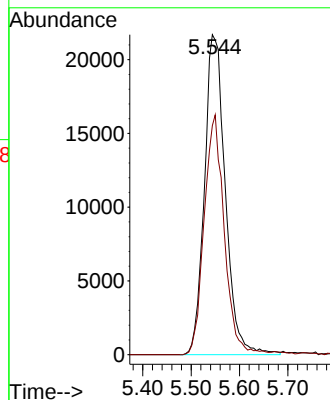
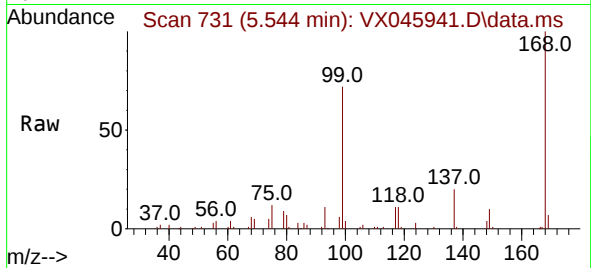




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

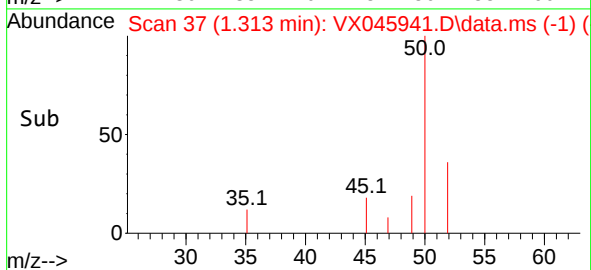
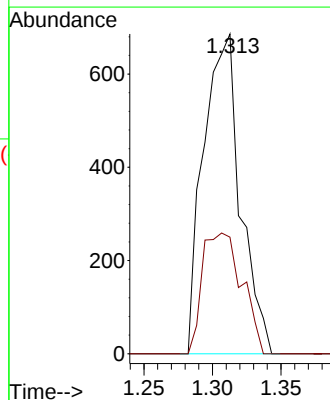
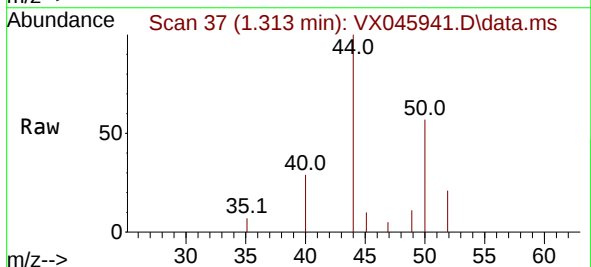
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

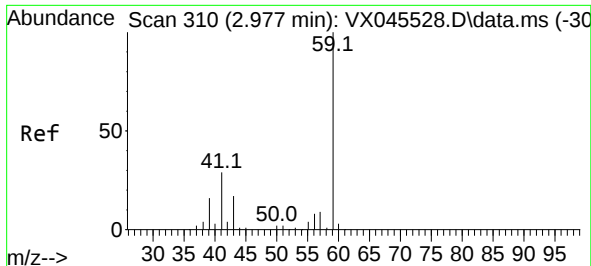
Tgt Ion:168 Resp: 65095
Ion Ratio Lower Upper
168 100
99 71.6 52.3 78.5



#3
Chloromethane
Concen: 1.283 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Tgt Ion: 50 Resp: 1283
Ion Ratio Lower Upper
50 100
52 36.4 25.9 38.9





#11

Tert butyl alcohol

Concen: 2.244 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.043 min

Lab File: VX045941.D

Acq: 25 Apr 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

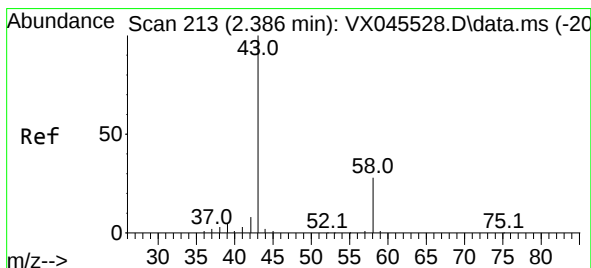
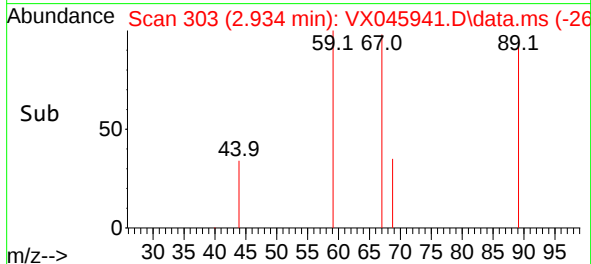
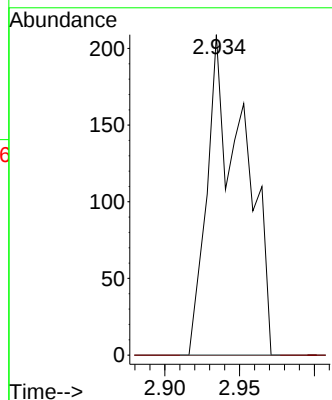
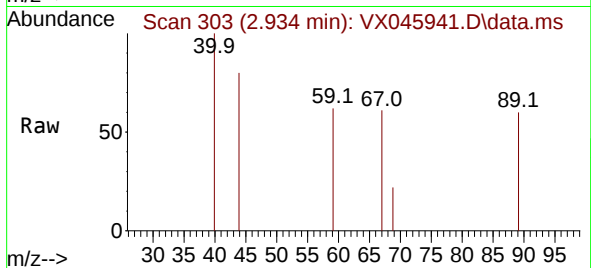
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 59 Resp: 359

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 2.592 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045941.D

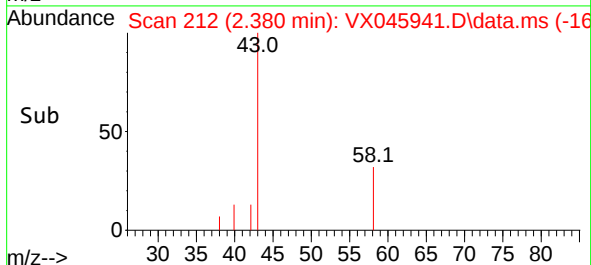
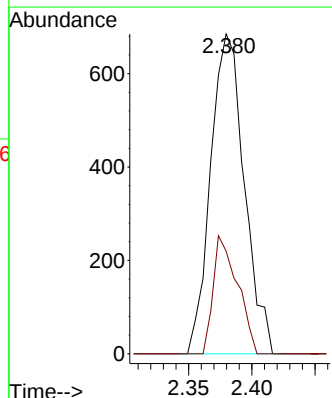
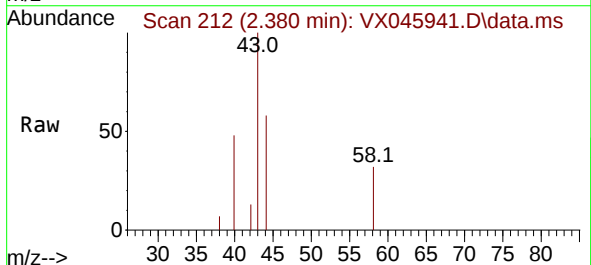
Acq: 25 Apr 2025 14:10

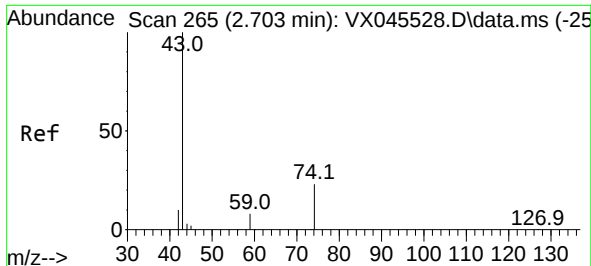
Tgt Ion: 43 Resp: 1267

Ion Ratio Lower Upper

43 100

58 32.1 22.3 33.5

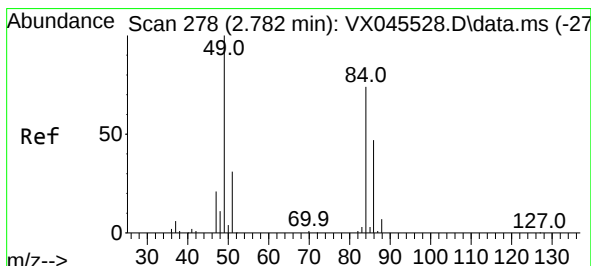
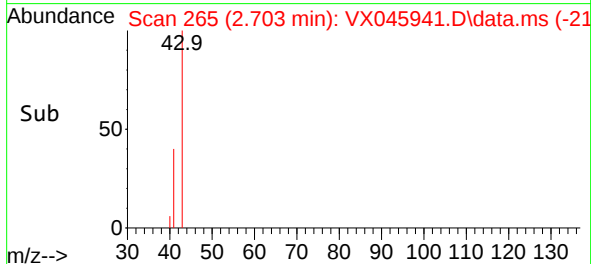
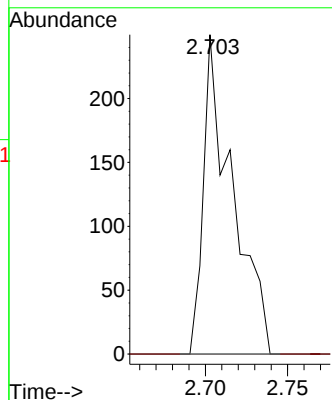
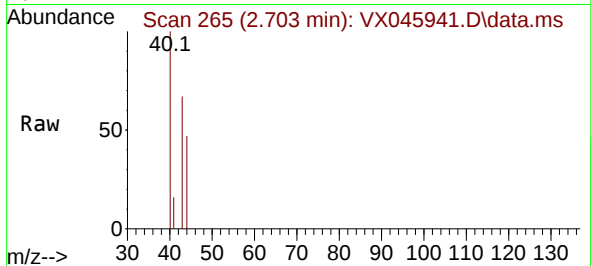




#18
Methyl Acetate
Concen: 0.270 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

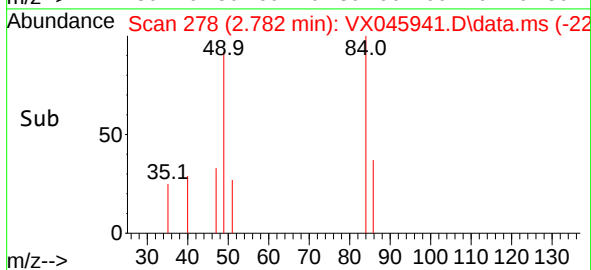
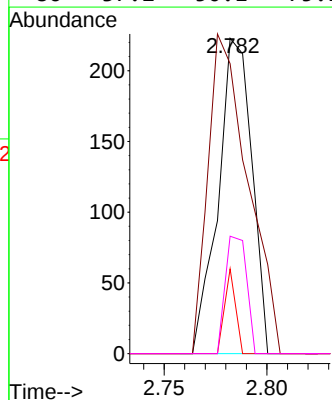
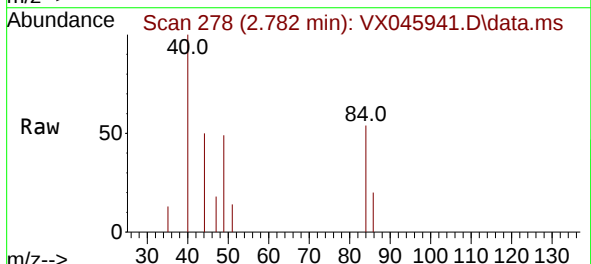
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

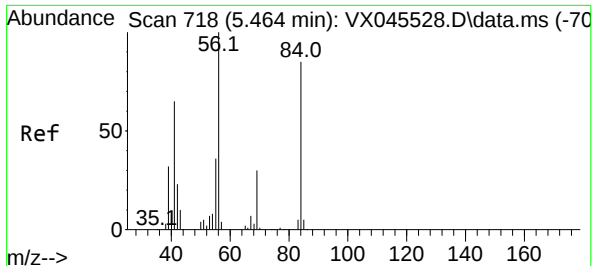
Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

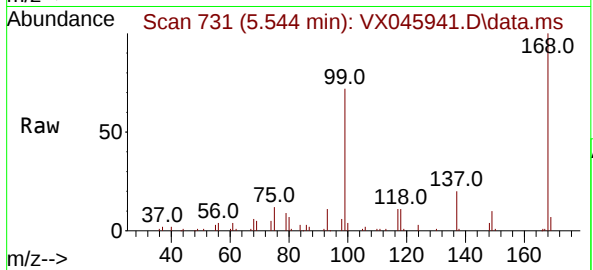
Tgt Ion: 84 Resp: 253
Ion Ratio Lower Upper
84 100
49 91.9 107.5 161.3#
51 26.9 33.0 49.6#
86 37.2 50.1 75.1#



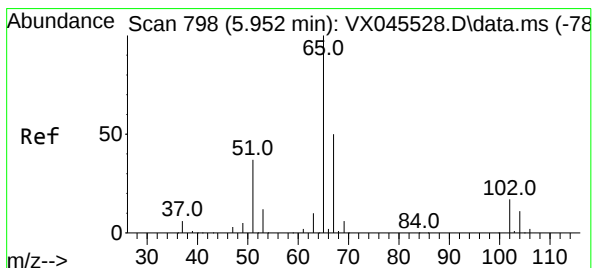
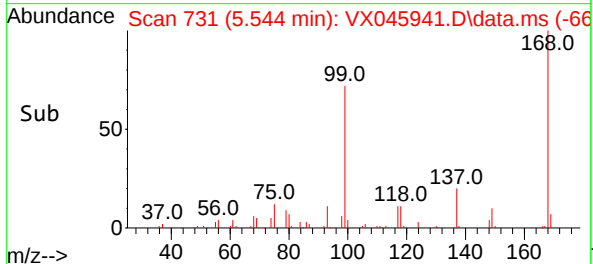
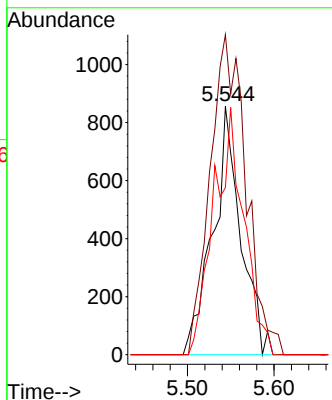


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

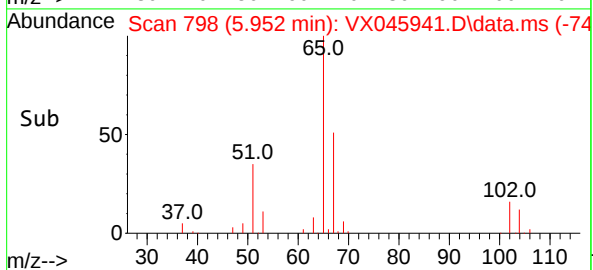
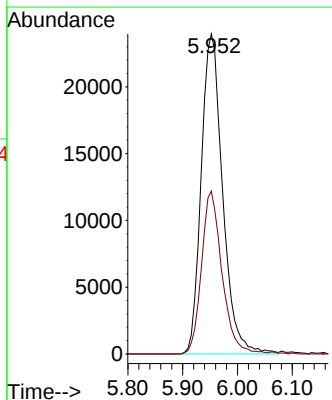
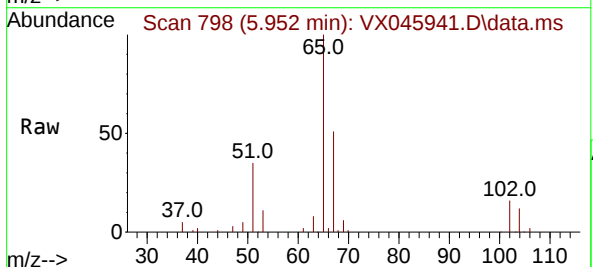


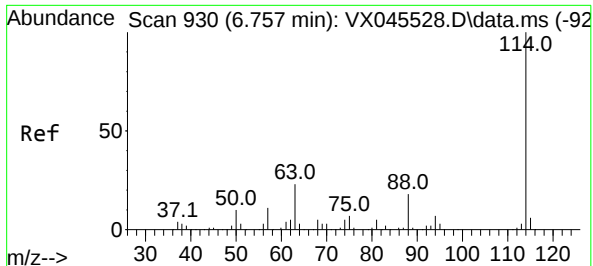
Tgt Ion: 56 Resp: 1923
Ion Ratio Lower Upper
56 100
69 128.9 23.6 35.4#
84 75.2 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.551 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Tgt Ion: 65 Resp: 64938
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

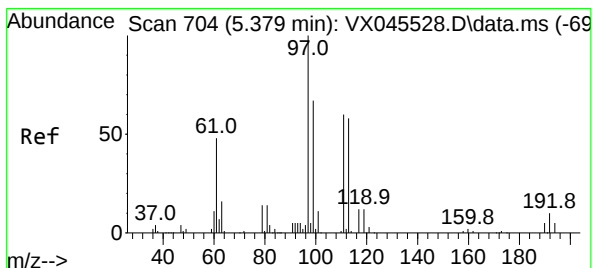
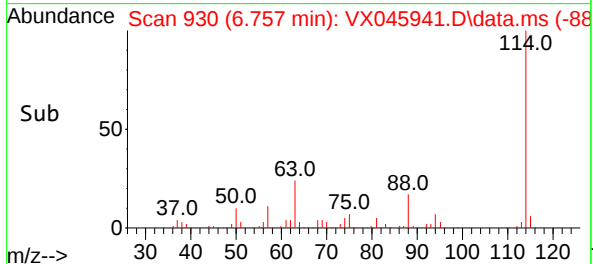
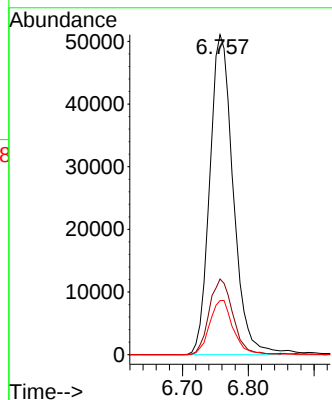
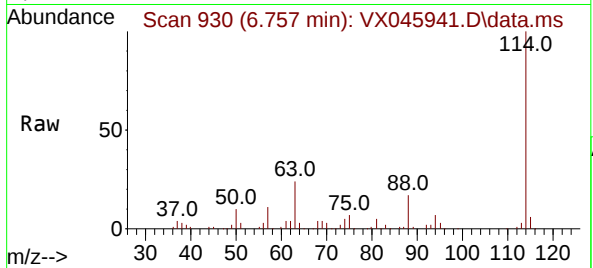




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

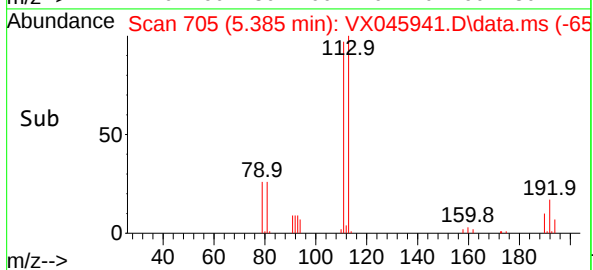
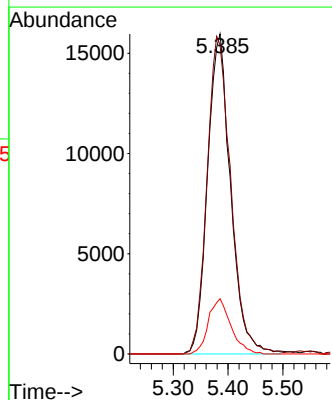
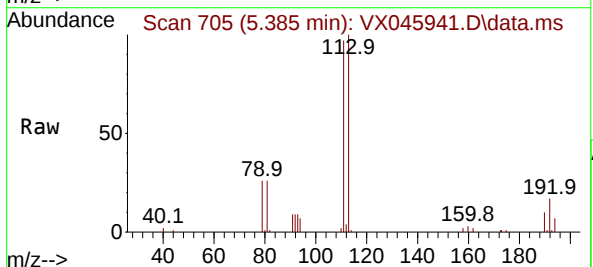
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

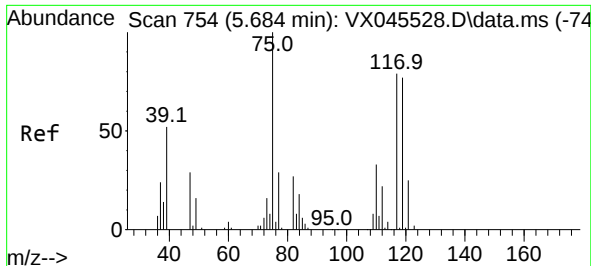
Tgt Ion:114 Resp: 126440
Ion Ratio Lower Upper
114 100
63 23.7 0.0 46.8
88 16.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.785 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Tgt Ion:113 Resp: 46456
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 17.0 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.488 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045941.D

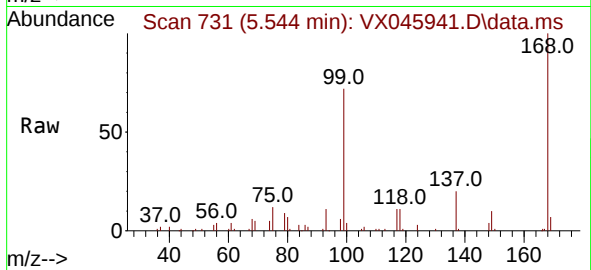
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Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT



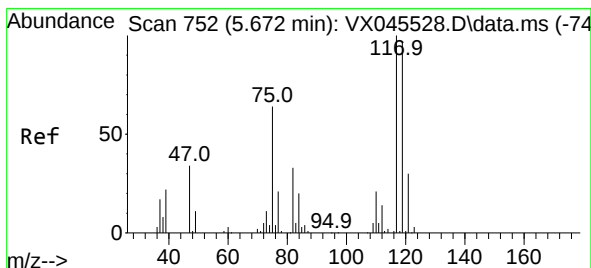
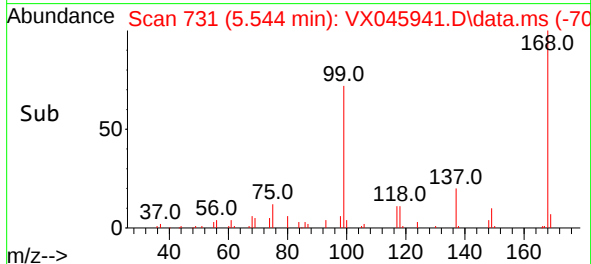
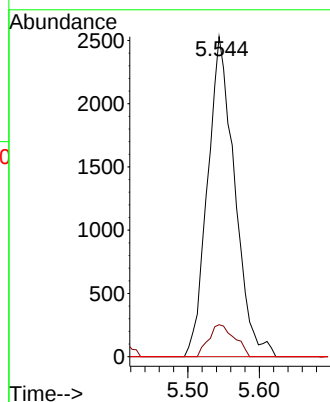
Tgt Ion: 75 Resp: 6647

Ion Ratio Lower Upper

75 100

110 9.5 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.800 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045941.D

Acq: 25 Apr 2025 14:10

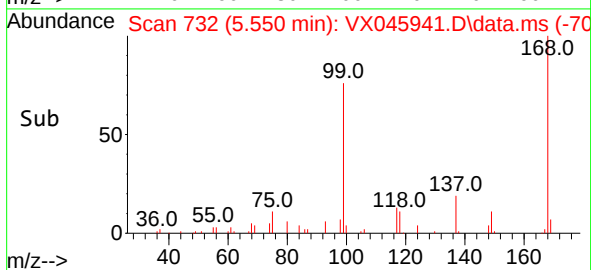
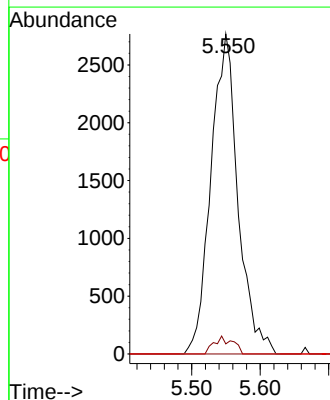
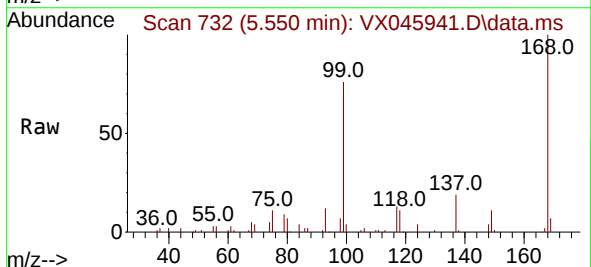
Tgt Ion: 117 Resp: 7592

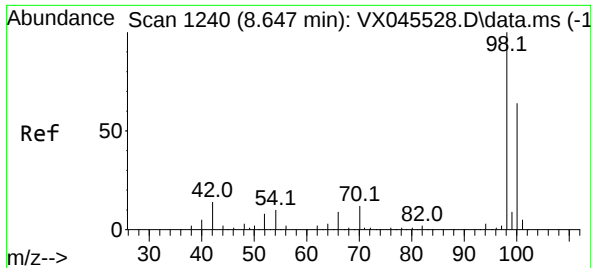
Ion Ratio Lower Upper

117 100

119 3.1 76.9 115.3#

121 0.0 24.2 36.2#

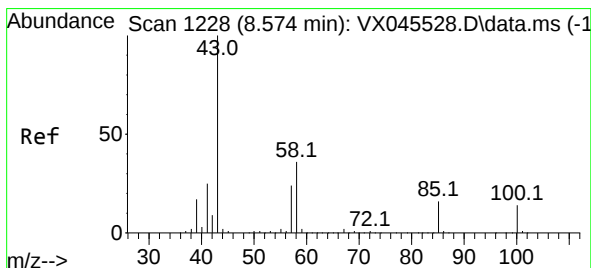
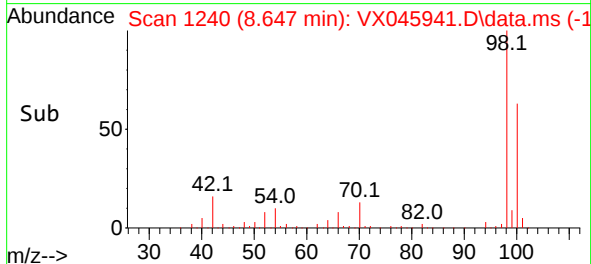
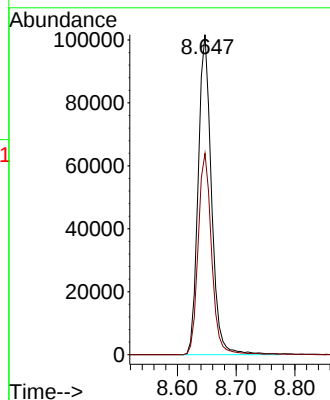
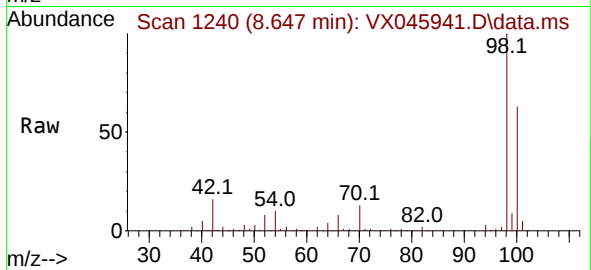




#50
Toluene-d8
Concen: 50.999 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

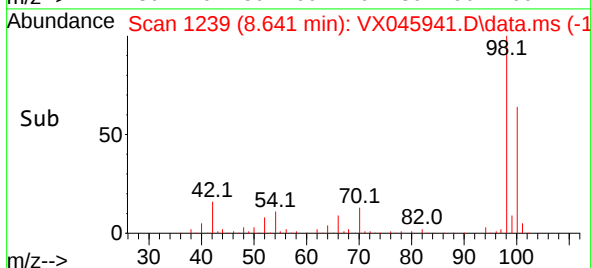
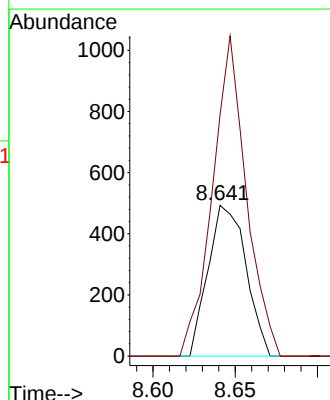
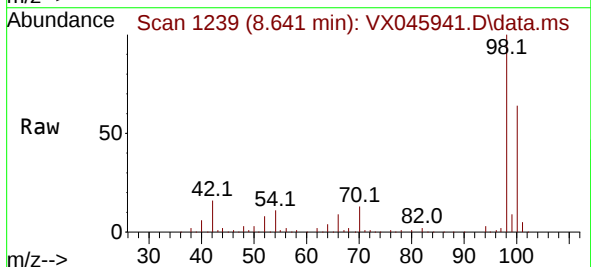
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

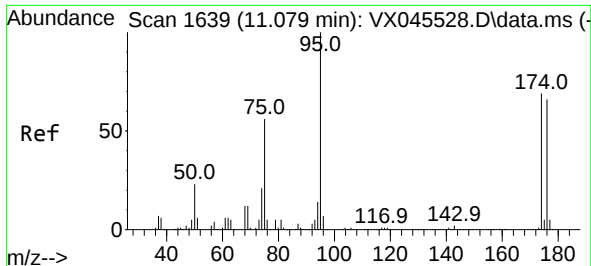
Tgt Ion: 98 Resp: 159689
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 189.7 28.5 42.7#

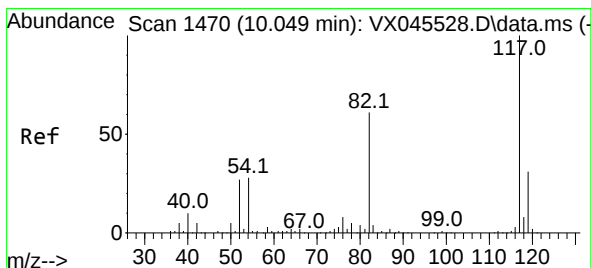
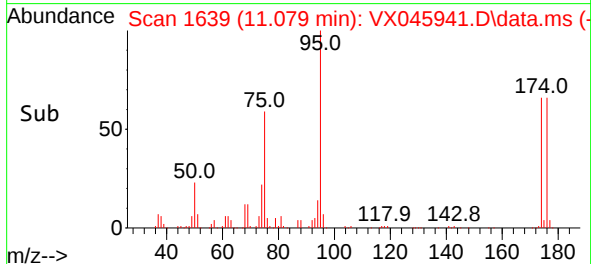
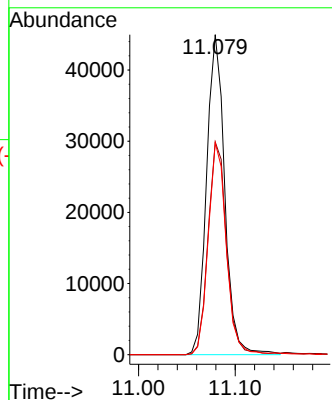
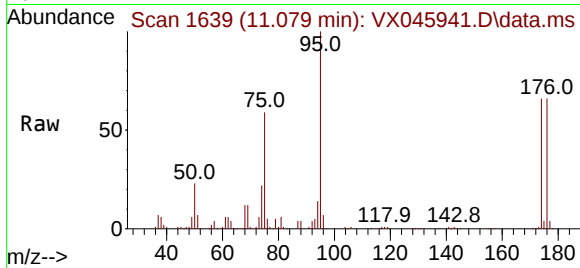




#62
4-Bromofluorobenzene
Concen: 51.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

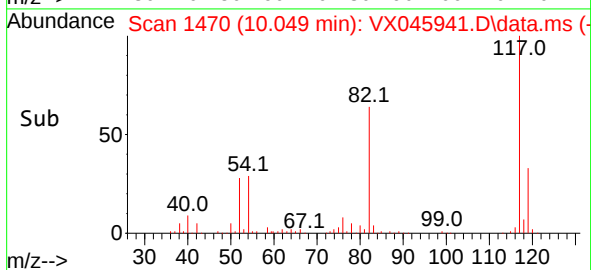
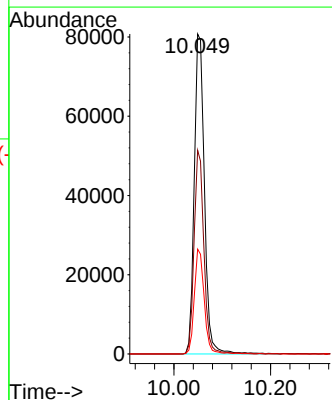
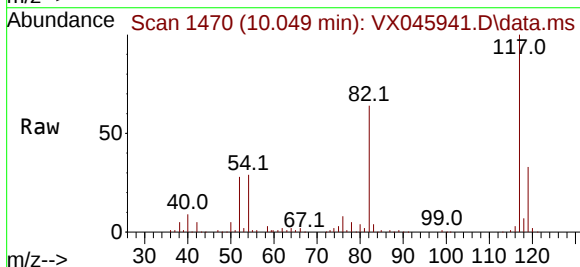
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

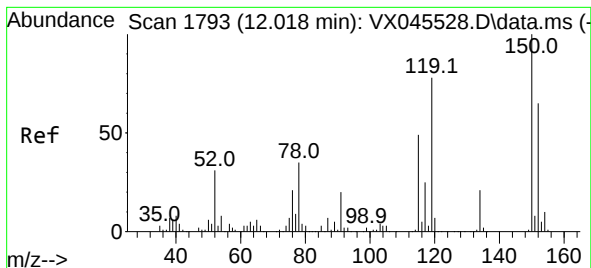
Tgt Ion: 95 Resp: 58762
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 66.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Tgt Ion: 117 Resp: 117635
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 32.7 25.1 37.7

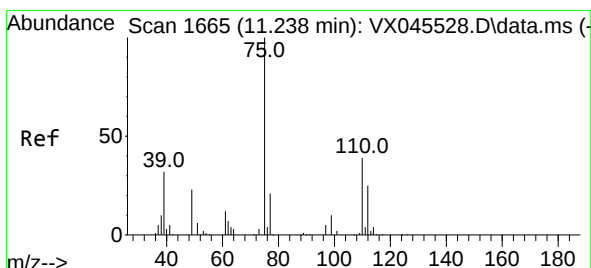
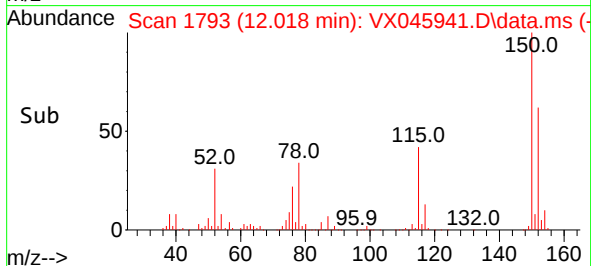
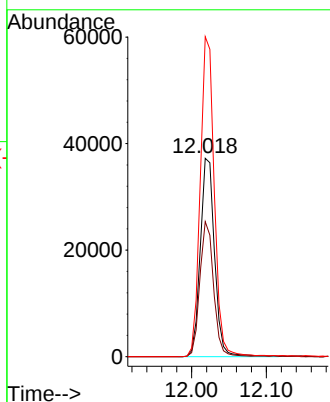
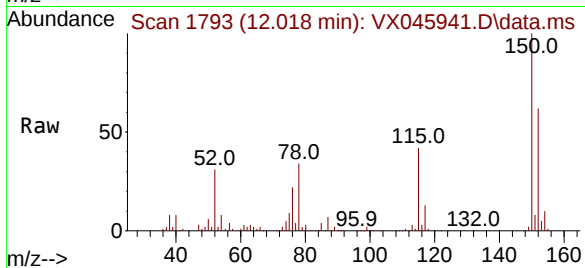




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

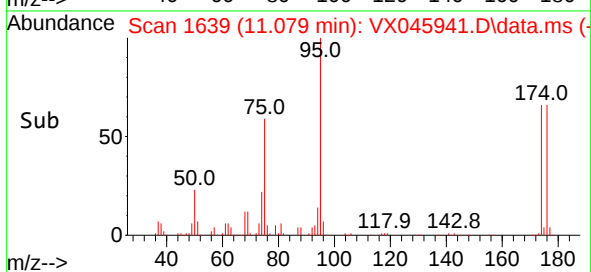
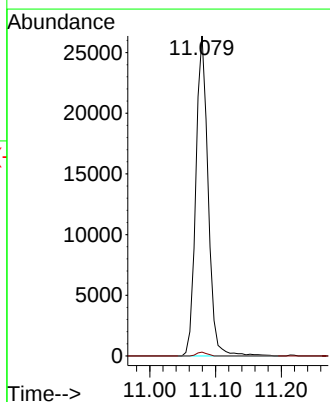
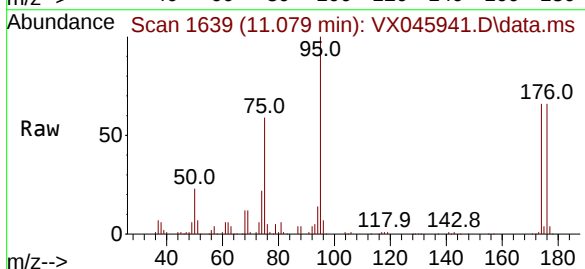
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

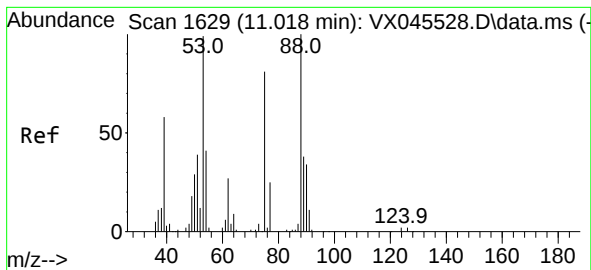
Tgt Ion:152 Resp: 49502
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 158.1 0.0 349.4



#76
1,2,3-Trichloropropane
Concen: 28.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Tgt Ion: 75 Resp: 34233
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.220 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 34233
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

