

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045908.D
 Acq On : 23 Apr 2025 13:27
 Operator : JC/MD
 Sample : Q1837-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:58 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)

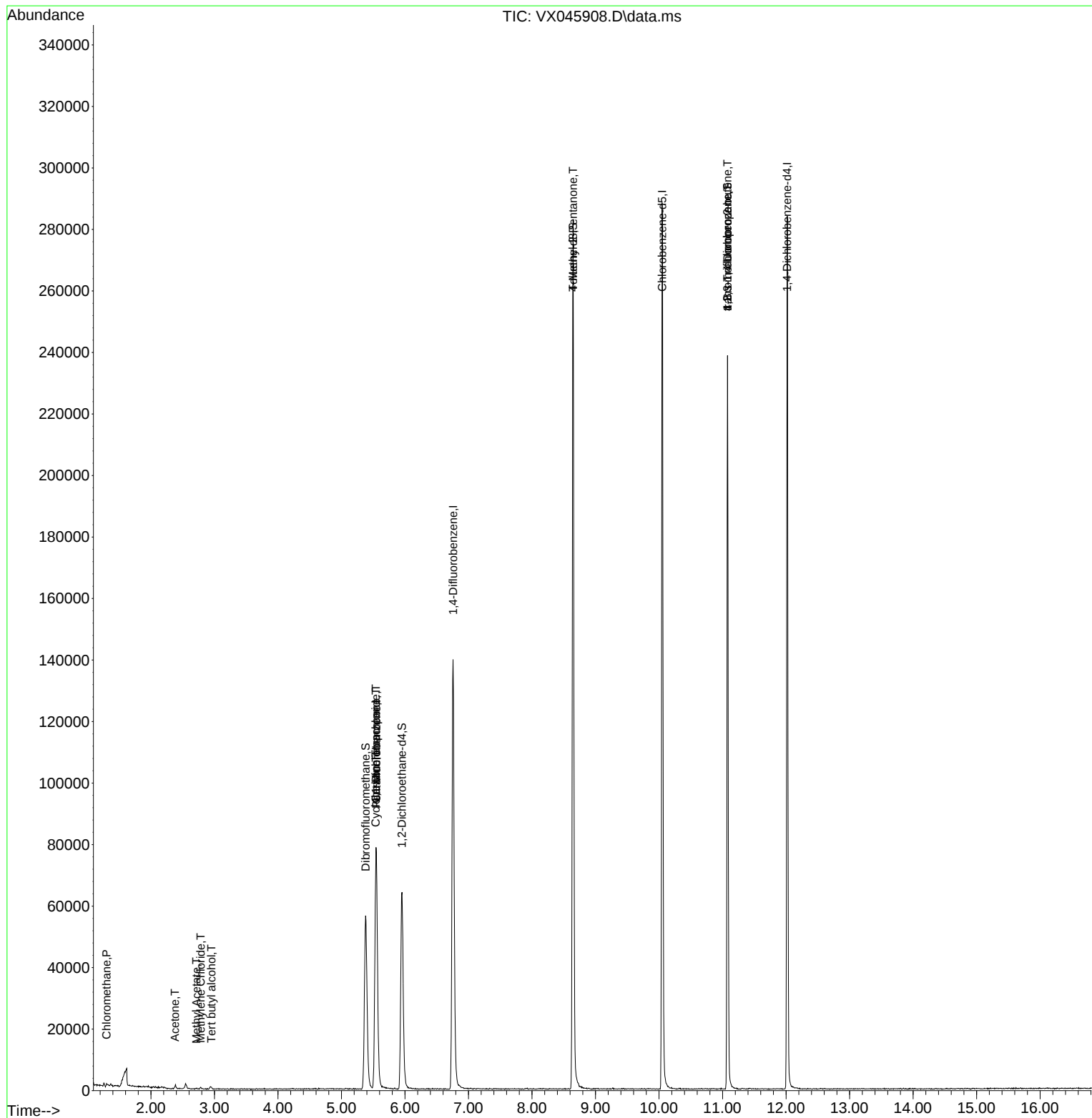
Internal Standards						
1) Pentafluorobenzene	5.550	168	67417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66418	53.872	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.740%	
35) Dibromofluoromethane	5.379	113	47825	50.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.960%	
50) Toluene-d8	8.647	98	165334	50.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	11.079	95	62037	52.017	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	795	0.768	ug/l	93
11) Tert butyl alcohol	2.953	59	315	1.901	ug/l #	72
16) Acetone	2.380	43	1071	2.116	ug/l #	87
18) Methyl Acetate	2.715	43	309	0.265	ug/l #	54
20) Methylene Chloride	2.782	84	286	0.302	ug/l #	76
31) Cyclohexane	5.538	56	2129	1.408	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	6581	5.196	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7994	5.840	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1020	0.636	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36264	28.760	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36264	97.606	ug/l #	1

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

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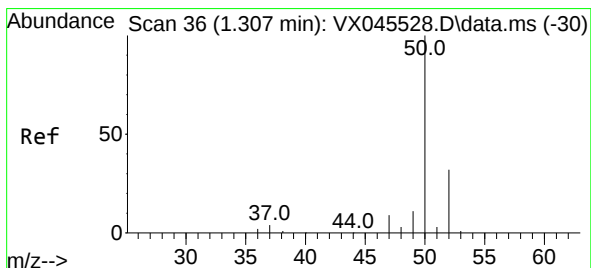
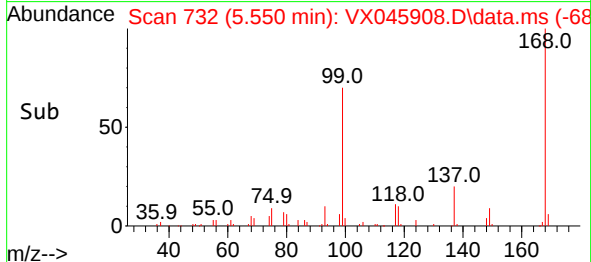
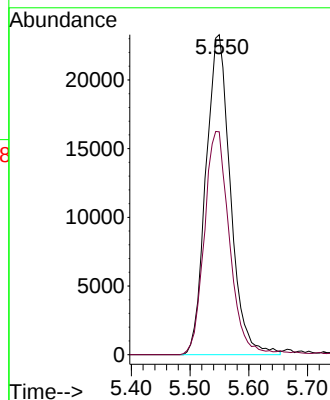
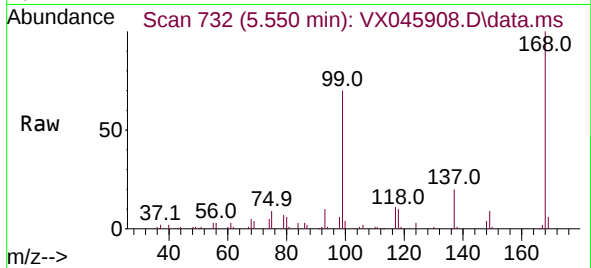




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

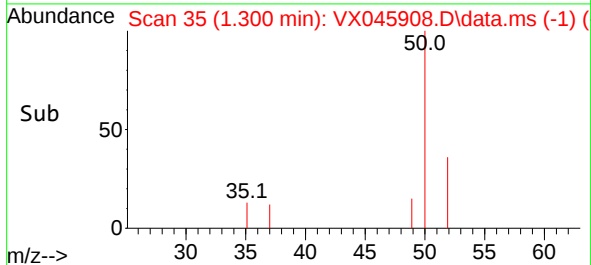
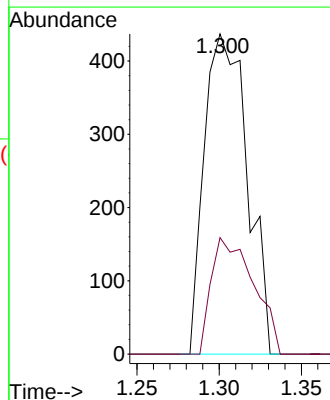
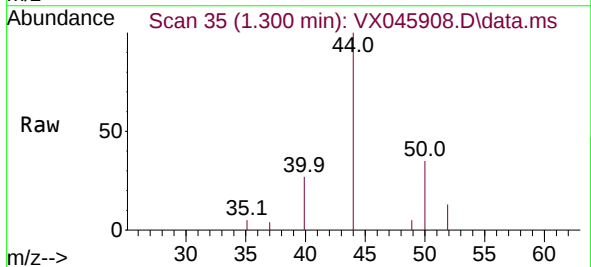
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

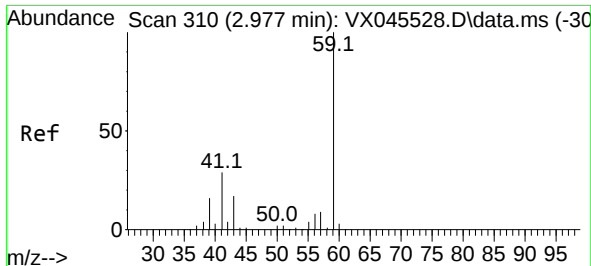
Tgt Ion:168 Resp: 67417
Ion Ratio Lower Upper
168 100
99 69.7 52.3 78.5



#3
Chloromethane
Concen: 0.768 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion: 50 Resp: 795
Ion Ratio Lower Upper
50 100
52 36.4 25.9 38.9





#11

Tert butyl alcohol

Concen: 1.901 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.024 min

Lab File: VX045908.D

Acq: 23 Apr 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

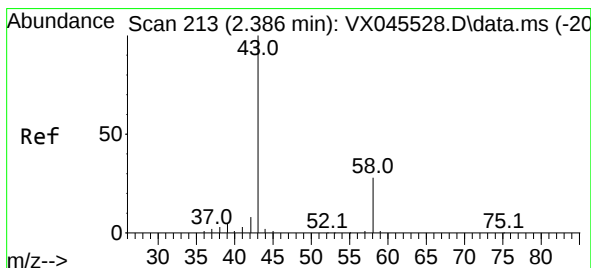
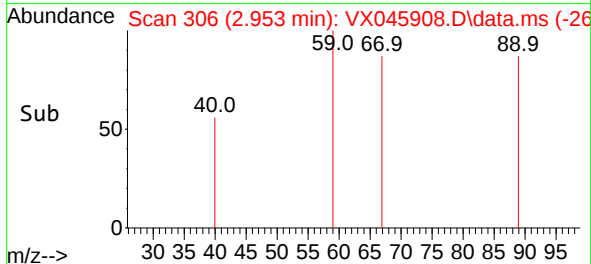
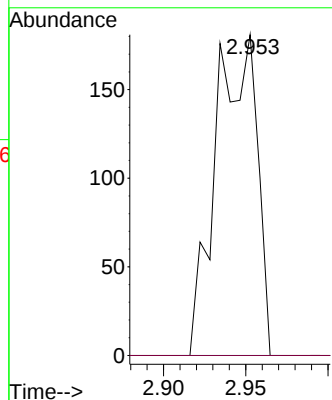
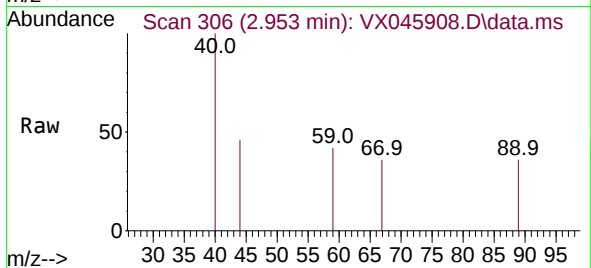
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 59 Resp: 315

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 2.116 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045908.D

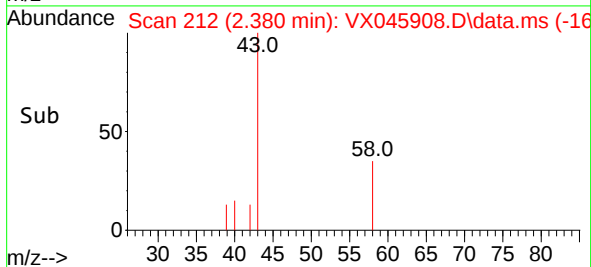
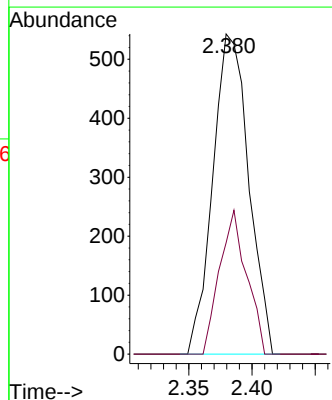
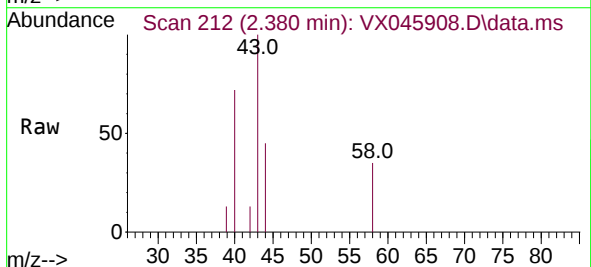
Acq: 23 Apr 2025 13:27

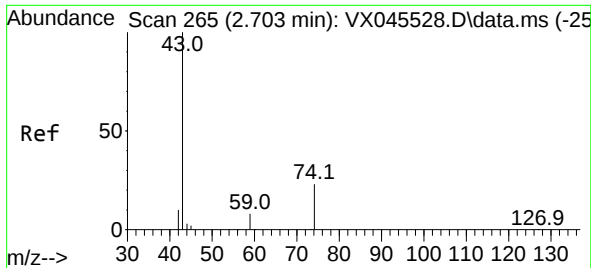
Tgt Ion: 43 Resp: 1071

Ion Ratio Lower Upper

43 100

58 34.8 22.3 33.5#

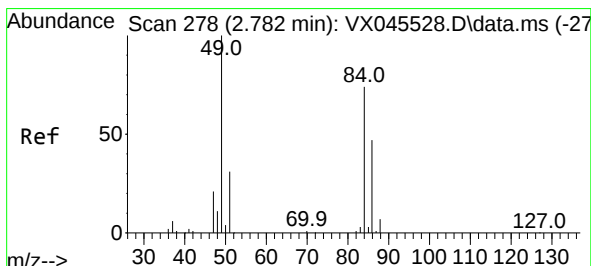
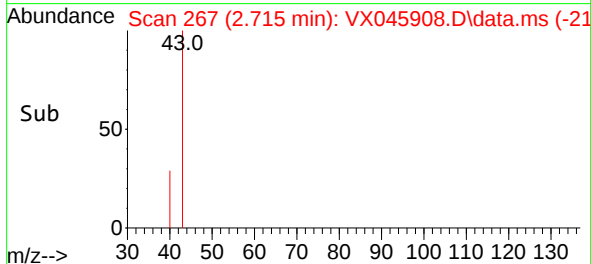
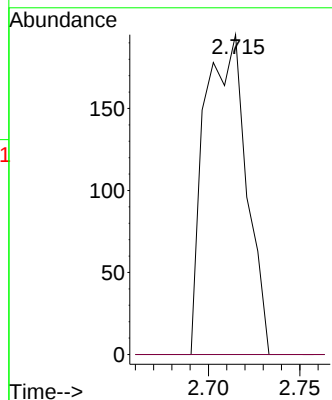
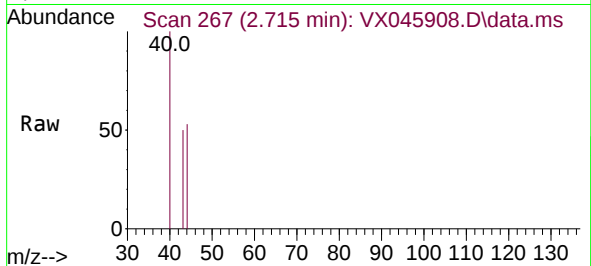




#18
Methyl Acetate
Concen: 0.265 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

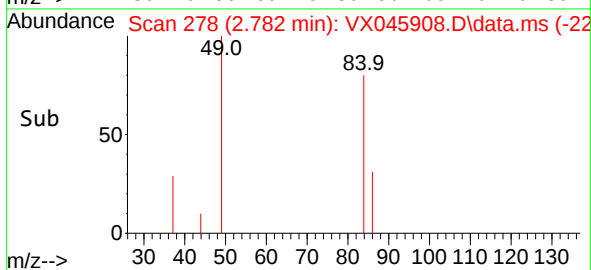
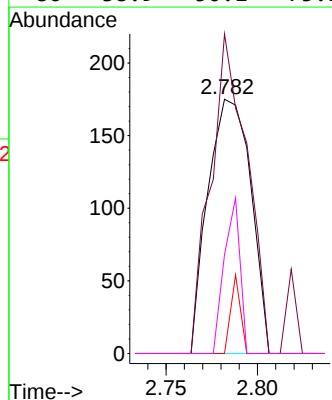
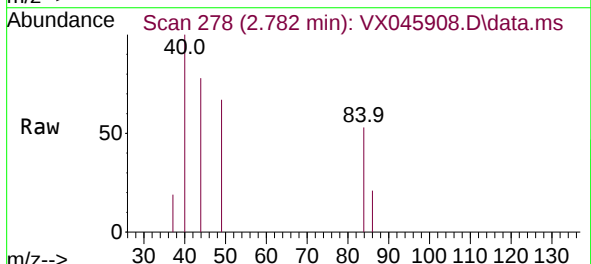
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

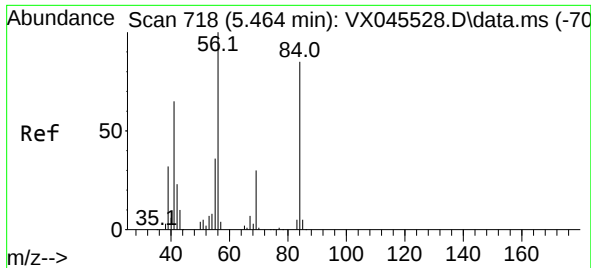
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion: 84 Resp: 286
Ion Ratio Lower Upper
84 100
49 125.7 107.5 161.3
51 0.0 33.0 49.6#
86 38.9 50.1 75.1#

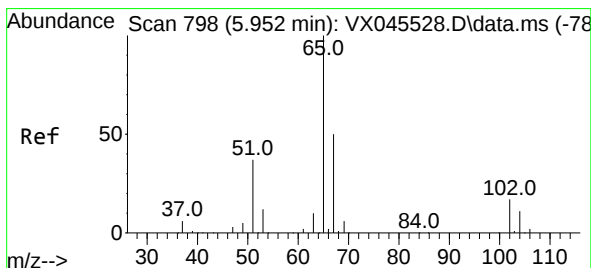
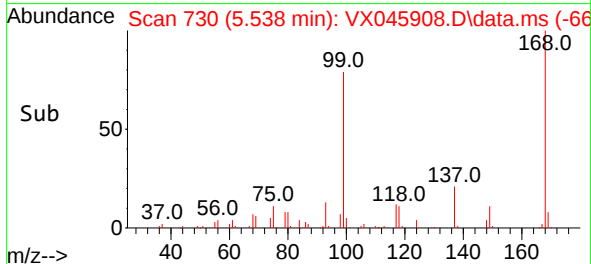
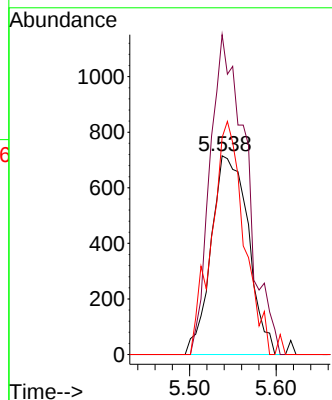
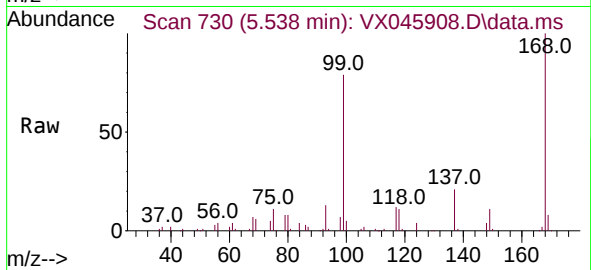




#31
Cyclohexane
Concen: 1.408 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

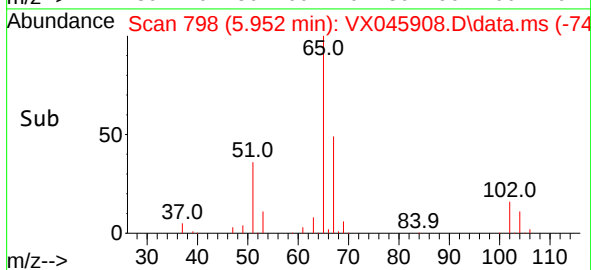
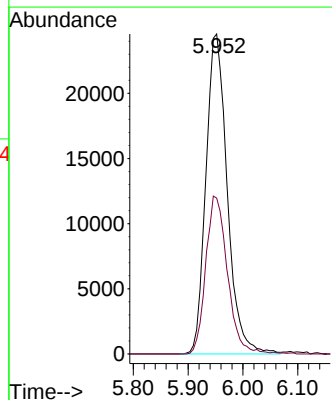
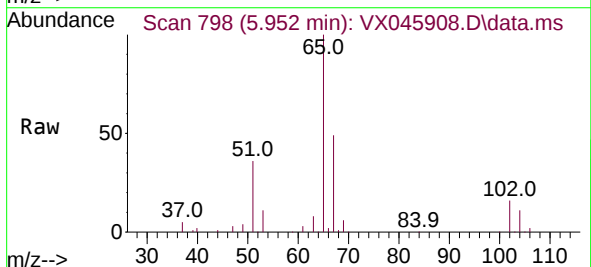
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

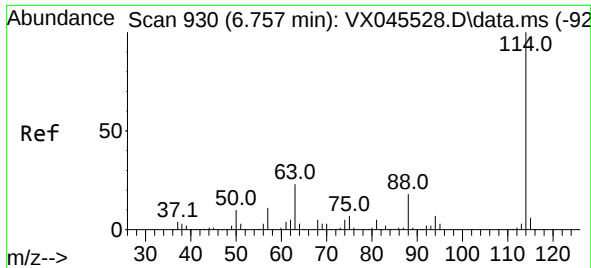
Tgt Ion: 56 Resp: 2129
Ion Ratio Lower Upper
56 100
69 161.0 23.6 35.4#
84 109.2 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 53.872 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion: 65 Resp: 66418
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0

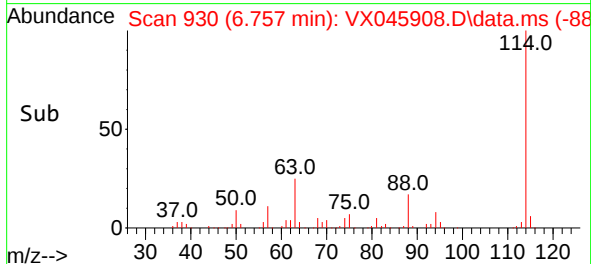
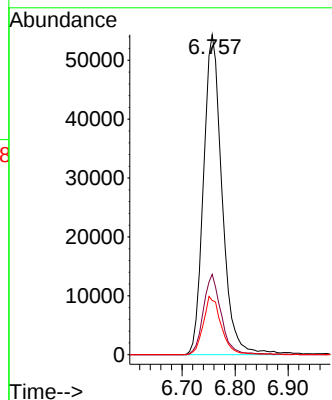
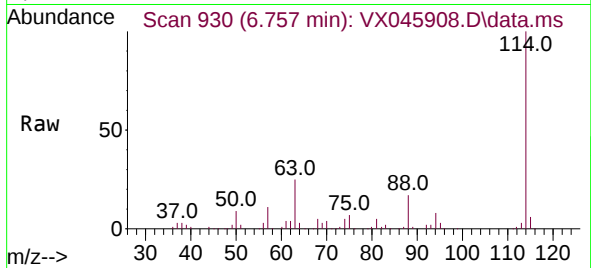




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

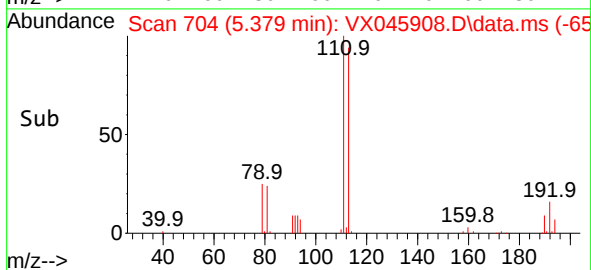
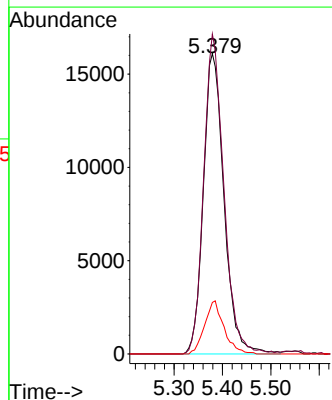
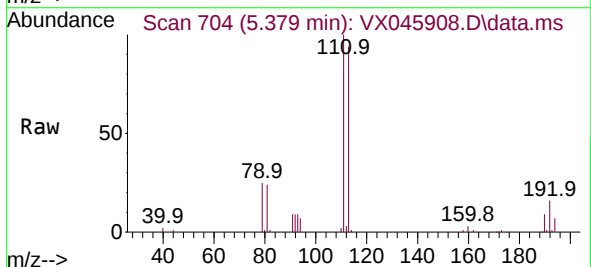
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STORAGE-BLANK-SAMPLE-MANAGEMENT

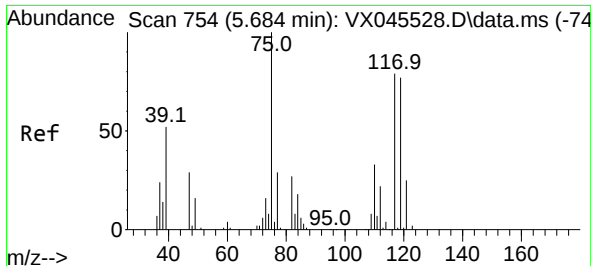
Tgt Ion:114 Resp: 132215
Ion Ratio Lower Upper
114 100
63 25.1 0.0 46.8
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.983 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion:113 Resp: 47825
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 16.5 13.8 20.6

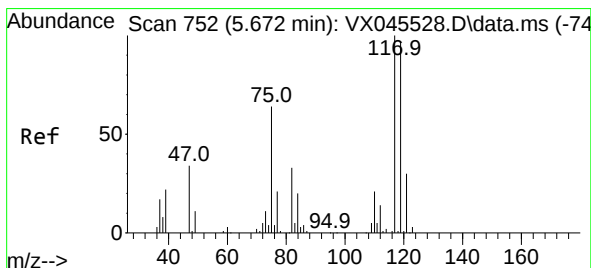
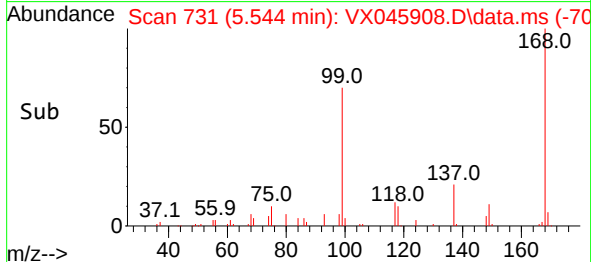
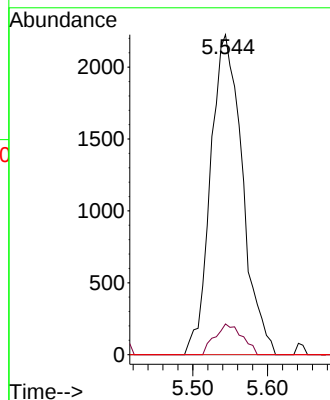
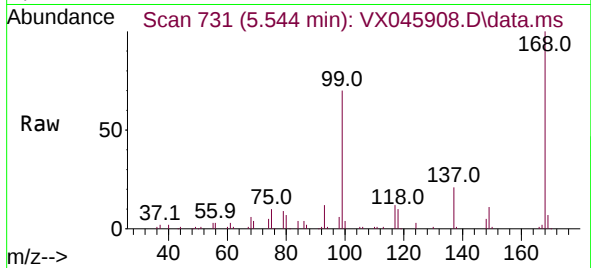




#36
1,1-Dichloropropene
Concen: 5.196 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

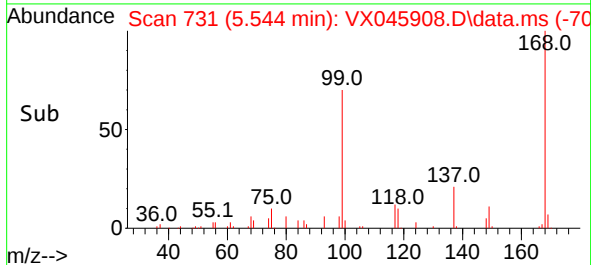
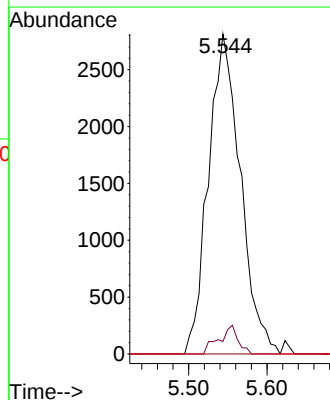
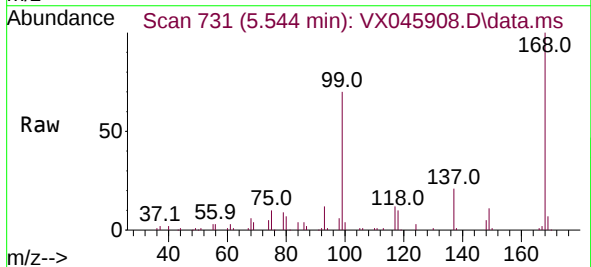
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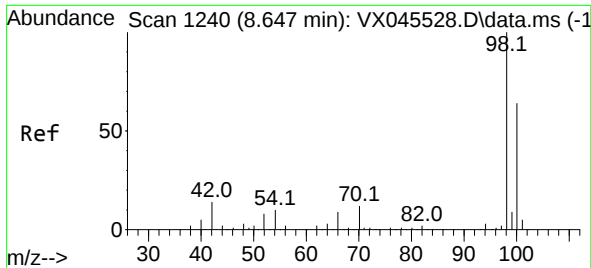
Tgt Ion: 75 Resp: 6581
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion: 117 Resp: 7994
Ion Ratio Lower Upper
117 100
119 3.9 76.9 115.3#
121 0.0 24.2 36.2#

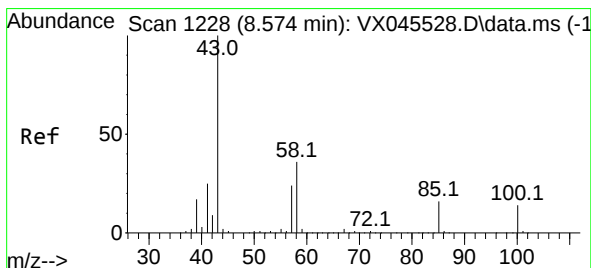
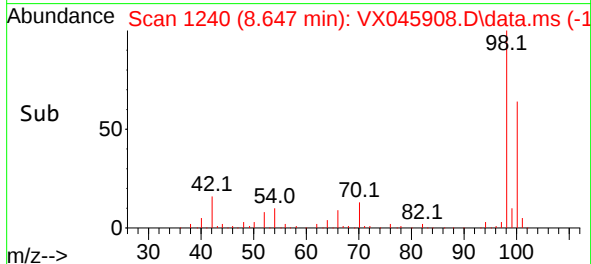
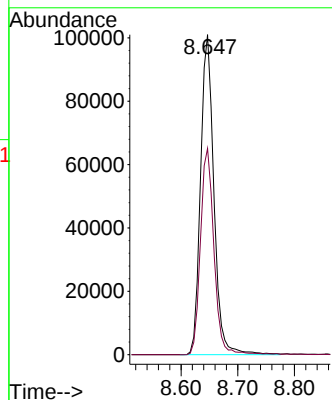
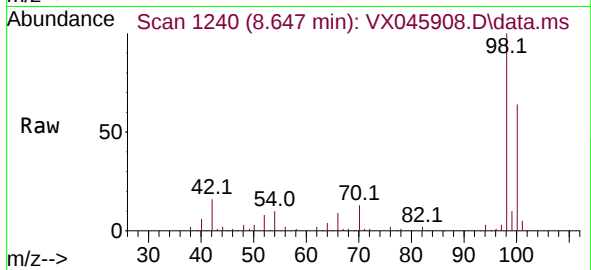




#50
Toluene-d8
Concen: 50.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

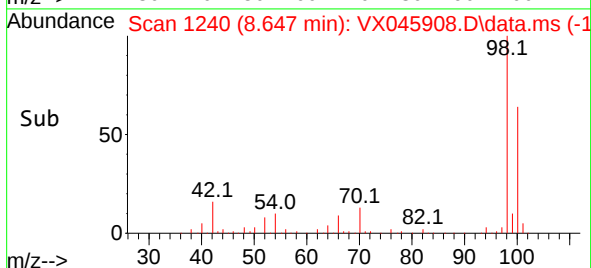
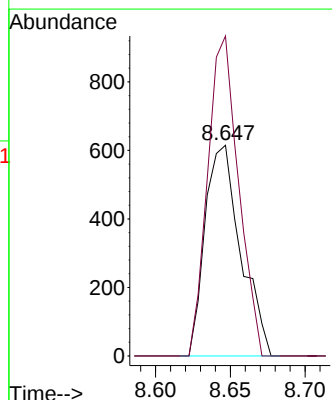
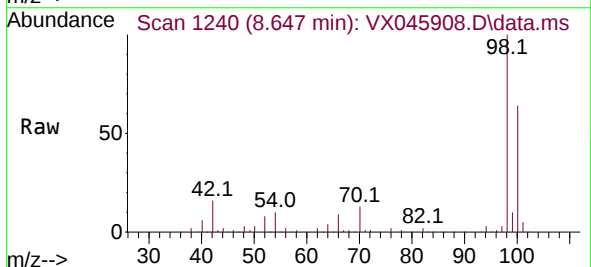
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

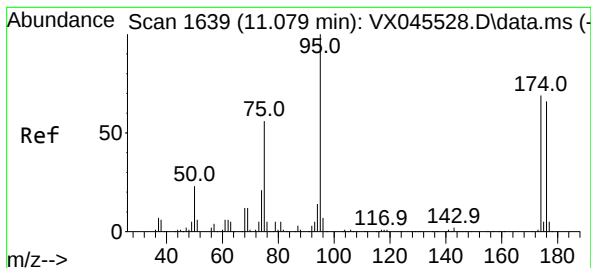
Tgt Ion: 98 Resp: 165334
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.636 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
58 131.0 28.5 42.7#

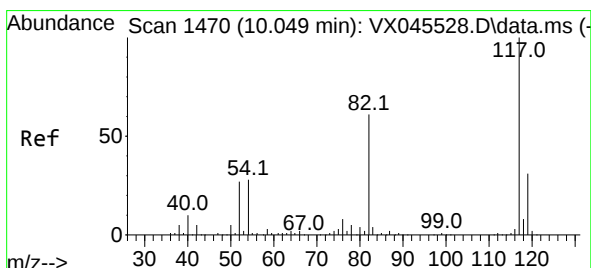
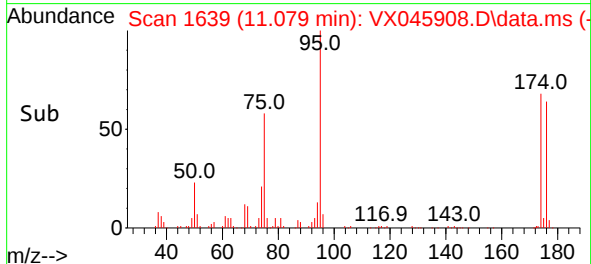
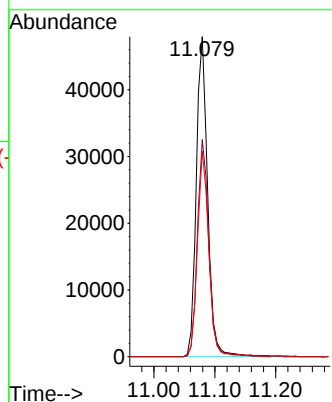
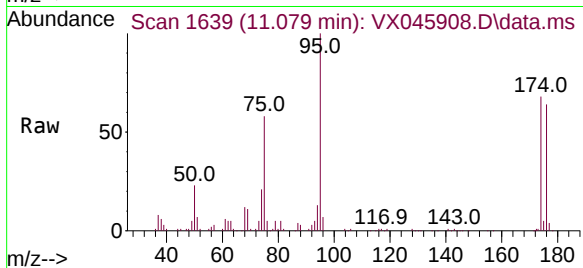




#62
4-Bromofluorobenzene
Concen: 52.017 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

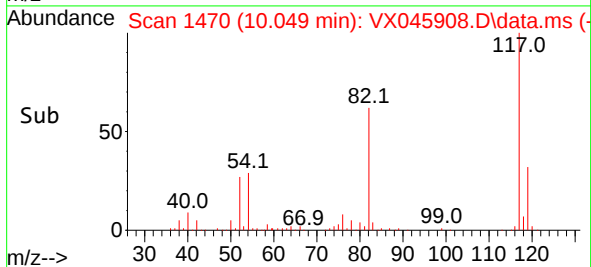
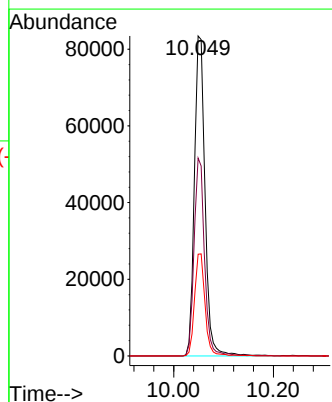
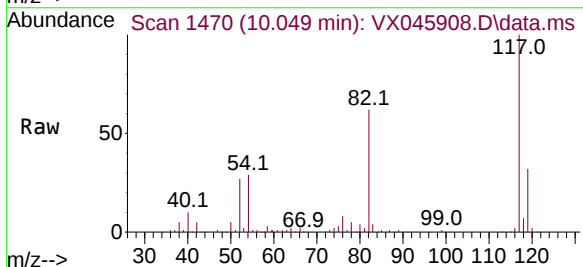
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

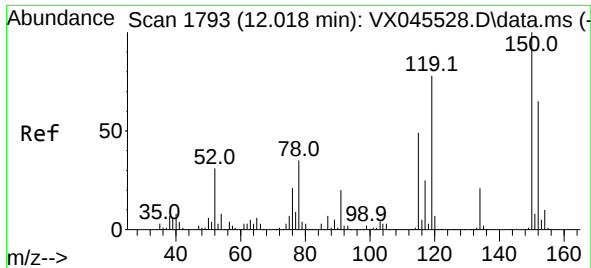
Tgt Ion: 95 Resp: 62037
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 64.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion: 117 Resp: 123647
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 31.8 25.1 37.7

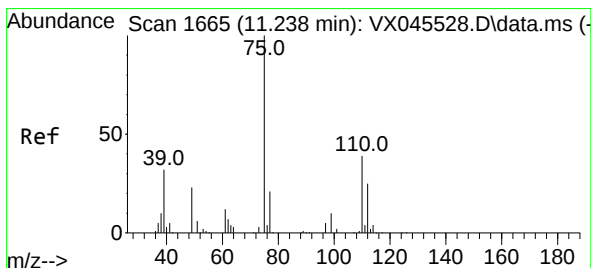
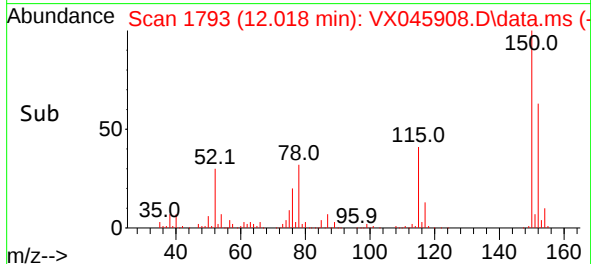
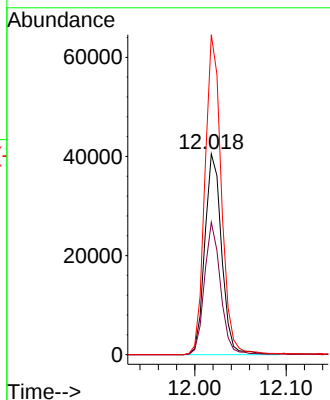
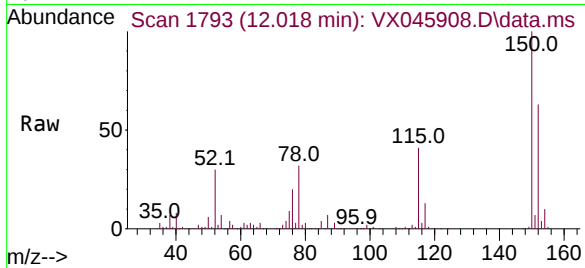




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045908.D
 Acq: 23 Apr 2025 13:27

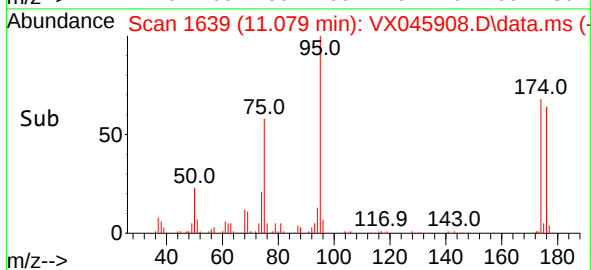
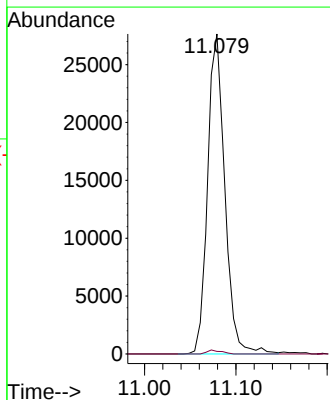
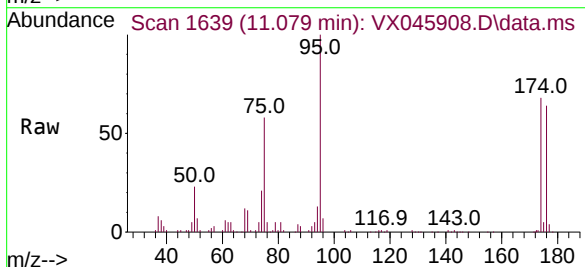
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

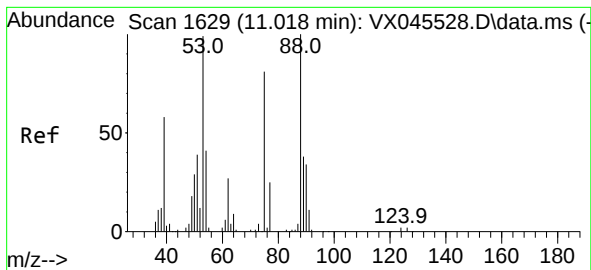
Tgt Ion:152 Resp: 51694
 Ion Ratio Lower Upper
 152 100
 115 63.5 46.9 140.7
 150 155.9 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.760 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045908.D
 Acq: 23 Apr 2025 13:27

Tgt Ion: 75 Resp: 36264
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.606 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045908.D
 Acq: 23 Apr 2025 13:27

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

Tgt Ion: 75 Resp: 36264
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

