

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045630.D
 Acq On : 07 Apr 2025 15:45
 Operator : JC/MD
 Sample : Q1746-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2025-4-7

Quant Time: Apr 08 01:36:33 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)

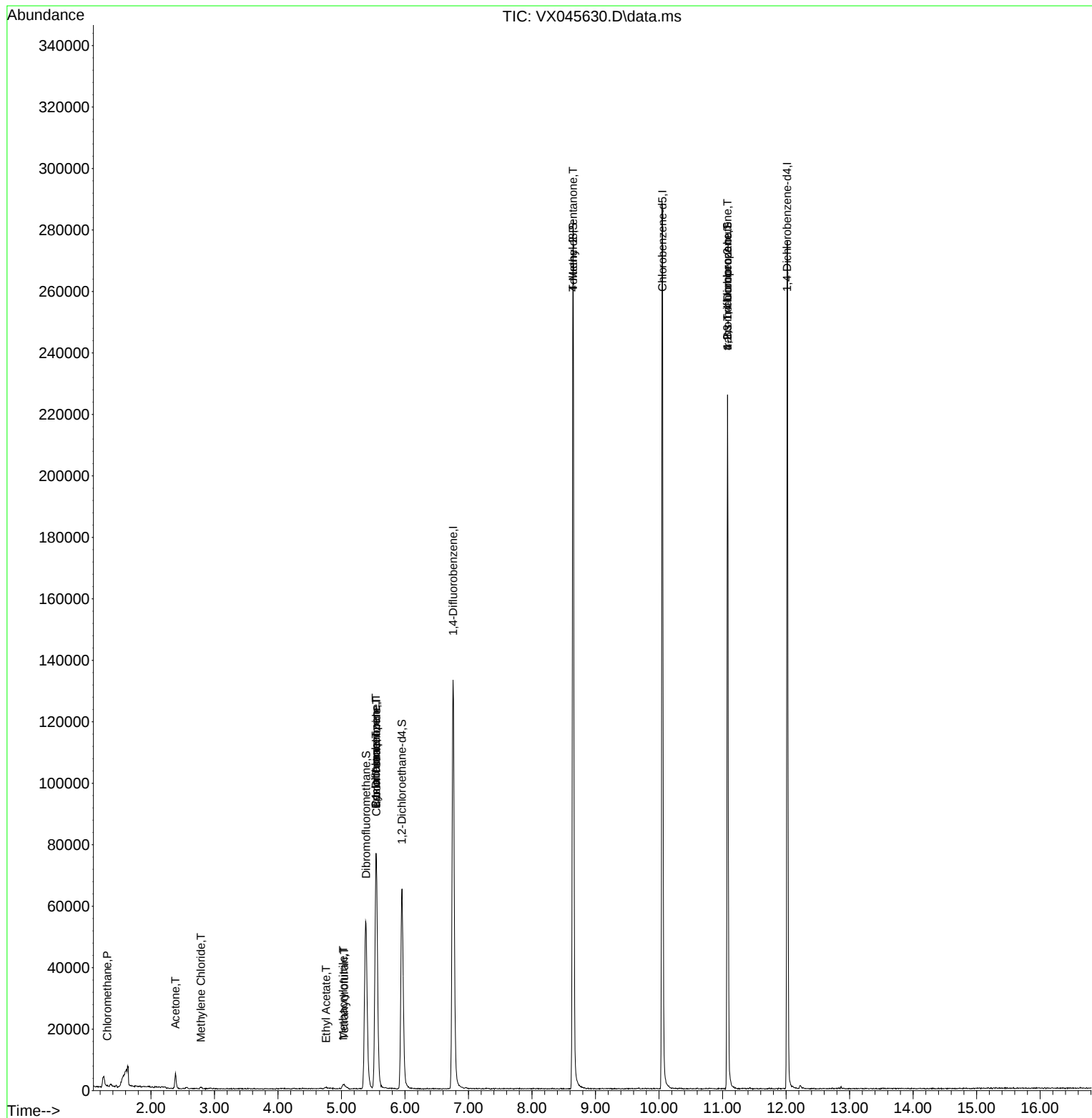
Internal Standards						
1) Pentafluorobenzene	5.543	168	64948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65187	54.884	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.760%	
35) Dibromofluoromethane	5.385	113	47588	53.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.380%	
50) Toluene-d8	8.647	98	162252	51.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	11.079	95	60090	52.831	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	464	0.465	ug/l #	82
16) Acetone	2.386	43	5150	10.559	ug/l	98
20) Methylene Chloride	2.788	84	318	0.348	ug/l #	70
29) Tetrahydrofuran	5.044	42	1522	3.288	ug/l #	35
31) Cyclohexane	5.543	56	2011	1.380	ug/l #	56
36) 1,1-Dichloropropene	5.543	75	6483	5.367	ug/l #	49
37) Ethyl Acetate	4.757	43	1227	0.806	ug/l #	74
38) Carbon Tetrachloride	5.550	117	7662	5.869	ug/l #	14
41) Methacrylonitrile	5.025	41	471	0.586	ug/l #	32
51) 4-Methyl-2-Pentanone	8.647	43	941	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34693	28.270	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34693	95.945	ug/l #	1

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

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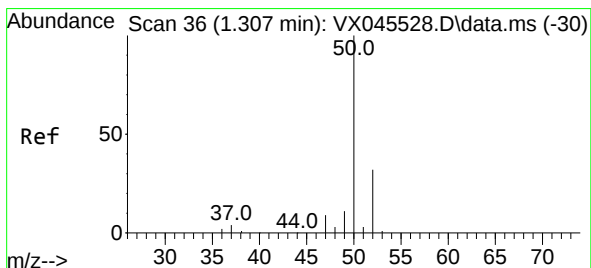
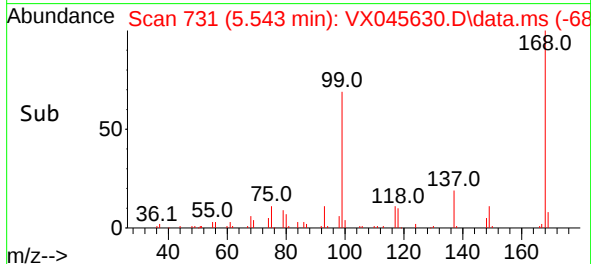
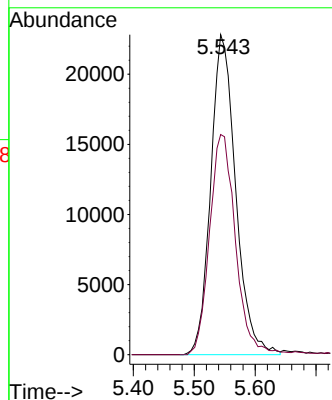
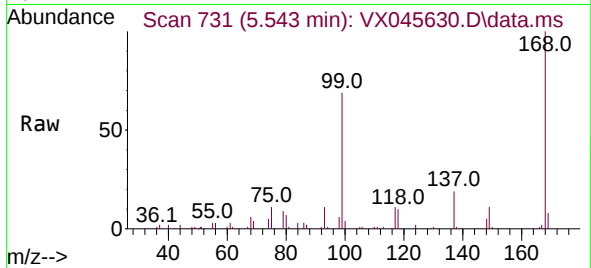




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

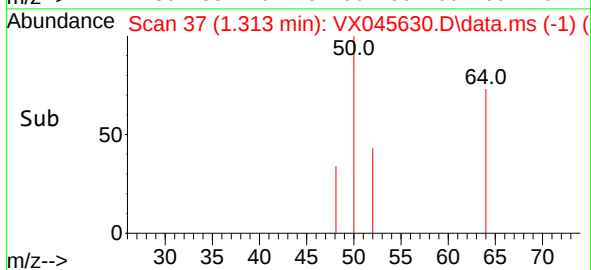
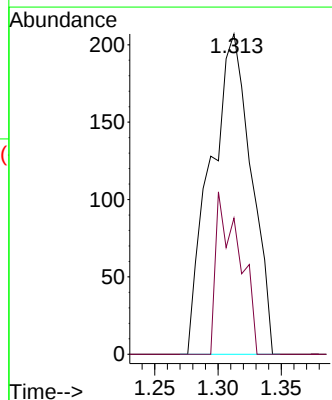
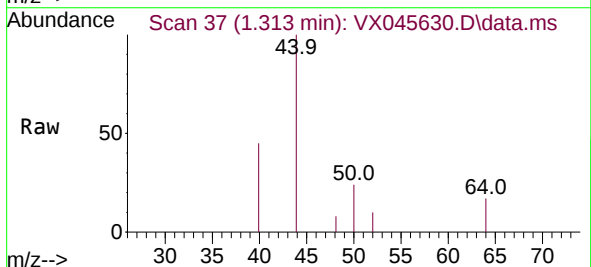
Instrument :
MSVOA_X
ClientSampleId :
EB-2025-4-7

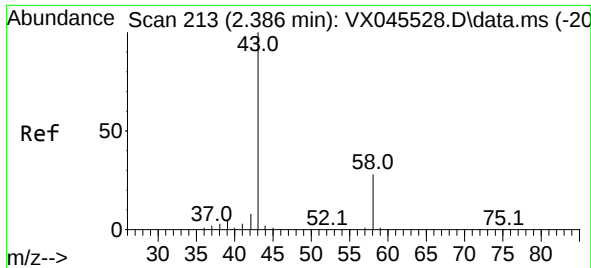
Tgt Ion:168 Resp: 64948
Ion Ratio Lower Upper
168 100
99 68.8 52.3 78.5



#3
Chloromethane
Concen: 0.465 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

Tgt Ion: 50 Resp: 464
Ion Ratio Lower Upper
50 100
52 42.5 25.9 38.9#

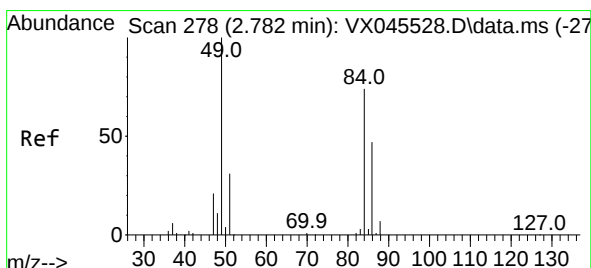
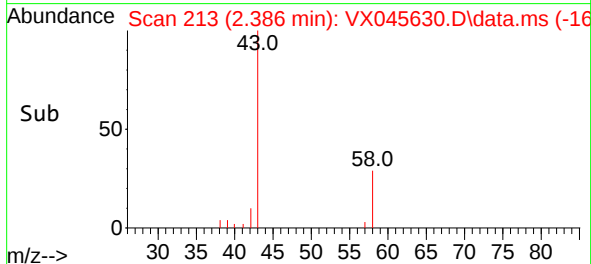
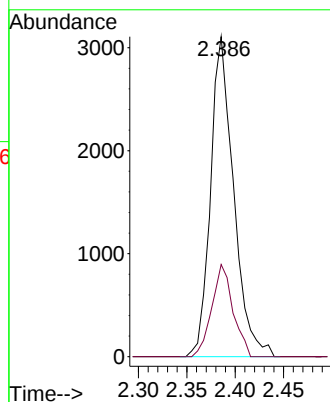
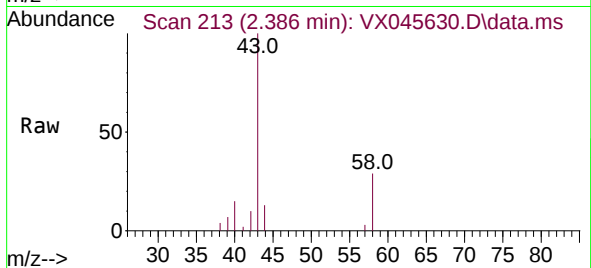




#16
Acetone
Concen: 10.559 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

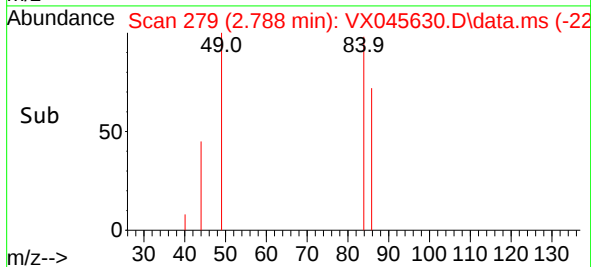
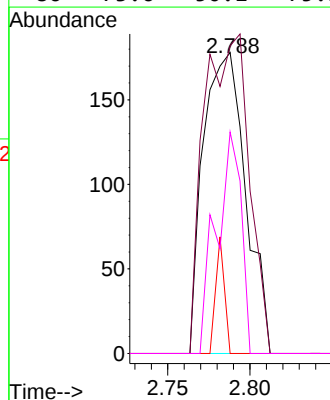
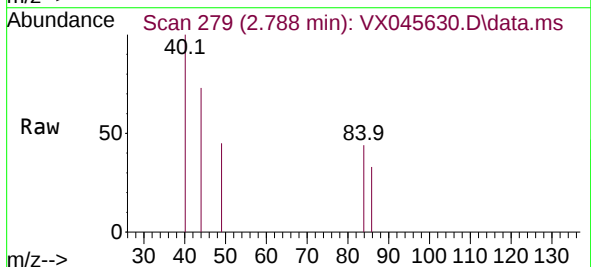
Instrument :
MSVOA_X
ClientSampleId :
EB-2025-4-7

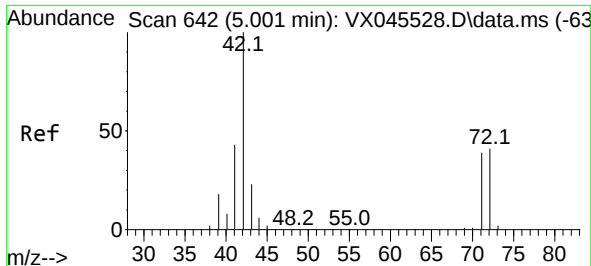
Tgt Ion: 43 Resp: 5150
Ion Ratio Lower Upper
43 100
58 28.8 22.3 33.5



#20
Methylene Chloride
Concen: 0.348 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

Tgt Ion: 84 Resp: 318
Ion Ratio Lower Upper
84 100
49 102.2 107.5 161.3#
51 0.0 33.0 49.6#
86 73.6 50.1 75.1





#29

Tetrahydrofuran

Concen: 3.288 ug/l

RT: 5.044 min Scan# 642

Delta R.T. 0.042 min

Lab File: VX045630.D

Acq: 07 Apr 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

EB-2025-4-7

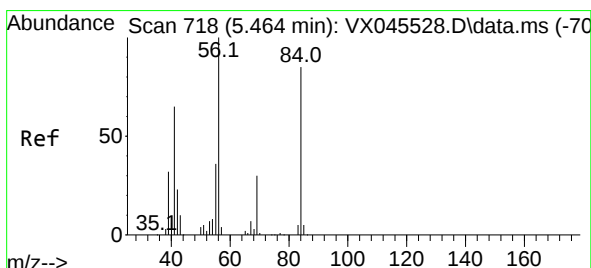
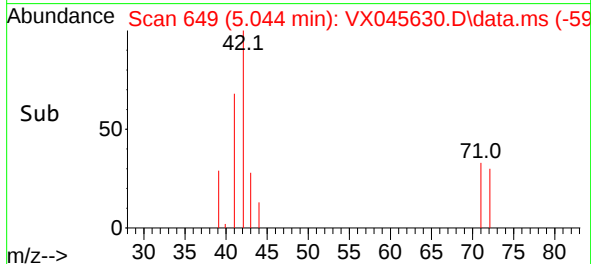
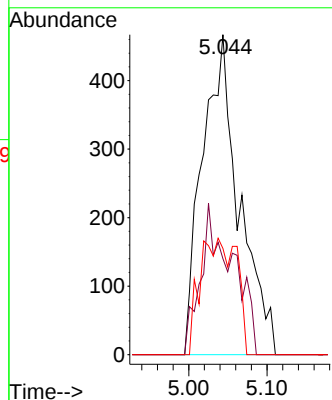
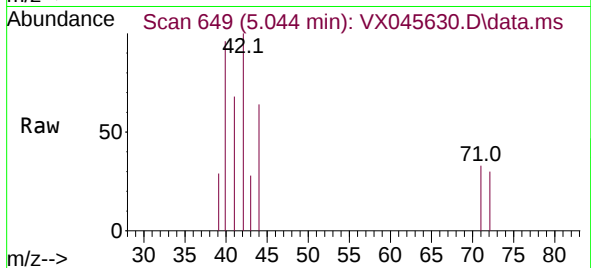
Tgt Ion: 42 Resp: 1522

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

71 0.0 31.4 47.0#



#31

Cyclohexane

Concen: 1.380 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045630.D

Acq: 07 Apr 2025 15:45

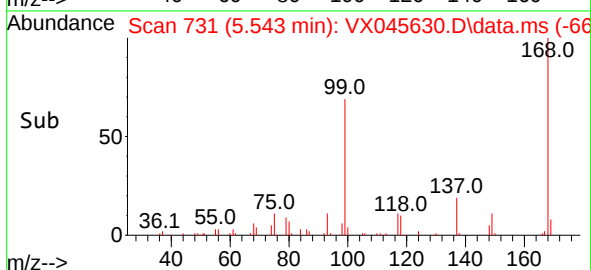
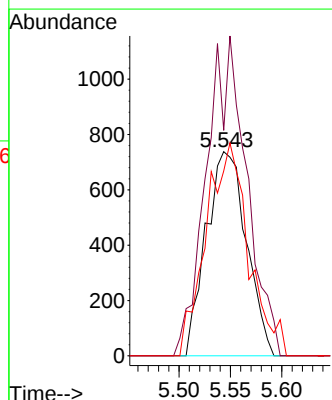
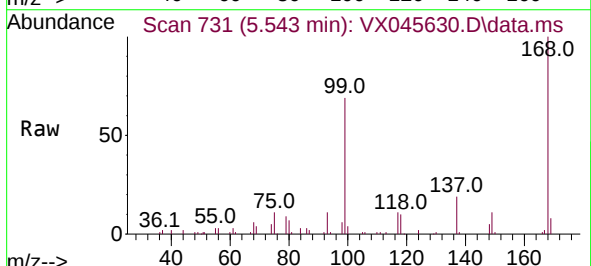
Tgt Ion: 56 Resp: 2011

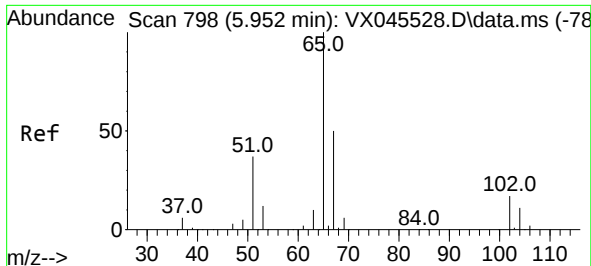
Ion Ratio Lower Upper

56 100

69 110.4 23.6 35.4#

84 90.5 67.7 101.5

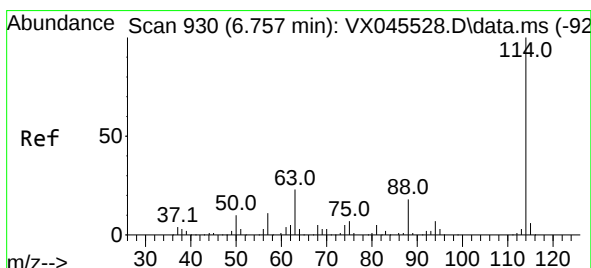
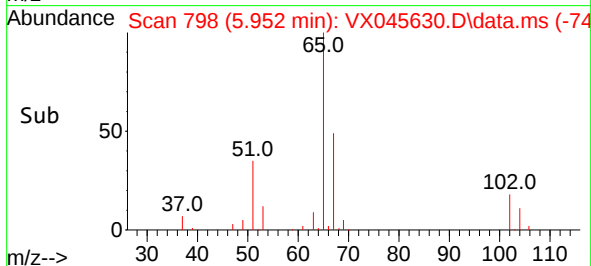
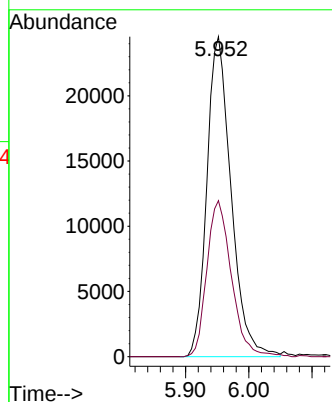
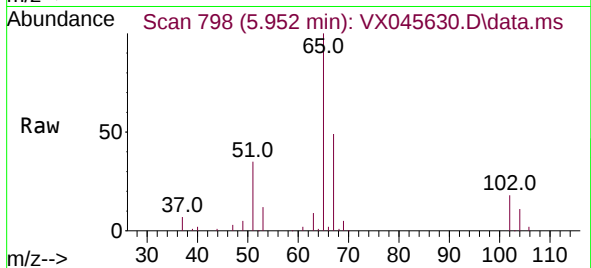




#33
 1,2-Dichloroethane-d4
 Concen: 54.884 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045630.D
 Acq: 07 Apr 2025 15:45

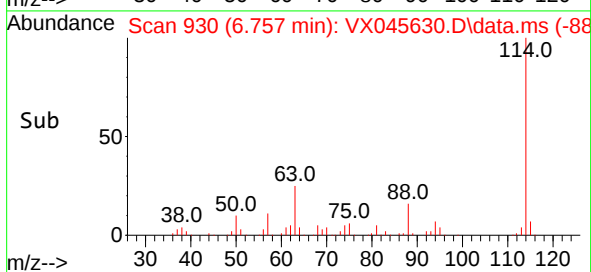
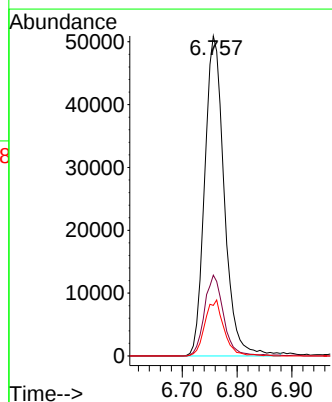
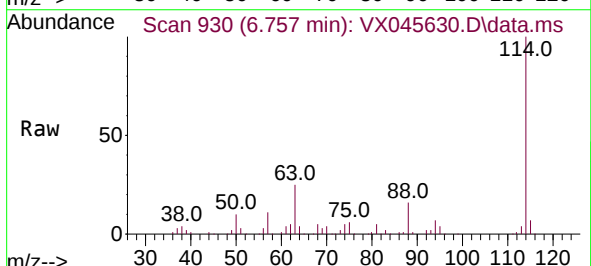
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 EB-2025-4-7

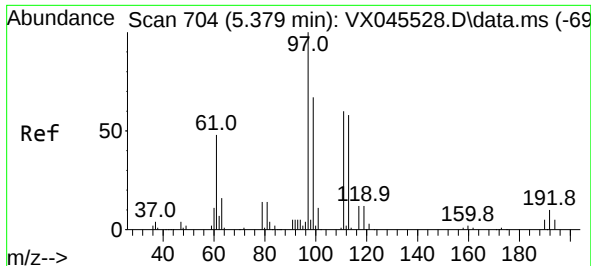
Tgt Ion: 65 Resp: 65187
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045630.D
 Acq: 07 Apr 2025 15:45

Tgt Ion: 114 Resp: 126092
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 46.8
 88 15.8 0.0 35.4

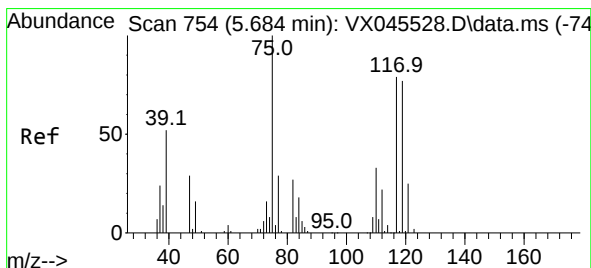
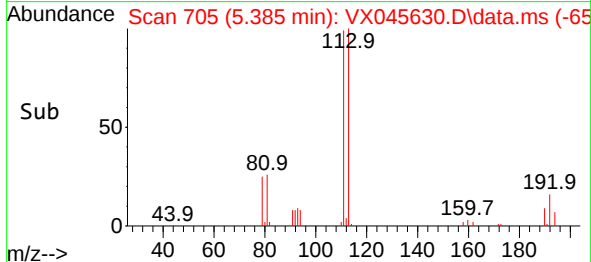
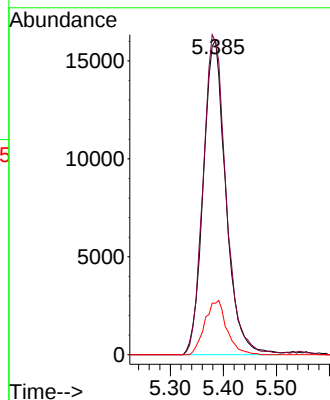
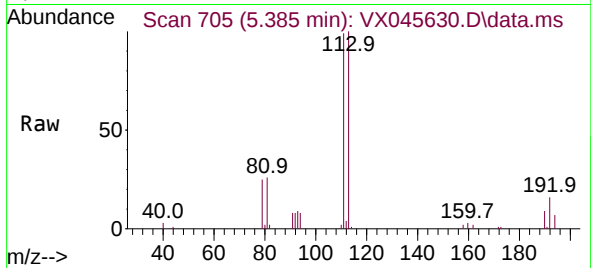




#35
 Dibromofluoromethane
 Concen: 53.193 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX045630.D
 Acq: 07 Apr 2025 15:45

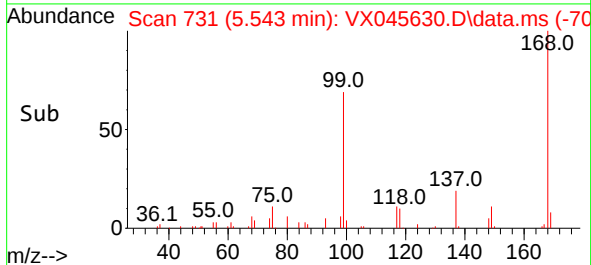
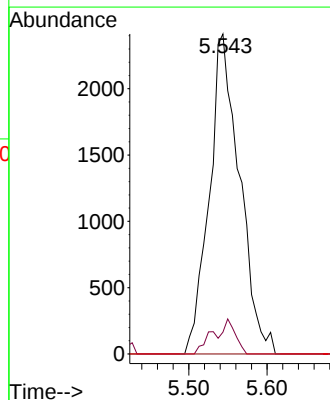
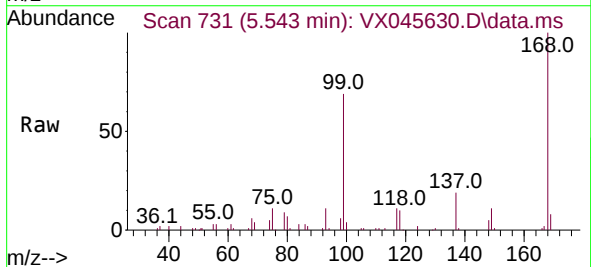
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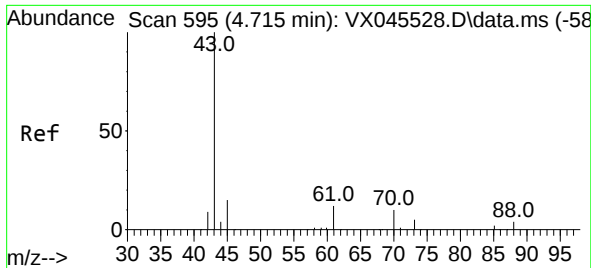
Tgt Ion:113 Resp: 47588
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.6
 192 16.7 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 5.367 ug/l
 RT: 5.543 min Scan# 731
 Delta R.T. -0.140 min
 Lab File: VX045630.D
 Acq: 07 Apr 2025 15:45

Tgt Ion: 75 Resp: 6483
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.9 50.6#
 77 0.0 25.0 37.4#

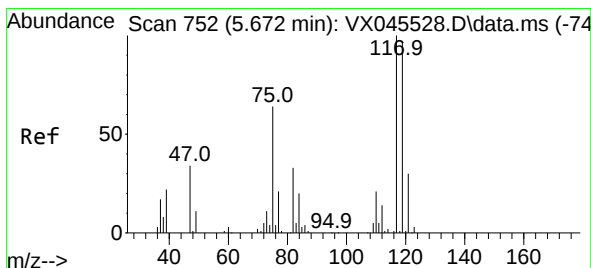
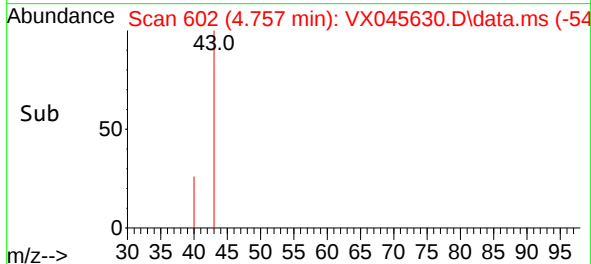
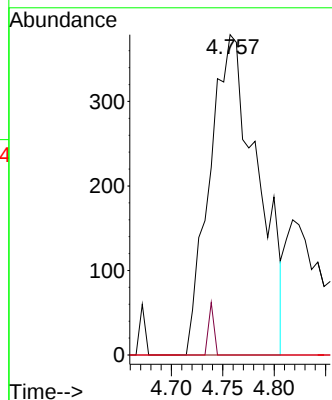
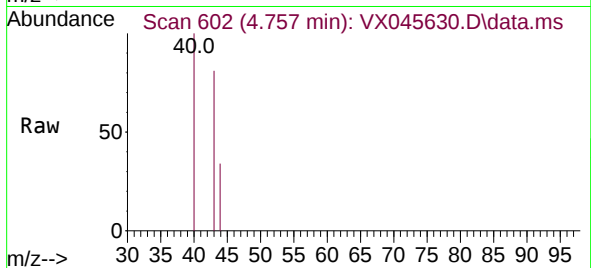




#37
Ethyl Acetate
Concen: 0.806 ug/l
RT: 4.757 min Scan# 602
Delta R.T. 0.042 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

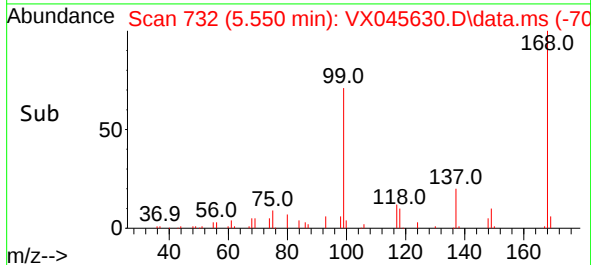
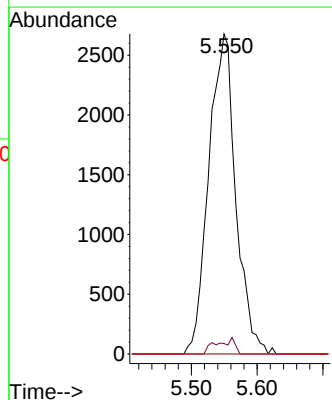
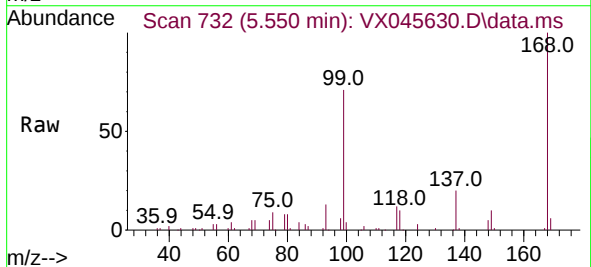
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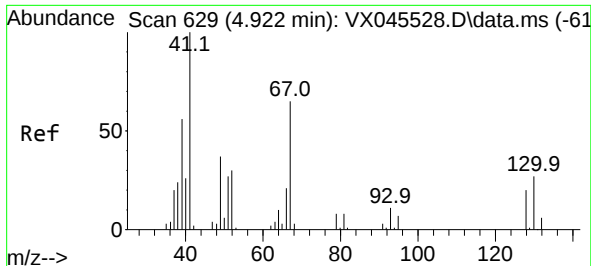
Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
61 1.9 9.9 14.9#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

Tgt Ion: 117 Resp: 7662
Ion Ratio Lower Upper
117 100
119 3.2 76.9 115.3#
121 0.0 24.2 36.2#

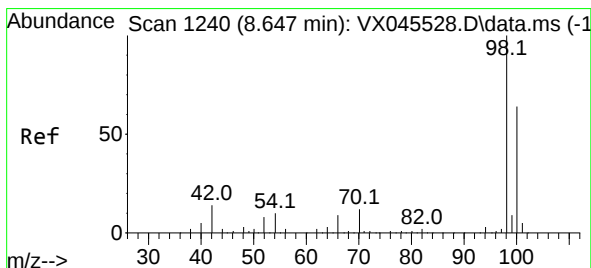
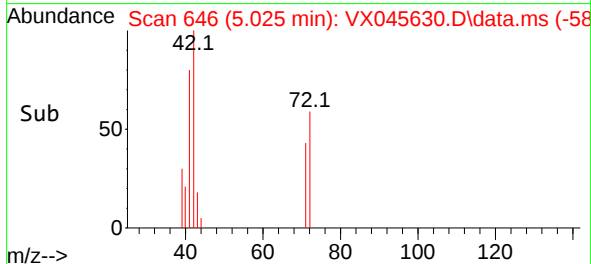
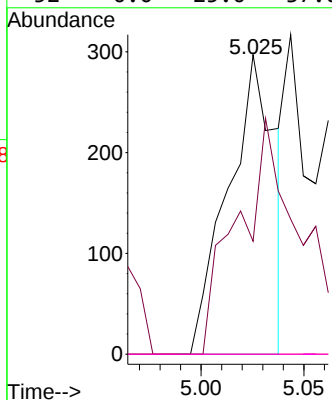
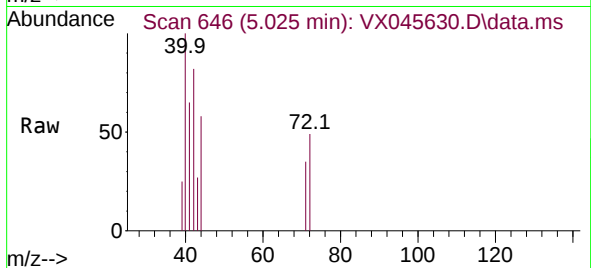




#41
Methacrylonitrile
Concen: 0.586 ug/l
RT: 5.025 min Scan# 641
Delta R.T. 0.103 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

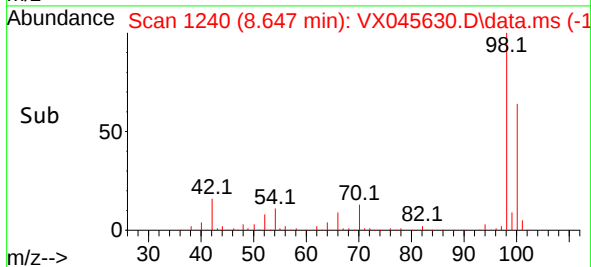
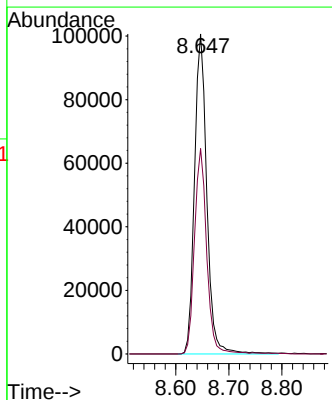
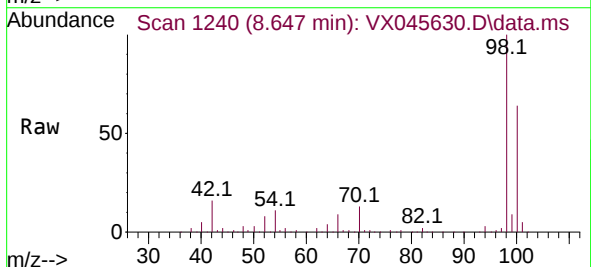
Instrument :
MSVOA_X
ClientSampleId :
EB-2025-4-7

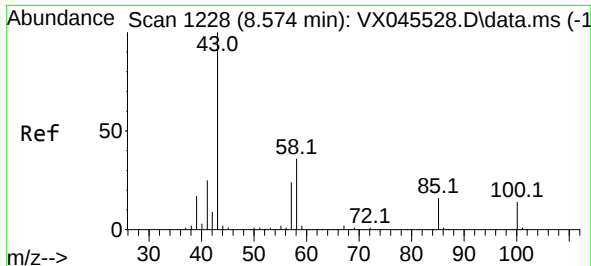
Tgt Ion: 41	Resp: 471
Ion Ratio	Lower Upper
41 100	
39 101.5	47.0 70.6#
67 0.0	53.2 79.8#
52 0.0	25.0 37.6#



#50
Toluene-d8
Concen: 51.961 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

Tgt Ion: 98	Resp: 162252
Ion Ratio	Lower Upper
98 100	
100 63.5	52.2 78.4

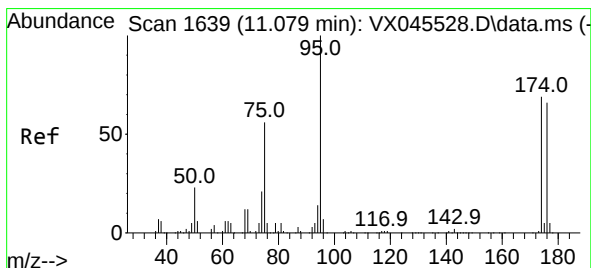
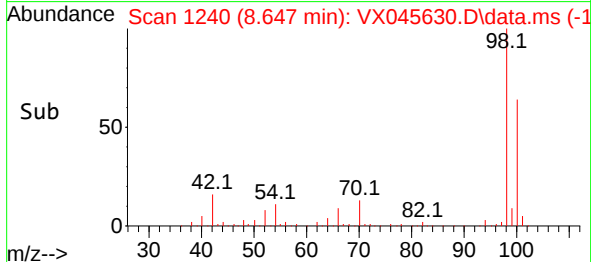
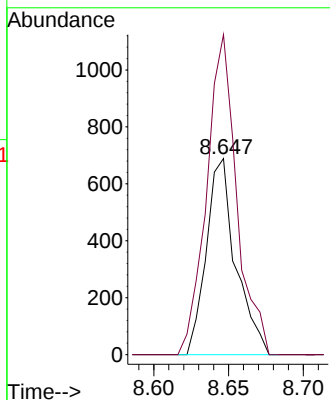
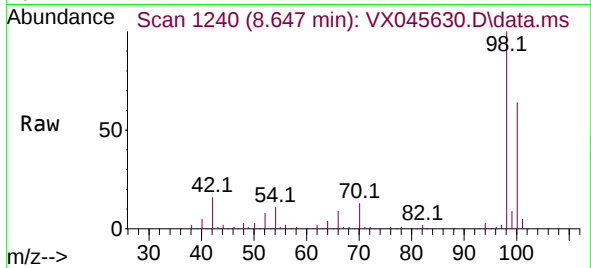




#51
4-Methyl-2-Pentanone
Concen: 0.615 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

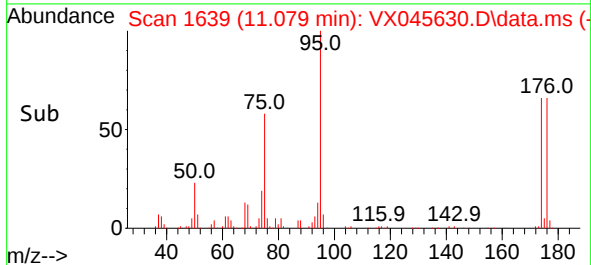
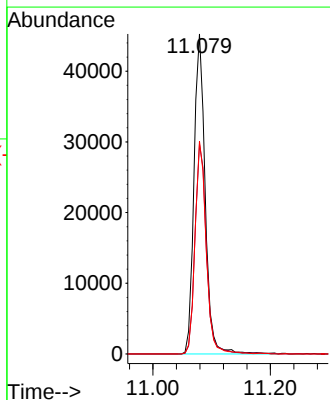
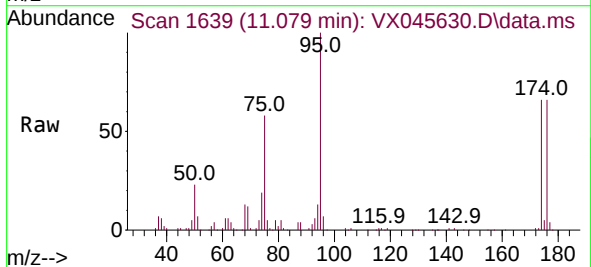
Instrument :
MSVOA_X
ClientSampleId :
EB-2025-4-7

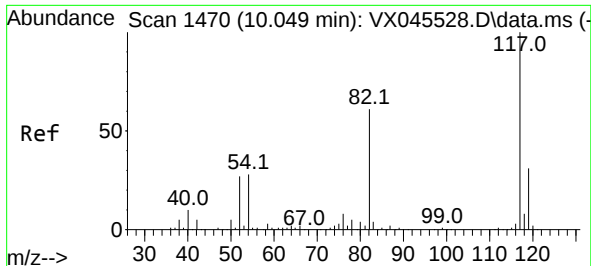
Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 167.3 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 52.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

Tgt Ion: 95 Resp: 60090
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 66.1 0.0 131.4

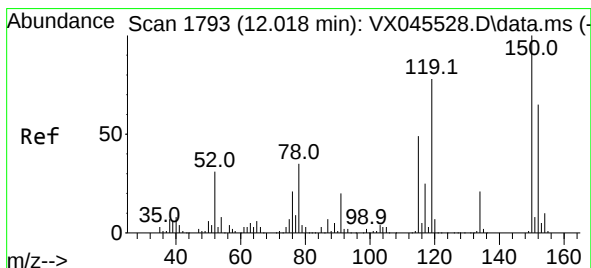
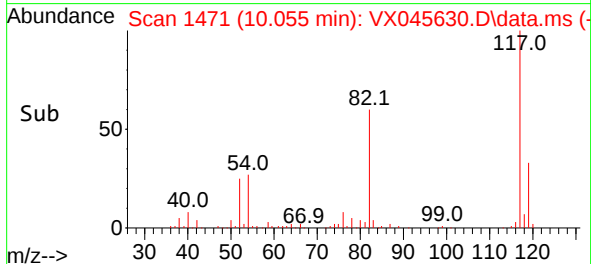
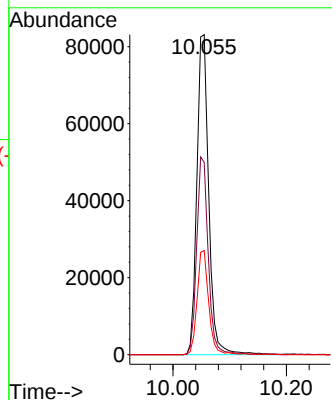
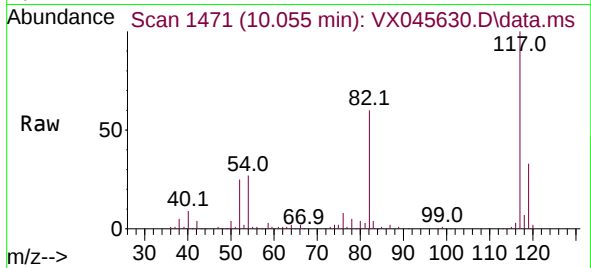




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

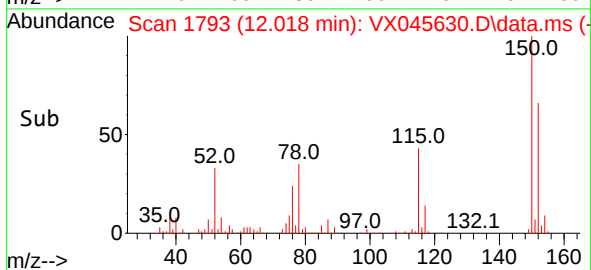
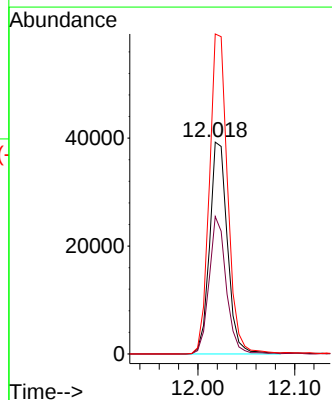
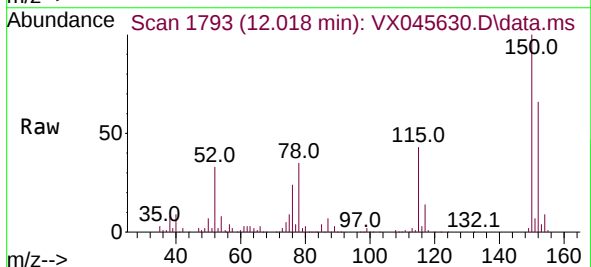
Instrument :
MSVOA_X
ClientSampleId :
EB-2025-4-7

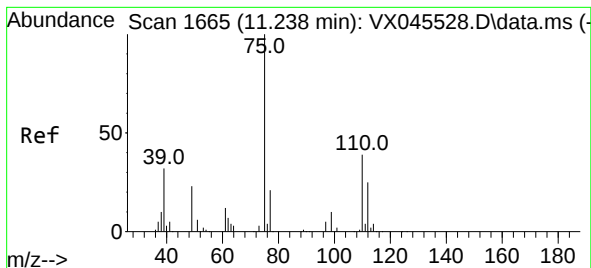
Tgt Ion:117 Resp: 120677
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045630.D
Acq: 07 Apr 2025 15:45

Tgt Ion:152 Resp: 50311
Ion Ratio Lower Upper
152 100
115 62.4 46.9 140.7
150 155.3 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.270 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX045630.D

Acq: 07 Apr 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

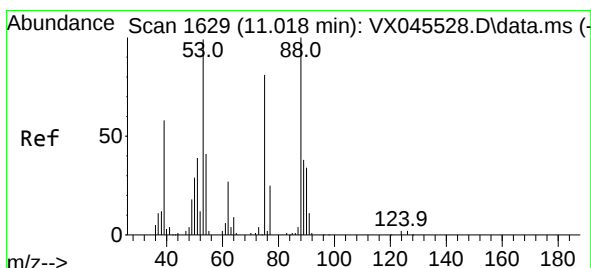
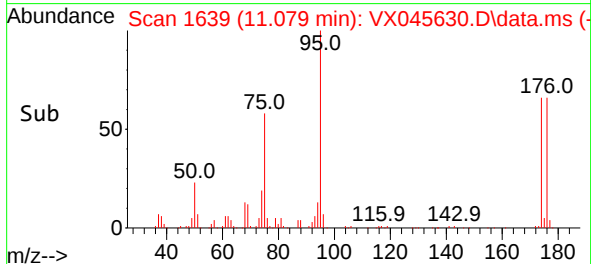
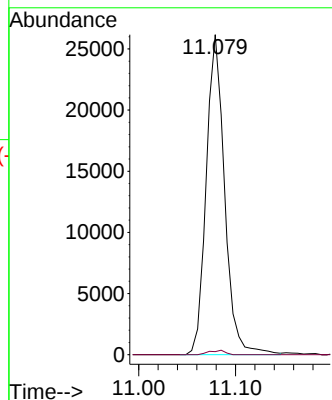
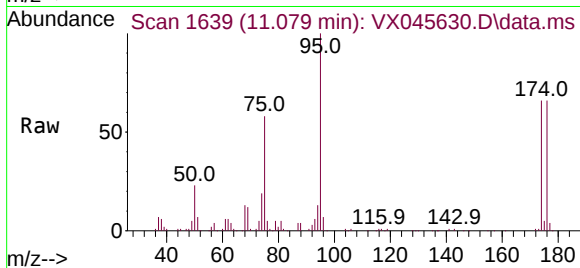
EB-2025-4-7

Tgt Ion: 75 Resp: 34693

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.945 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045630.D

Acq: 07 Apr 2025 15:45

Tgt Ion: 75 Resp: 34693

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

