

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045572.D
 Acq On : 03 Apr 2025 15:37
 Operator : JC/MD
 Sample : Q1711-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-040225

Quant Time: Apr 04 01:24:01 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)

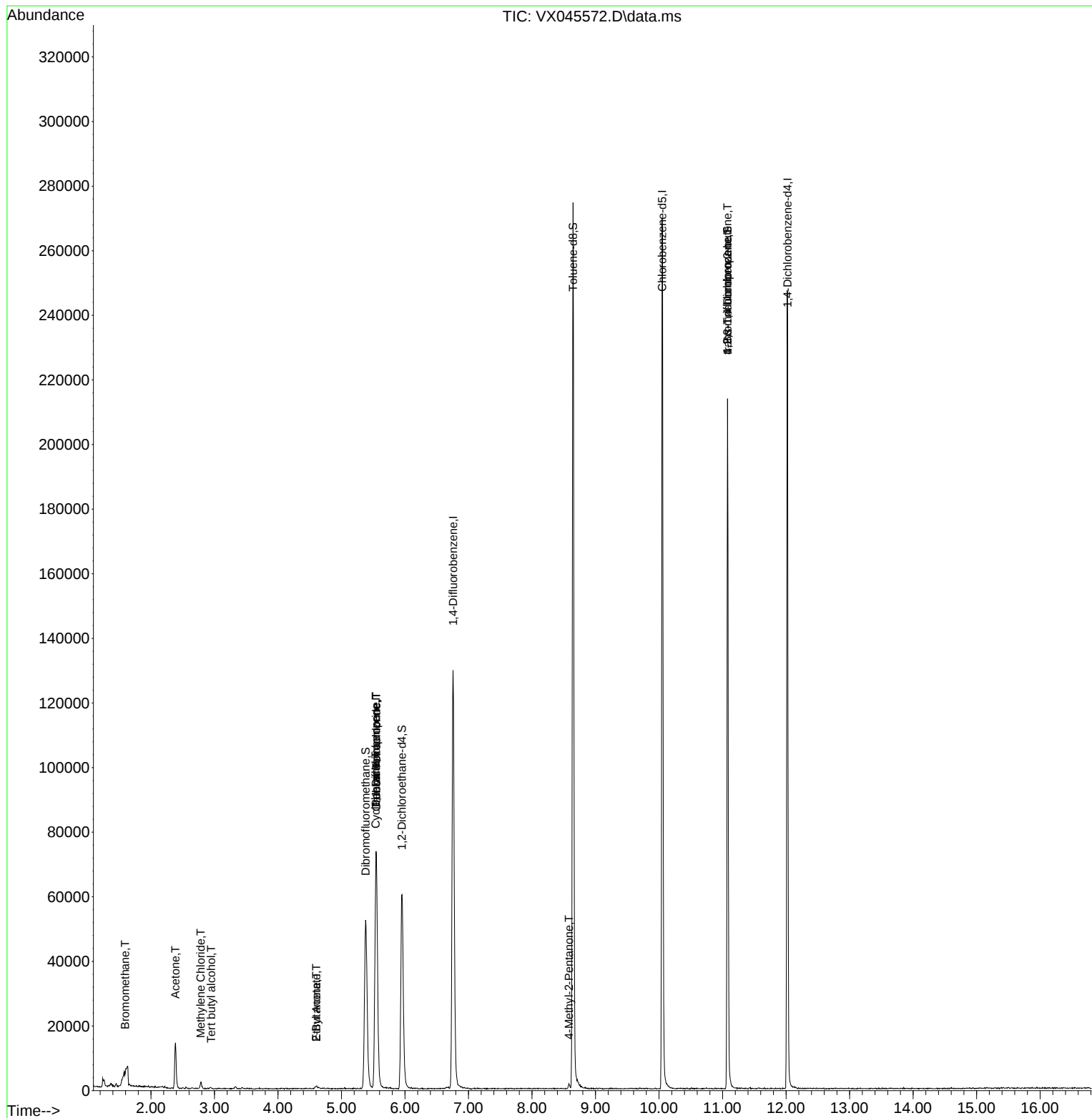
Internal Standards						
1) Pentafluorobenzene	5.543	168	63287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61834	53.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.860%	
35) Dibromofluoromethane	5.379	113	44624	50.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.960%	
50) Toluene-d8	8.646	98	155462	50.882	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	11.079	95	55448	49.822	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.640%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	86	0.204	ug/l #	3
11) Tert butyl alcohol	2.946	59	44	0.283	ug/l #	72
16) Acetone	2.385	43	15475	32.562	ug/l	99
20) Methylene Chloride	2.782	84	895	1.006	ug/l	96
25) 2-Butanone	4.605	43	1945	2.796	ug/l	93
31) Cyclohexane	5.537	56	938	0.661	ug/l #	37
36) 1,1-Dichloropropene	5.543	75	6541	5.534	ug/l #	50
37) Ethyl Acetate	4.605	43	1945	1.306	ug/l #	71
38) Carbon Tetrachloride	5.550	117	7160	5.605	ug/l #	15
51) 4-Methyl-2-Pentanone	8.579	43	1027	0.686	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	32495	28.589	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32495	97.027	ug/l #	1

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

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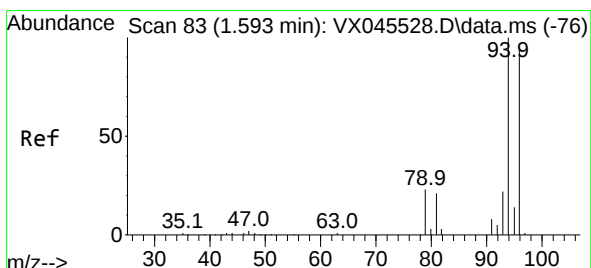
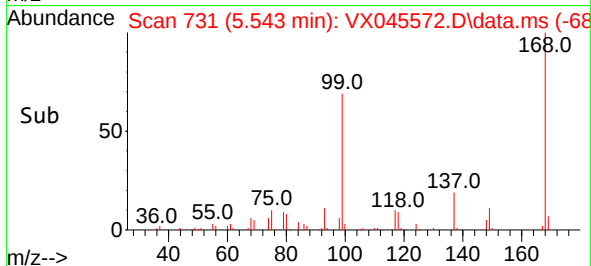
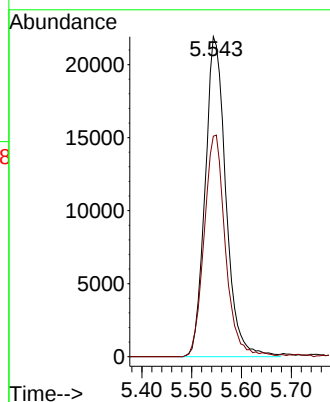
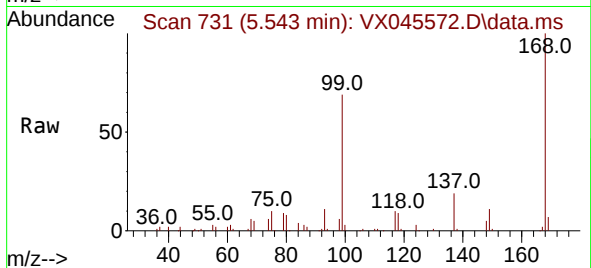




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

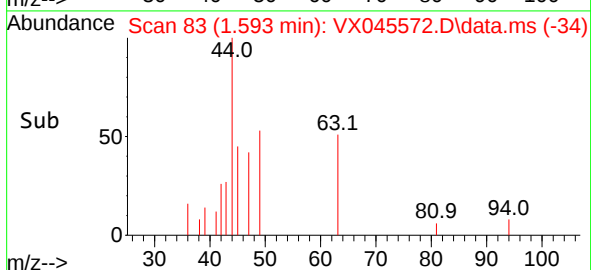
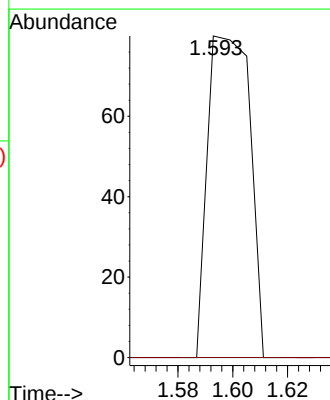
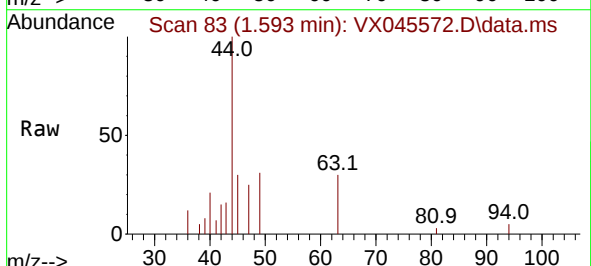
Instrument :
MSVOA_X
ClientSampleId :
EB01-040225

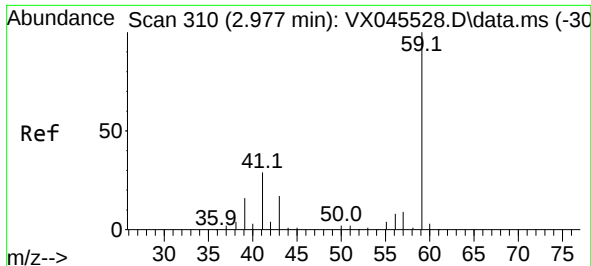
Tgt Ion:168 Resp: 63287
Ion Ratio Lower Upper
168 100
99 68.9 52.3 78.5



#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

Tgt Ion: 94 Resp: 86
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#





#11

Tert butyl alcohol

Concen: 0.283 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.031 min

Lab File: VX045572.D

Acq: 03 Apr 2025 15:37

Instrument :

MSVOA_X

ClientSampleId :

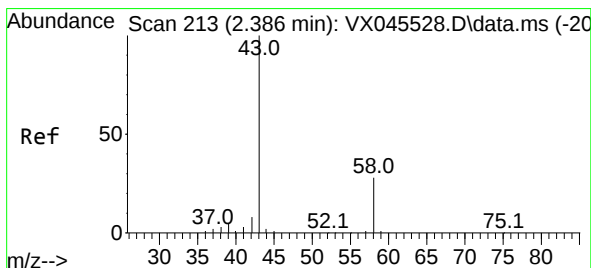
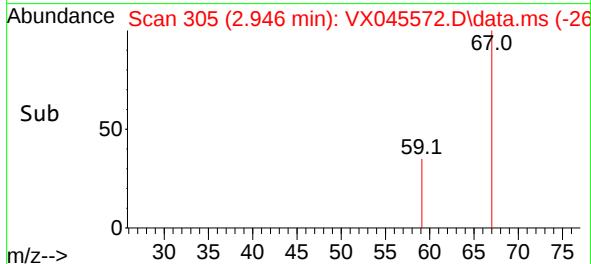
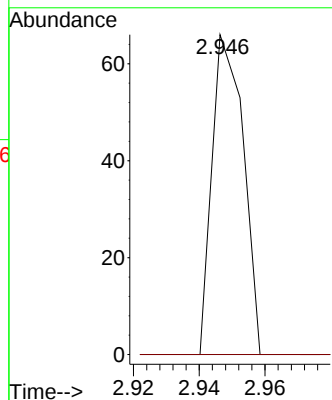
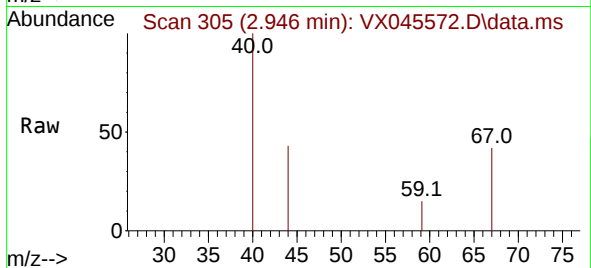
EB01-040225

Tgt Ion: 59 Resp: 44

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 32.562 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045572.D

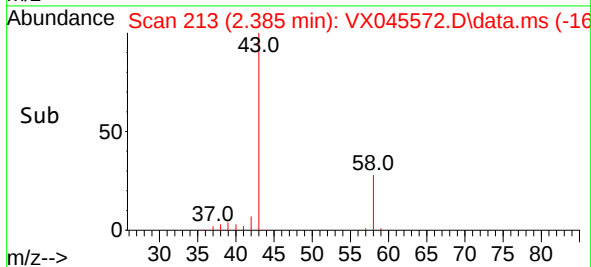
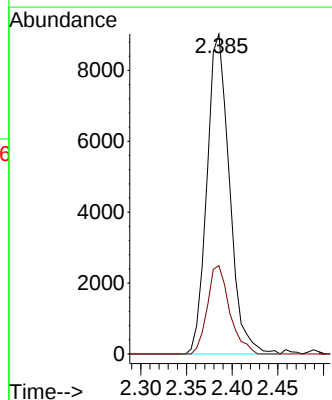
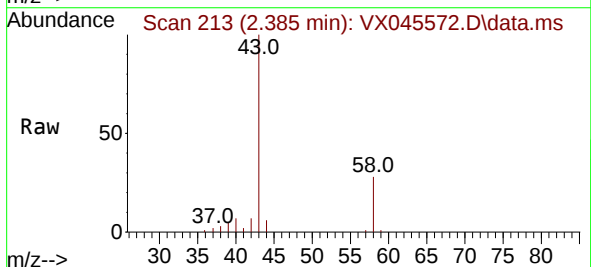
Acq: 03 Apr 2025 15:37

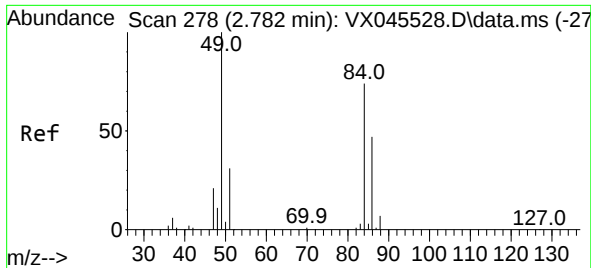
Tgt Ion: 43 Resp: 15475

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5

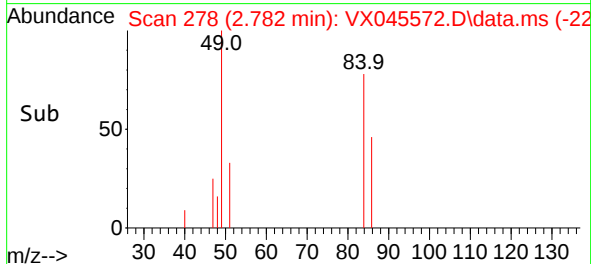
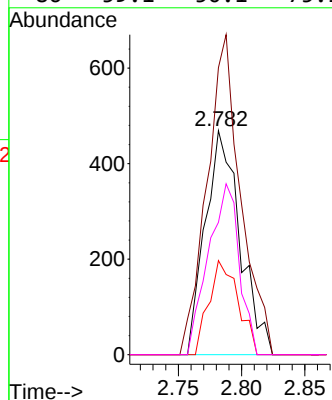
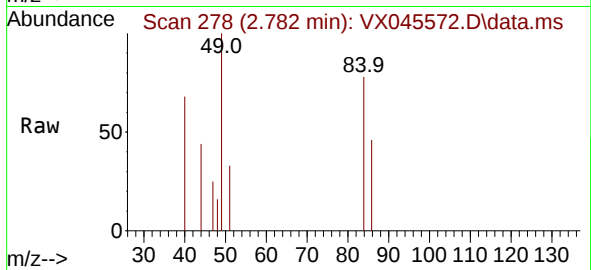




#20
Methylene Chloride
Concen: 1.006 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

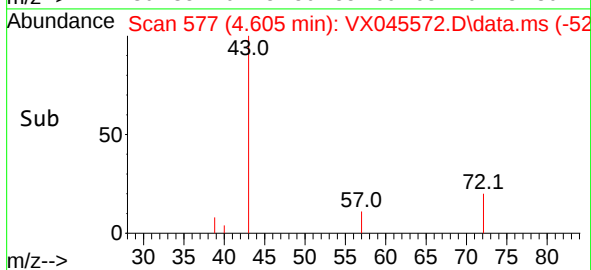
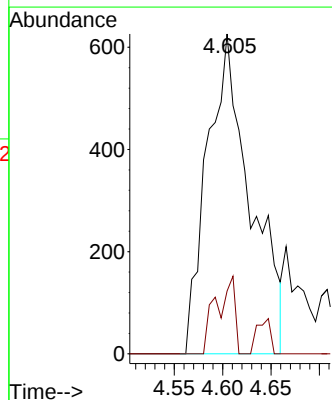
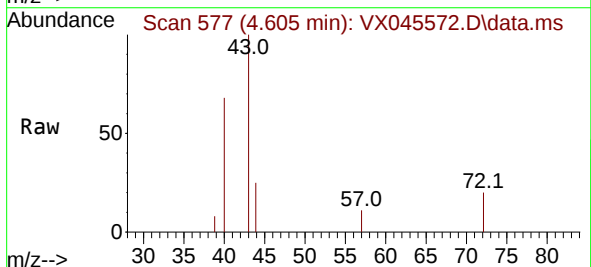
Instrument :
MSVOA_X
ClientSampleId :
EB01-040225

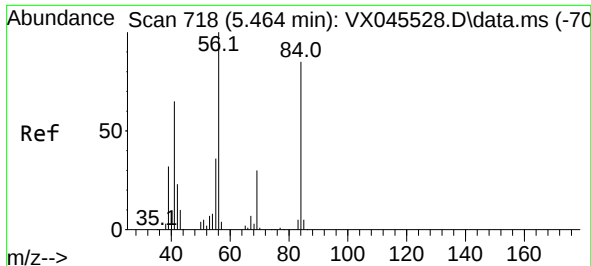
Tgt Ion:	84	Resp:	895
Ion	Ratio	Lower	Upper
84	100		
49	128.1	107.5	161.3
51	42.0	33.0	49.6
86	59.1	50.1	75.1



#25
2-Butanone
Concen: 2.796 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.049 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

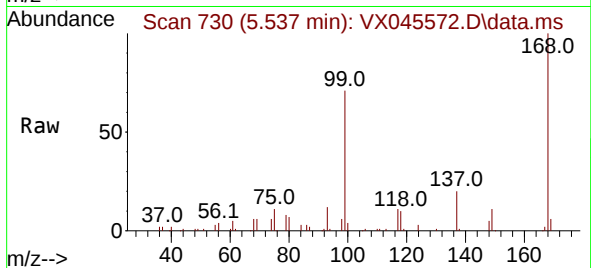
Tgt Ion:	43	Resp:	1945
Ion	Ratio	Lower	Upper
43	100		
72	19.6	18.6	28.0



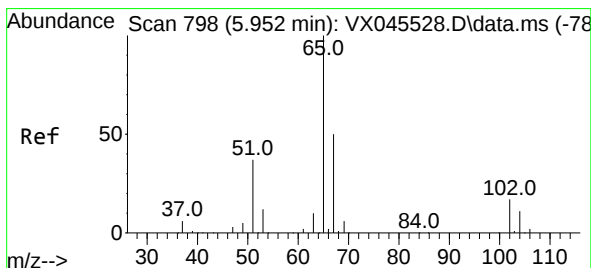
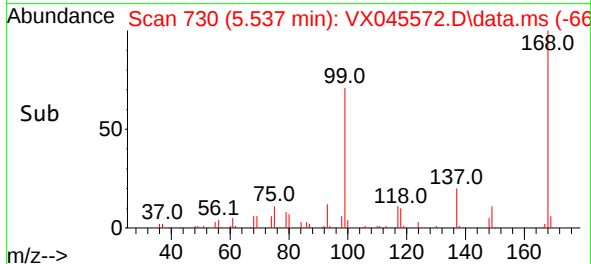
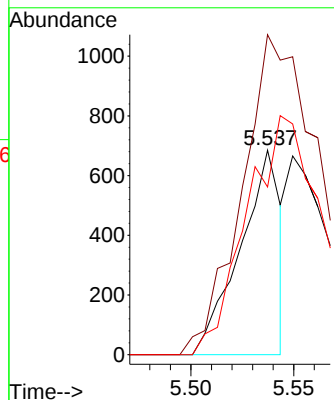


#31
Cyclohexane
Concen: 0.661 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

Instrument :
MSVOA_X
ClientSampleId :
EB01-040225

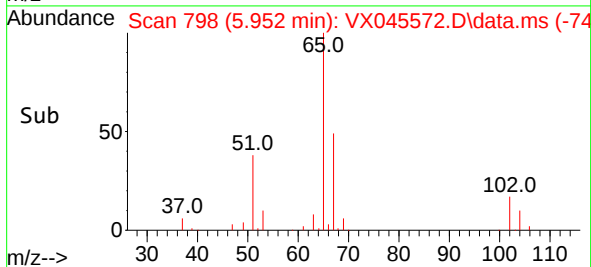
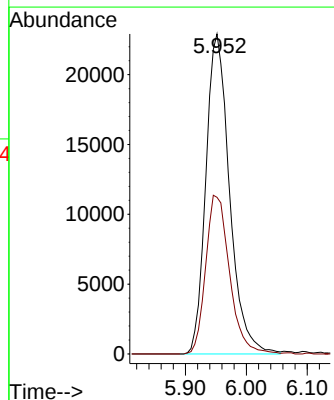
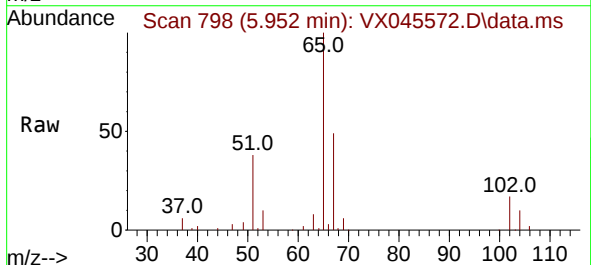


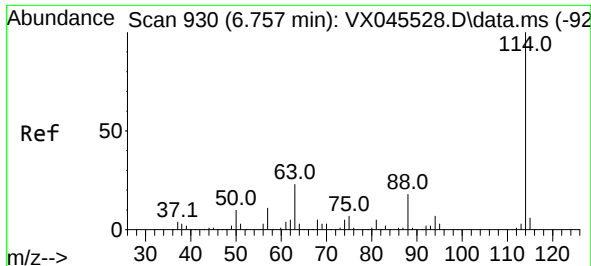
Tgt Ion: 56 Resp: 938
Ion Ratio Lower Upper
56 100
69 156.5 23.6 35.4#
84 82.0 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 53.427 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

Tgt Ion: 65 Resp: 61834
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

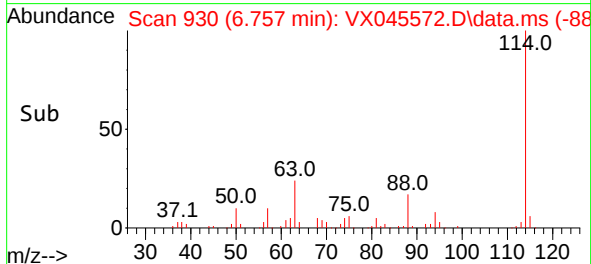
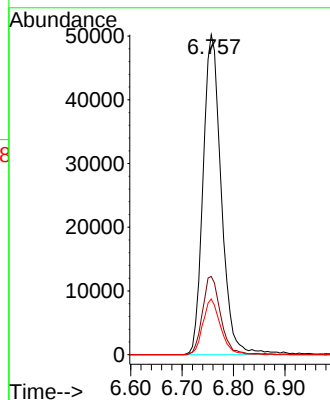
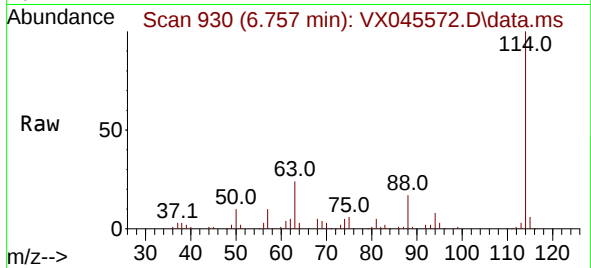




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

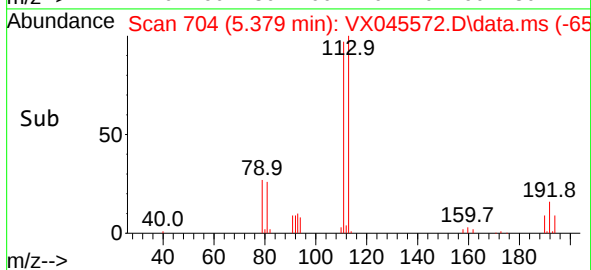
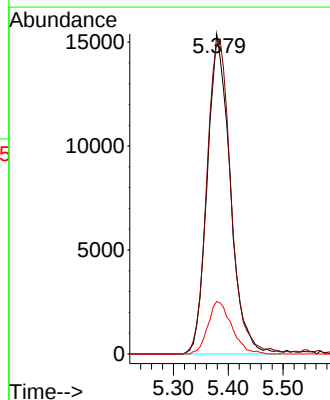
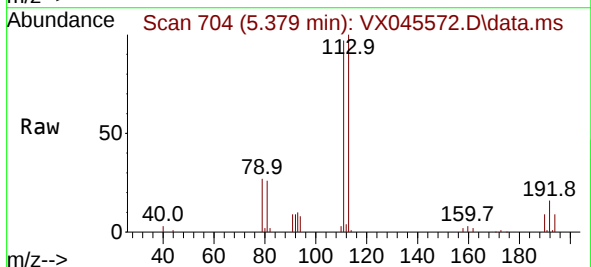
Instrument :
MSVOA_X
ClientSampleId :
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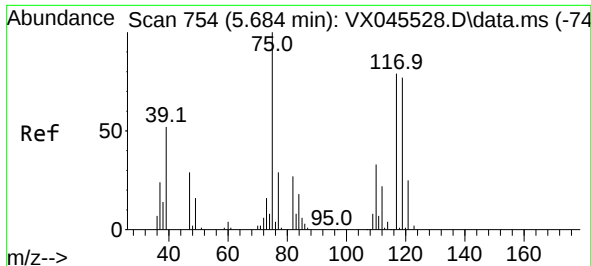
Tgt Ion:114 Resp: 123377
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.978 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

Tgt Ion:113 Resp: 44624
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 17.0 13.8 20.6

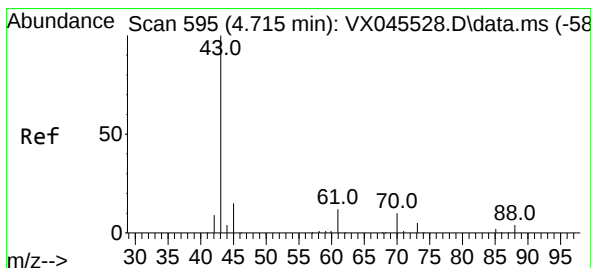
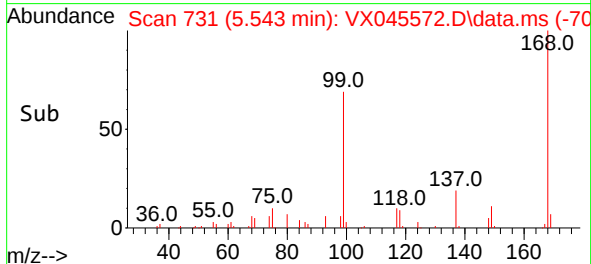
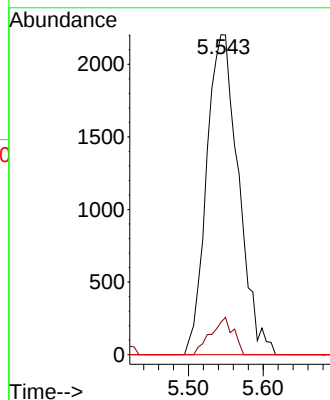
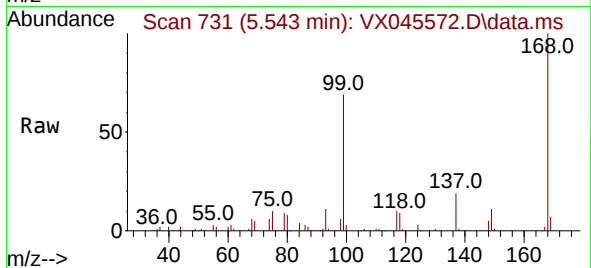




#36
1,1-Dichloropropene
Concen: 5.534 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

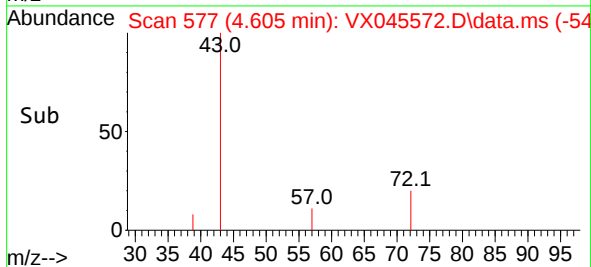
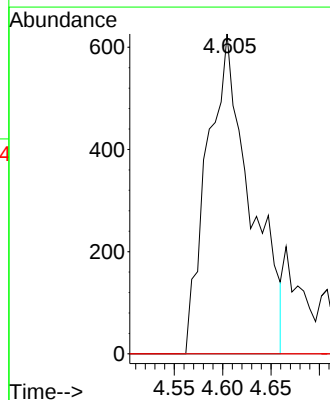
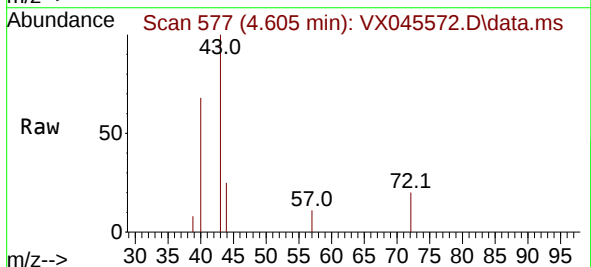
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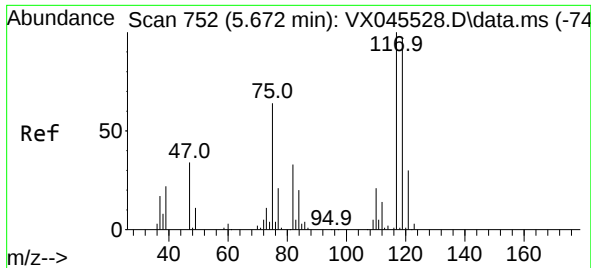
Tgt Ion: 75 Resp: 6541
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.6#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.306 ug/l
RT: 4.605 min Scan# 577
Delta R.T. -0.110 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

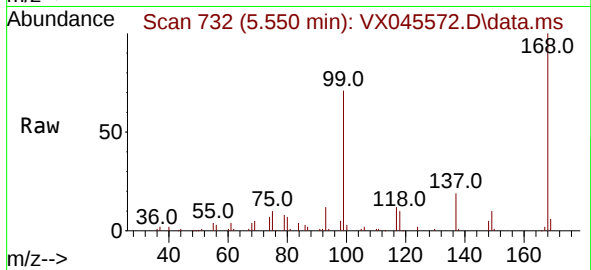
Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 0.0 7.5 11.3#



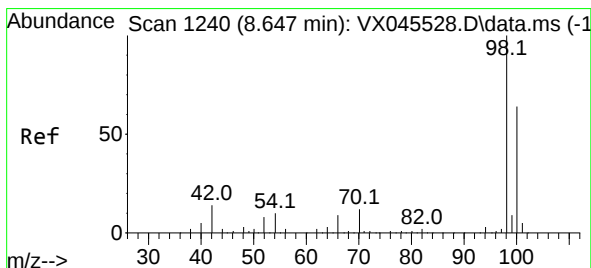
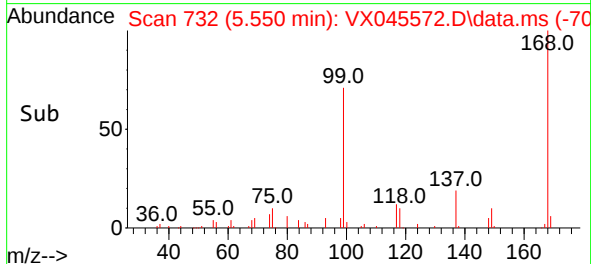
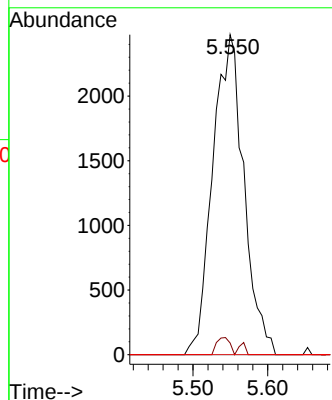


#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

Instrument :
MSVOA_X
ClientSampleId :
EB01-040225

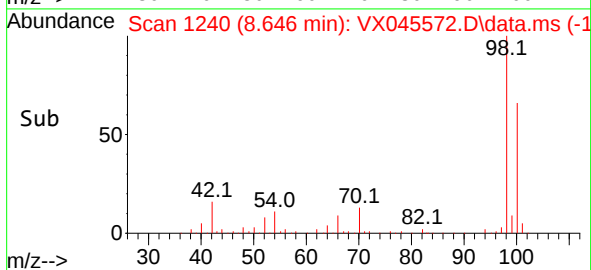
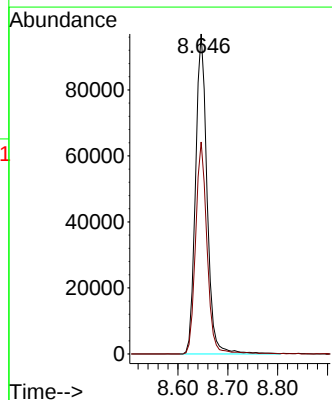
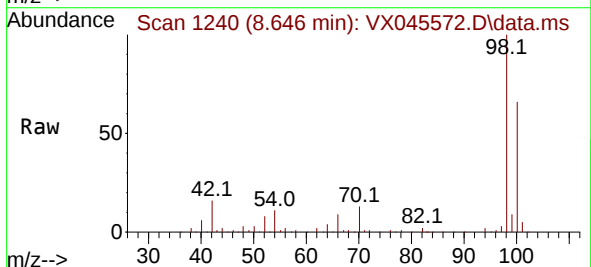


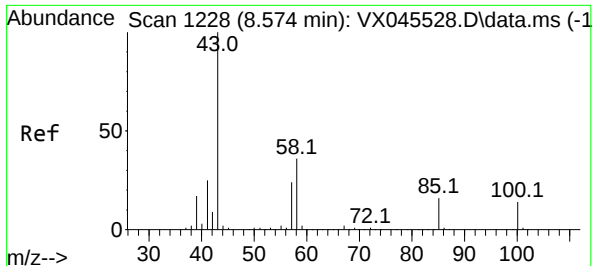
Tgt Ion:117 Resp: 7160
Ion Ratio Lower Upper
117 100
119 3.7 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.882 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

Tgt Ion: 98 Resp: 155462
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.686 ug/l

RT: 8.579 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045572.D

Acq: 03 Apr 2025 15:37

Instrument :

MSVOA_X

ClientSampleId :

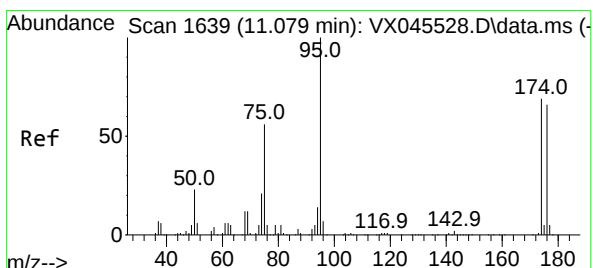
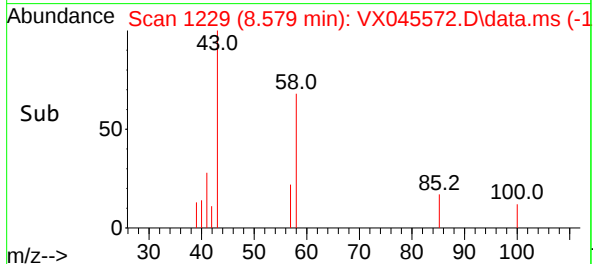
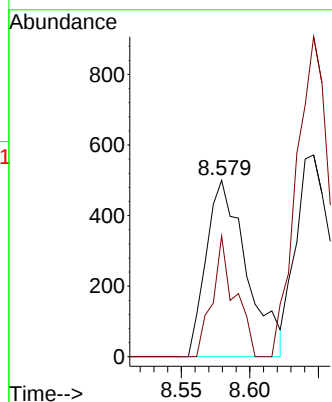
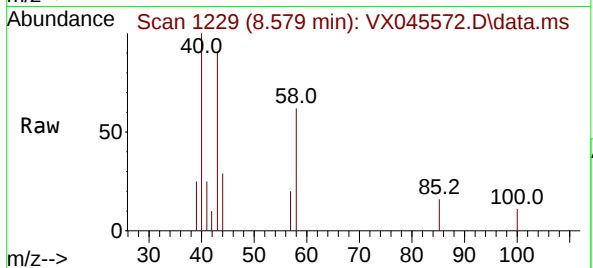
EB01-040225

Tgt Ion: 43 Resp: 1027

Ion Ratio Lower Upper

43 100

58 37.9 28.5 42.7



#62

4-Bromofluorobenzene

Concen: 49.822 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045572.D

Acq: 03 Apr 2025 15:37

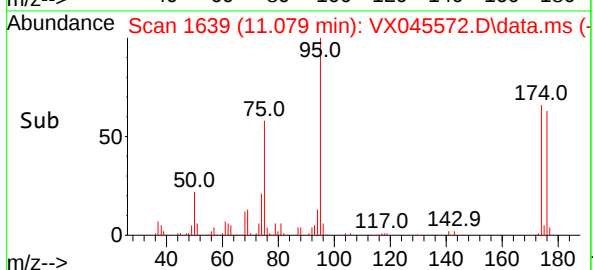
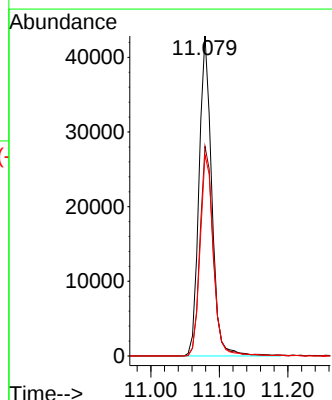
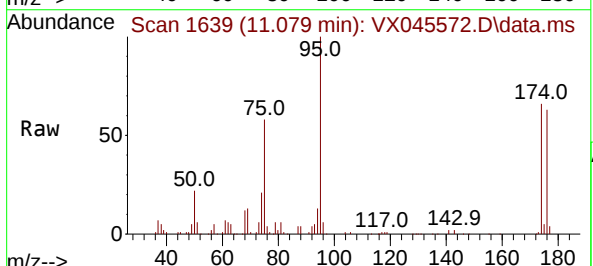
Tgt Ion: 95 Resp: 55448

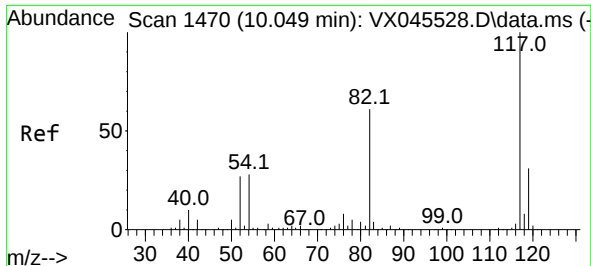
Ion Ratio Lower Upper

95 100

174 67.8 0.0 135.8

176 65.8 0.0 131.4

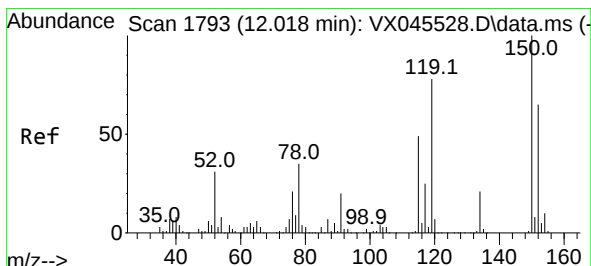
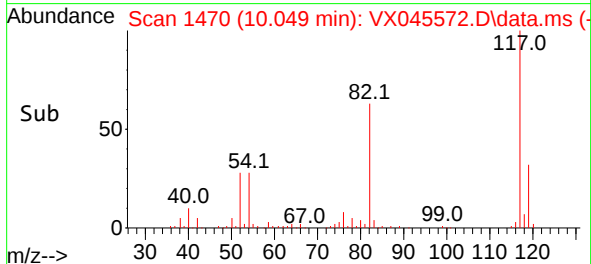
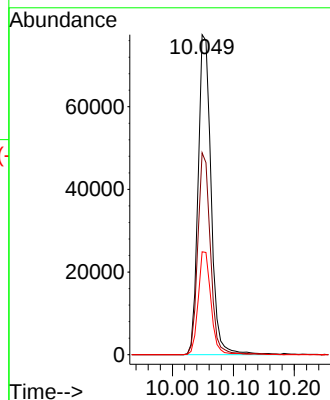
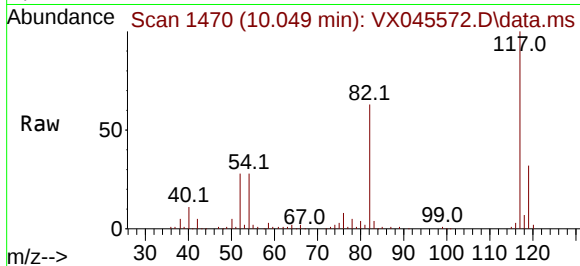




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

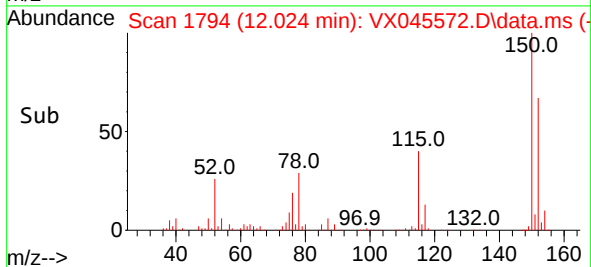
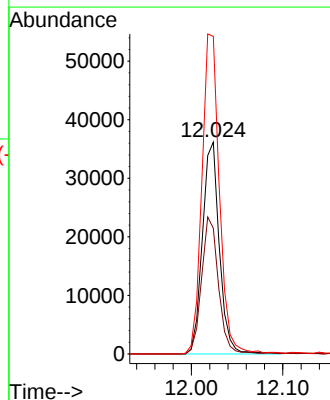
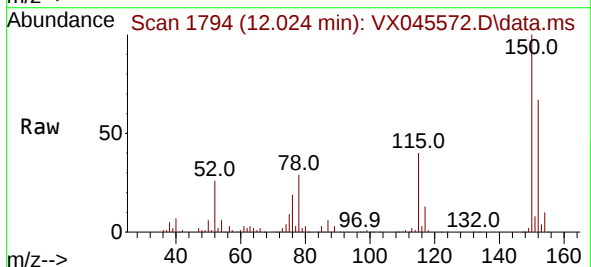
Instrument :
MSVOA_X
ClientSampleId :
EB01-040225

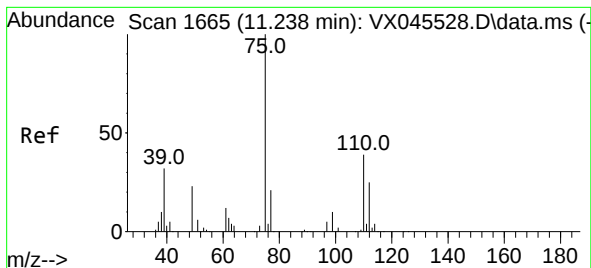
Tgt Ion:117 Resp: 114226
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045572.D
Acq: 03 Apr 2025 15:37

Tgt Ion:152 Resp: 46598
Ion Ratio Lower Upper
152 100
115 64.1 46.9 140.7
150 156.0 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.589 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045572.D

Acq: 03 Apr 2025 15:37

Instrument :

MSVOA_X

ClientSampleId :

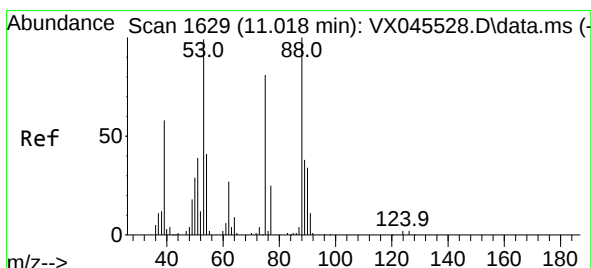
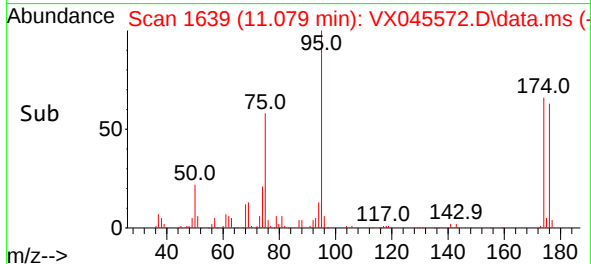
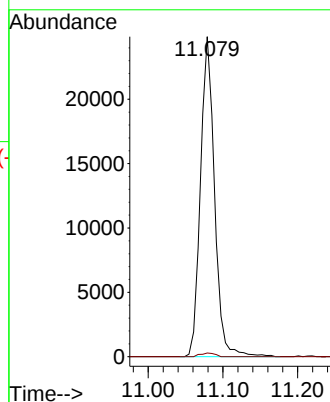
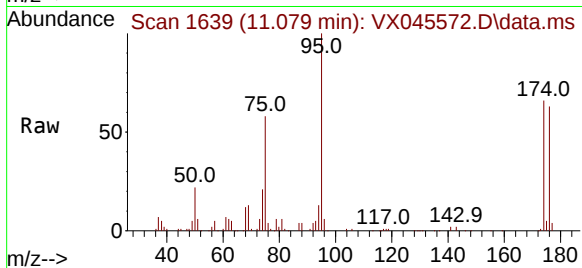
EB01-040225

Tgt Ion: 75 Resp: 32495

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.027 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045572.D

Acq: 03 Apr 2025 15:37

Tgt Ion: 75 Resp: 32495

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

