

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045600.D
 Acq On : 04 Apr 2025 15:33
 Operator : JC/MD
 Sample : Q1731-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-040325

Quant Time: Apr 04 23:12:58 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)

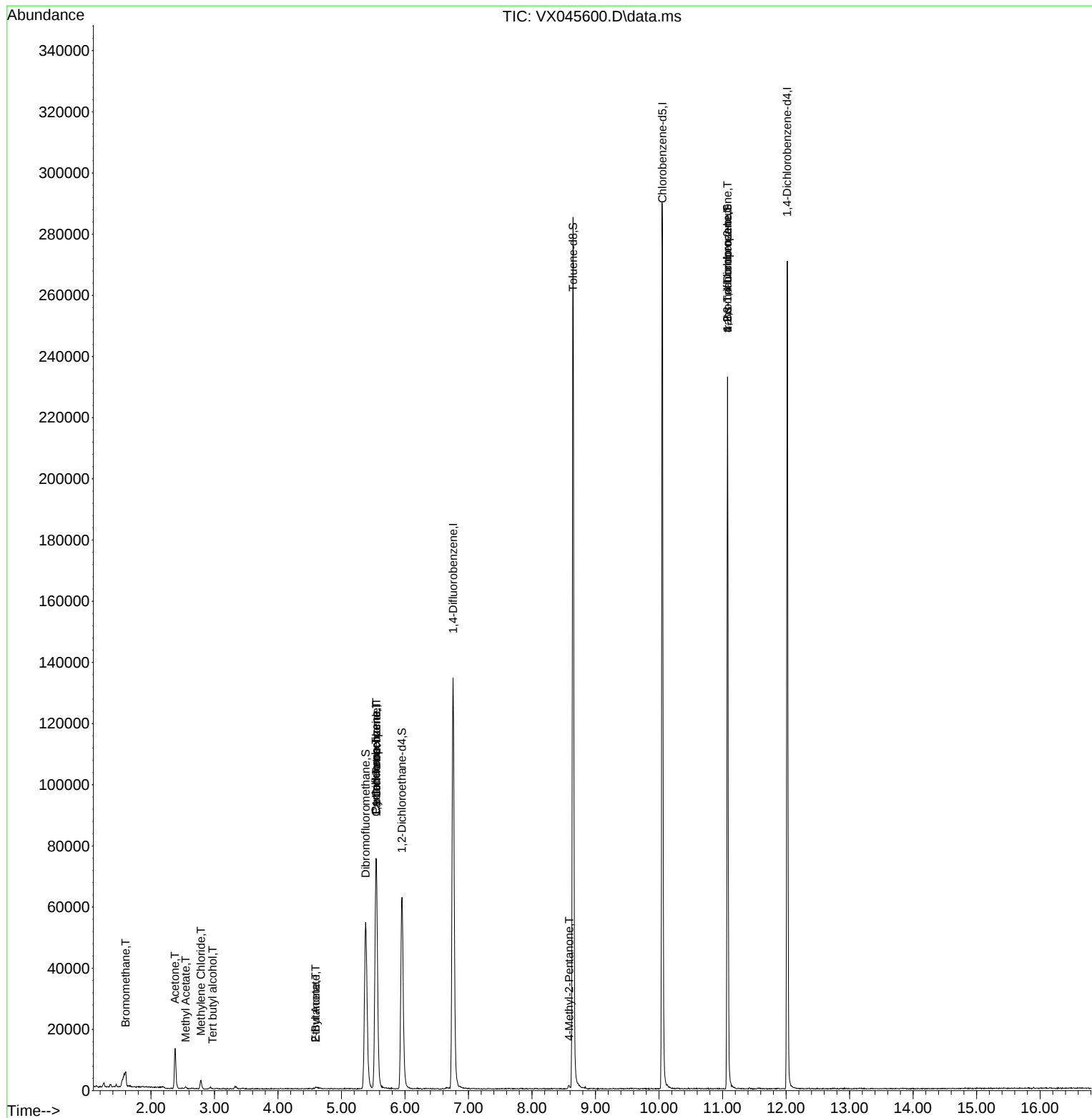
Internal Standards						
1) Pentafluorobenzene	5.544	168	64123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64832	55.287	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.580%			
35) Dibromofluoromethane	5.379	113	46677	51.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.180%			
50) Toluene-d8	8.647	98	160288	50.751	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
62) 4-Bromofluorobenzene	11.079	95	59219	51.476	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.960%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	149	0.349	ug/l #	3
11) Tert butyl alcohol	2.971	59	82	0.520	ug/l #	72
16) Acetone	2.380	43	14652	30.429	ug/l	96
18) Methyl Acetate	2.544	43	251	0.226	ug/l #	54
20) Methylene Chloride	2.788	84	1138	1.262	ug/l #	78
25) 2-Butanone	4.593	43	1135	1.610	ug/l #	88
31) Cyclohexane	5.544	56	2003	1.392	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	6685	5.472	ug/l #	50
37) Ethyl Acetate	4.593	43	1135	0.737	ug/l #	71
38) Carbon Tetrachloride	5.550	117	7774	5.888	ug/l #	15
51) 4-Methyl-2-Pentanone	8.586	43	729	0.471	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	34205	28.405	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34205	96.404	ug/l #	1

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

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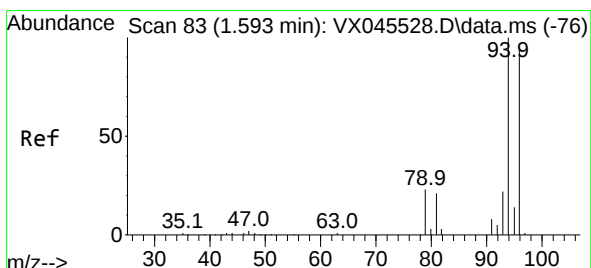
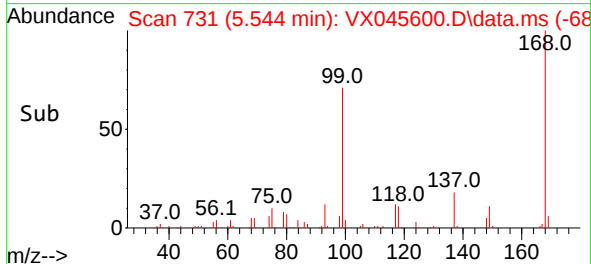
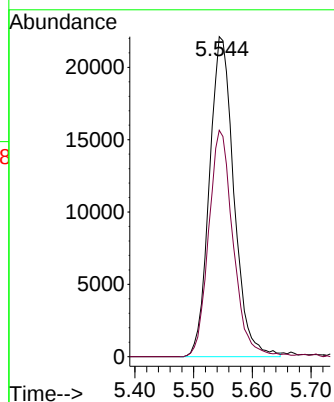
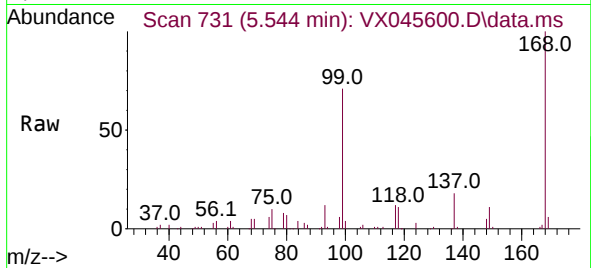




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

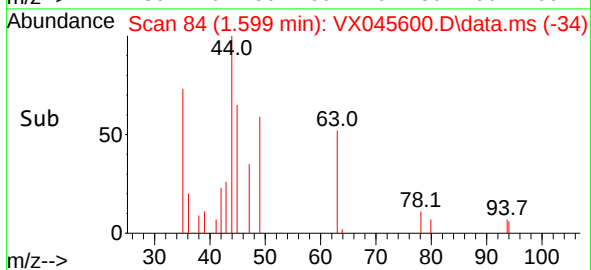
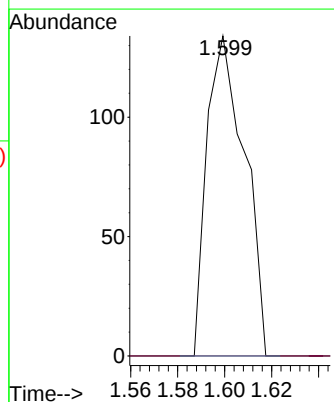
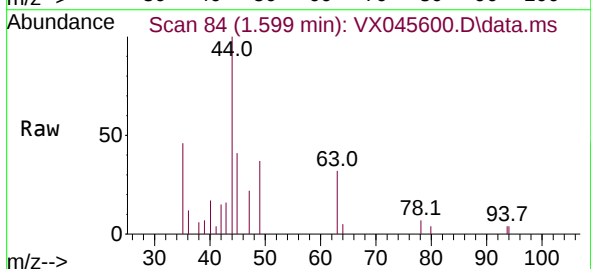
Instrument :
MSVOA_X
ClientSampleId :
EB01-040325

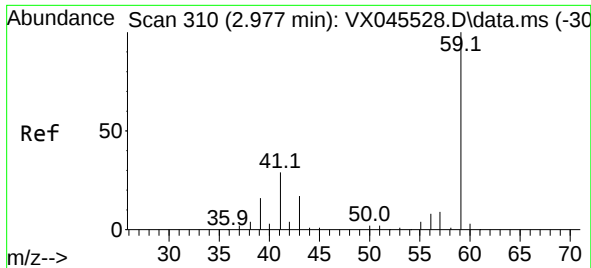
Tgt Ion:168 Resp: 64123
Ion Ratio Lower Upper
168 100
99 70.8 52.3 78.5



#5
Bromomethane
Concen: 0.349 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

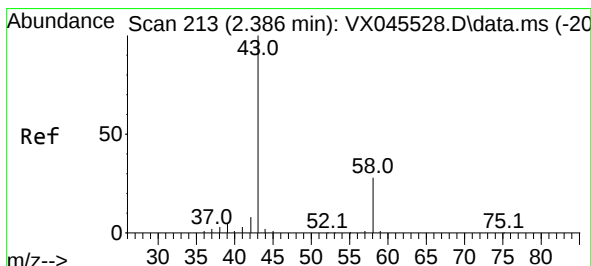
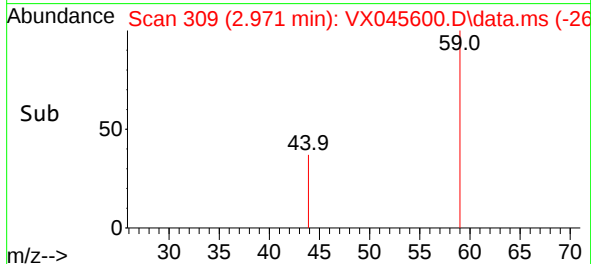
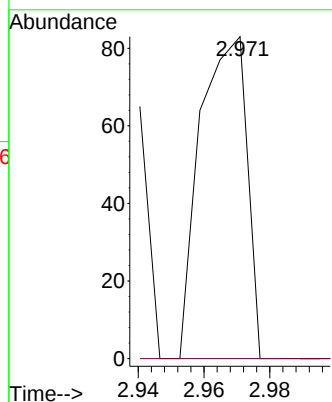
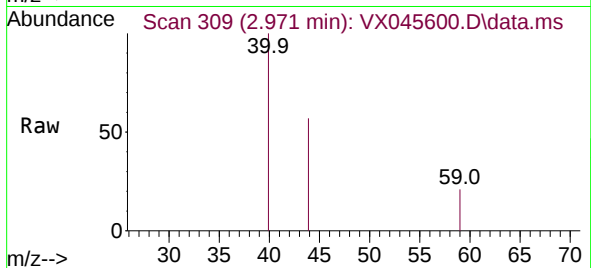




#11
Tert butyl alcohol
Concen: 0.520 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

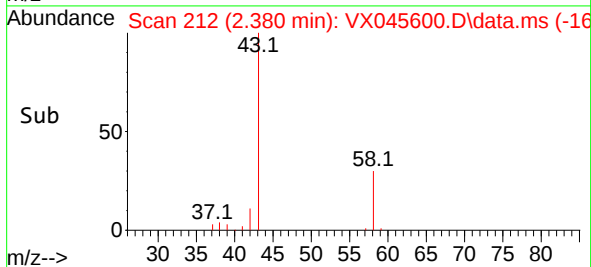
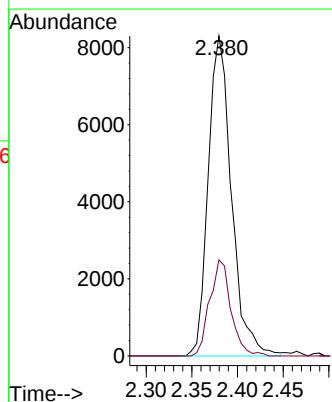
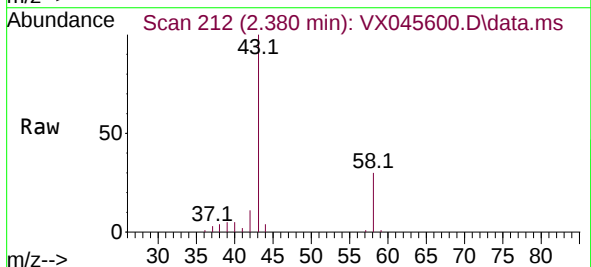
Instrument :
MSVOA_X
ClientSampleId :
EB01-040325

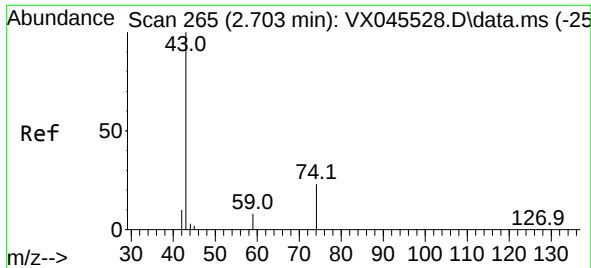
Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 30.429 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

Tgt Ion: 43 Resp: 14652
Ion Ratio Lower Upper
43 100
58 30.1 22.3 33.5

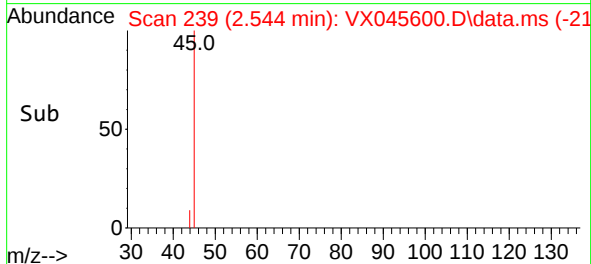
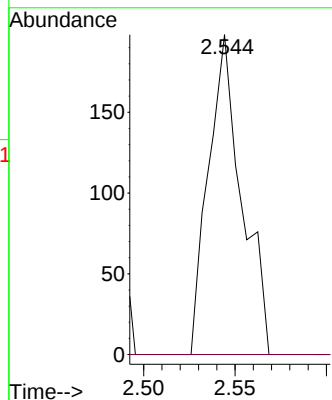
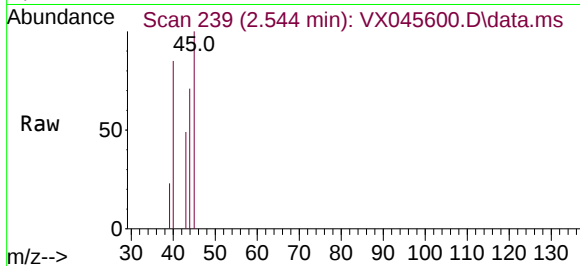




#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 2.544 min Scan# 21
Delta R.T. -0.159 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

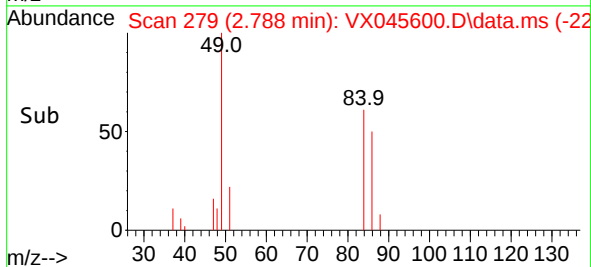
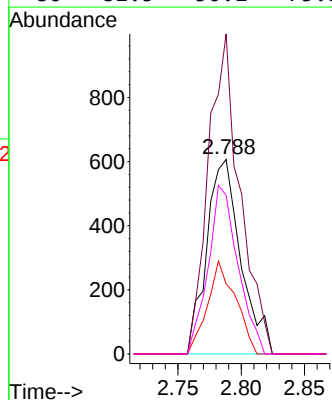
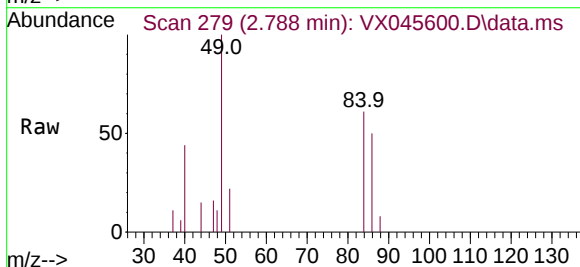
Instrument :
MSVOA_X
ClientSampleId :
EB01-040325

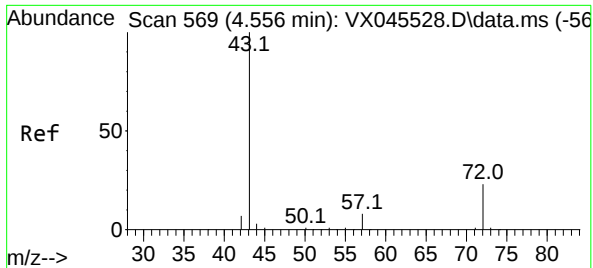
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 1.262 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

Tgt Ion: 84 Resp: 1138
Ion Ratio Lower Upper
84 100
49 164.4 107.5 161.3#
51 36.1 33.0 49.6
86 81.5 50.1 75.1#

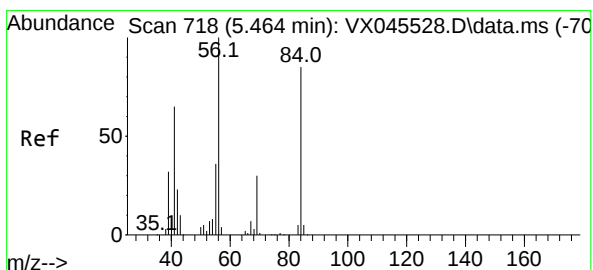
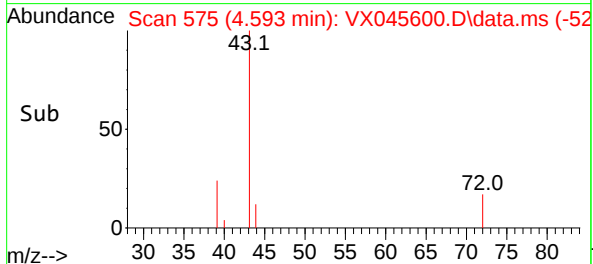
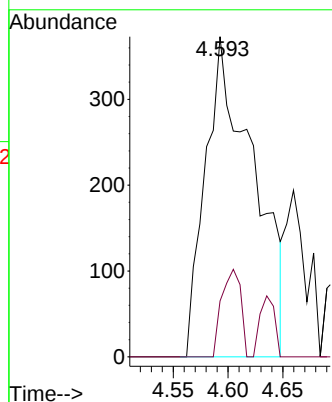
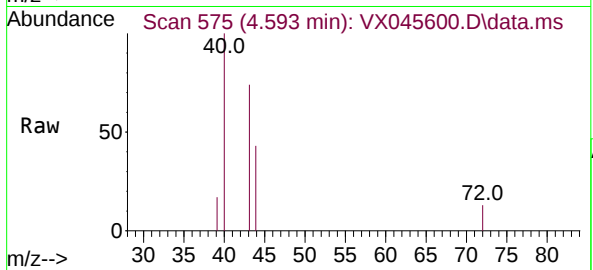




#25
2-Butanone
Concen: 1.610 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

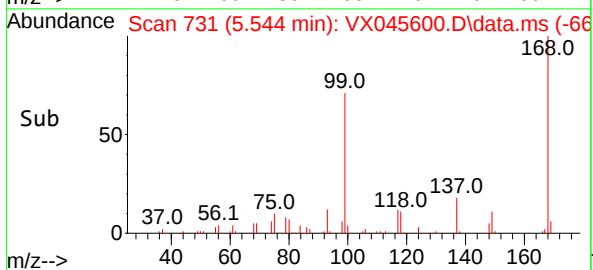
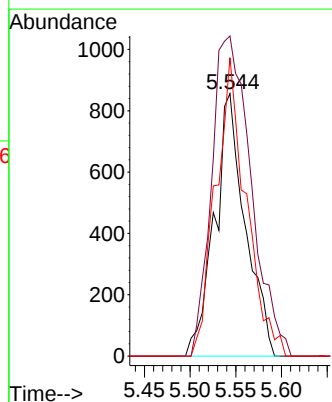
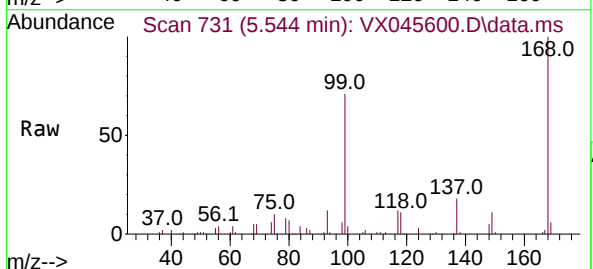
Instrument :
MSVOA_X
ClientSampleId :
EB01-040325

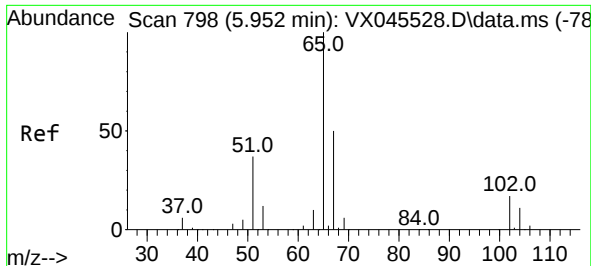
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
72 17.4 18.6 28.0#



#31
Cyclohexane
Concen: 1.392 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

Tgt Ion: 56 Resp: 2003
Ion Ratio Lower Upper
56 100
69 122.0 23.6 35.4#
84 113.7 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 55.287 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045600.D

Acq: 04 Apr 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

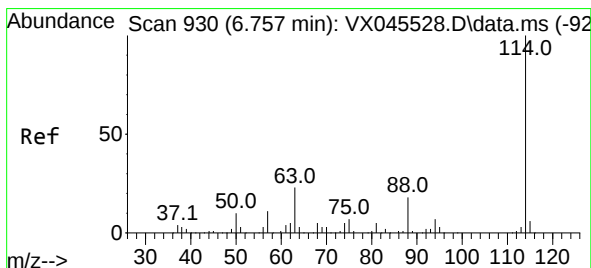
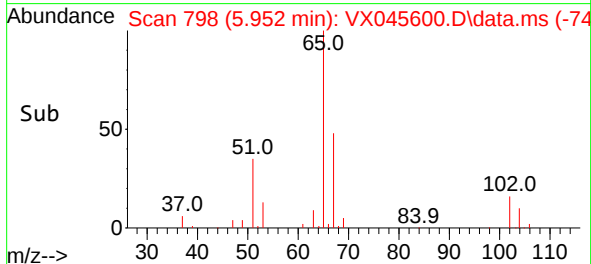
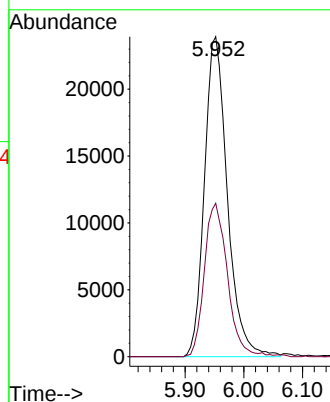
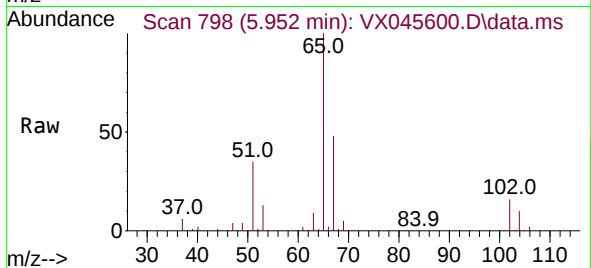
EB01-040325

Tgt Ion: 65 Resp: 64832

Ion Ratio Lower Upper

65 100

67 48.3 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: VX045600.D

Acq: 04 Apr 2025 15:33

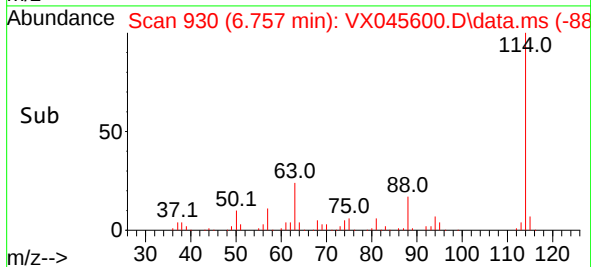
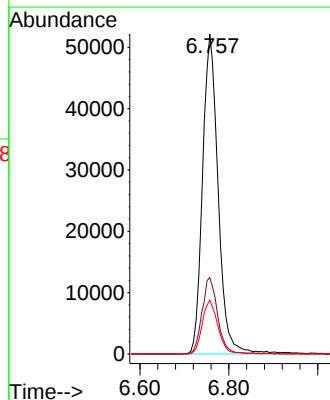
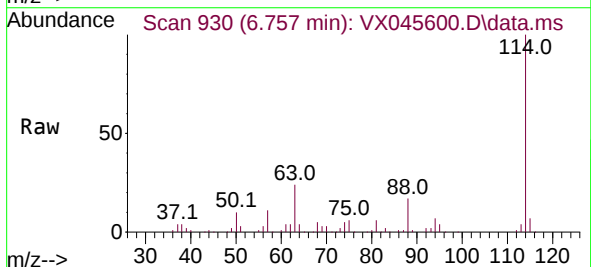
Tgt Ion: 114 Resp: 127534

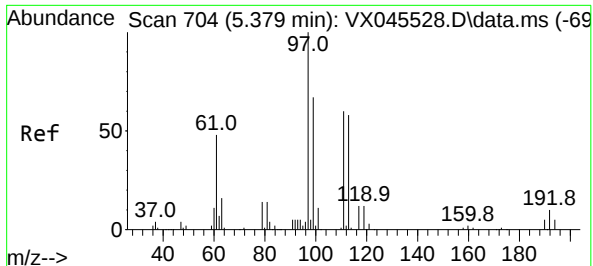
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 16.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.585 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045600.D

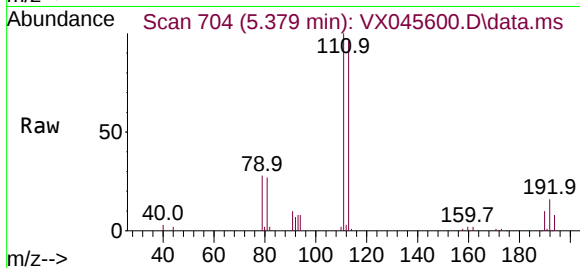
Acq: 04 Apr 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

EB01-040325



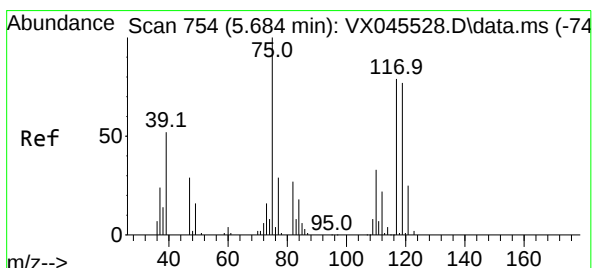
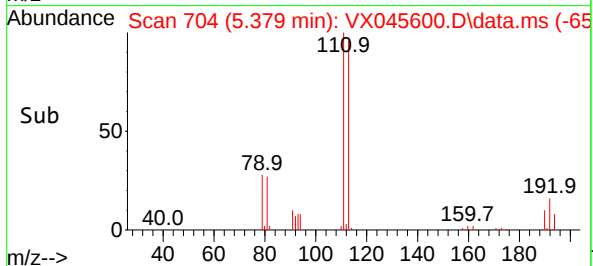
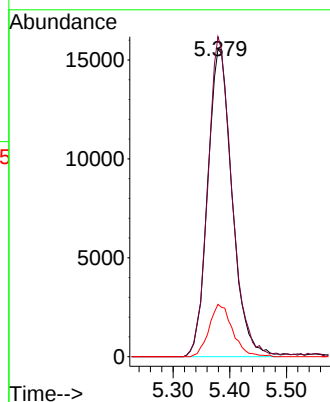
Tgt Ion:113 Resp: 46677

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

192 16.3 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.472 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX045600.D

Acq: 04 Apr 2025 15:33

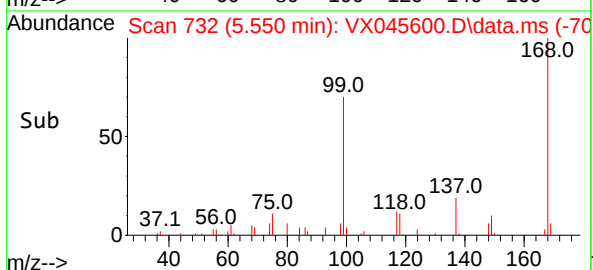
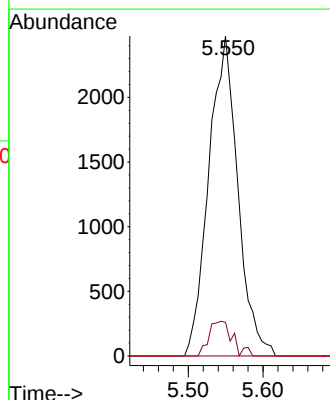
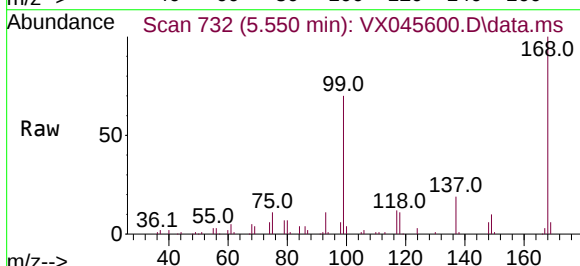
Tgt Ion: 75 Resp: 6685

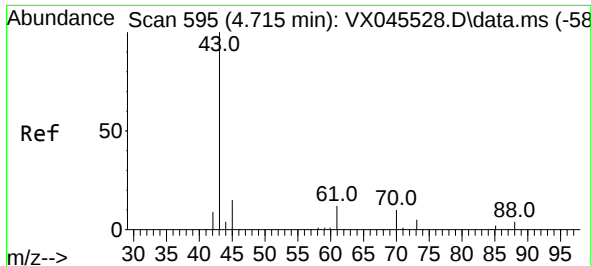
Ion Ratio Lower Upper

75 100

110 8.9 16.9 50.6#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.737 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX045600.D

Acq: 04 Apr 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

EB01-040325

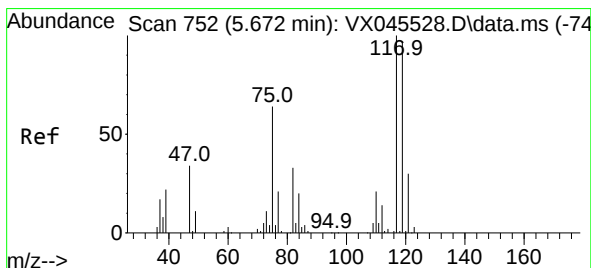
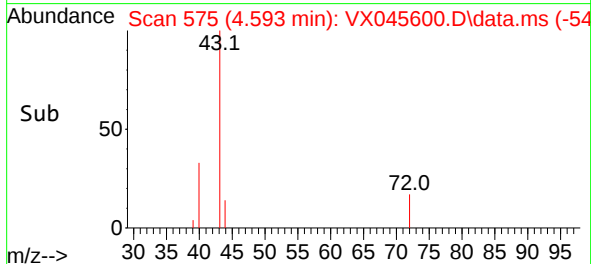
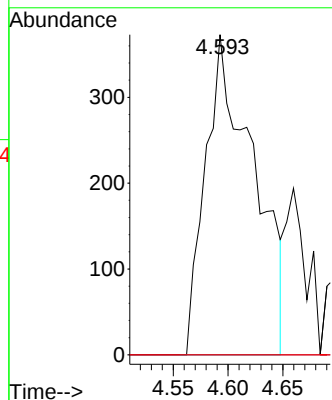
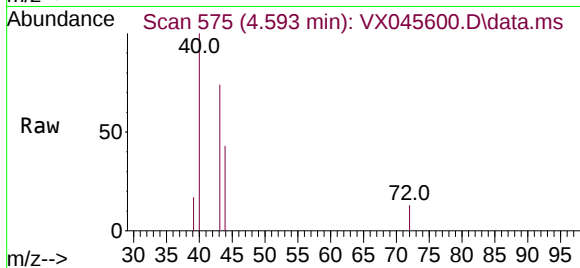
Tgt Ion: 43 Resp: 1135

Ion Ratio Lower Upper

43 100

61 0.0 9.9 14.9#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 5.888 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045600.D

Acq: 04 Apr 2025 15:33

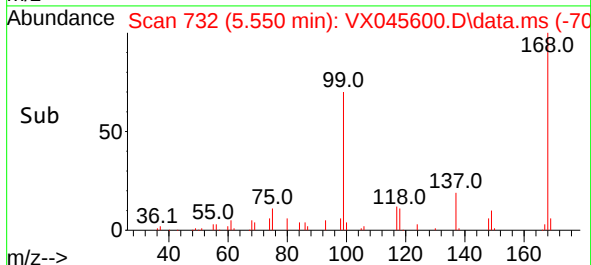
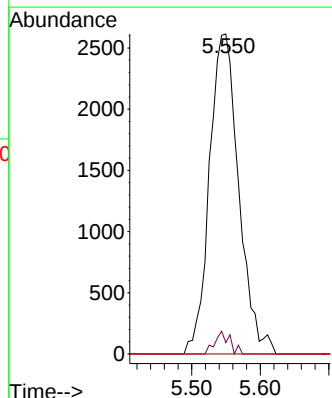
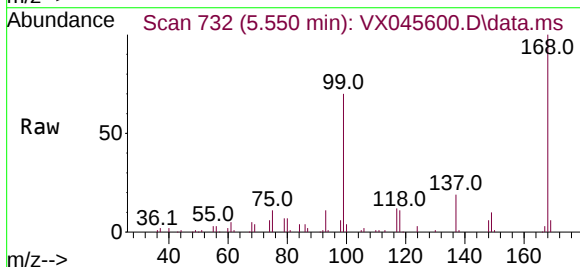
Tgt Ion: 117 Resp: 7774

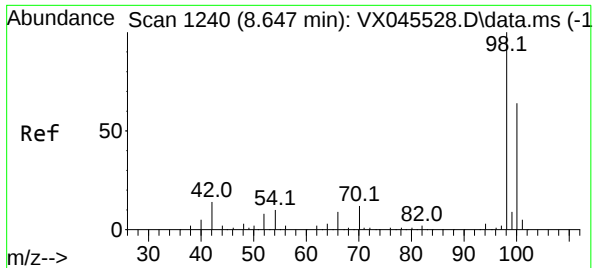
Ion Ratio Lower Upper

117 100

119 3.6 76.9 115.3#

121 0.0 24.2 36.2#

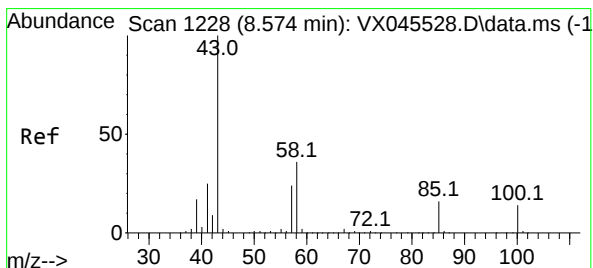
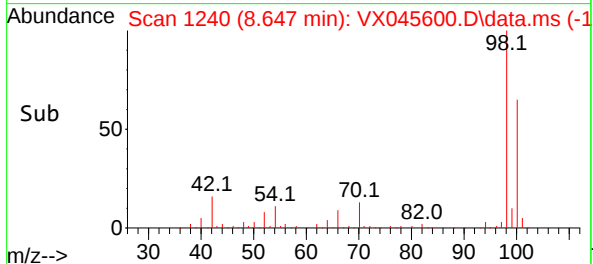
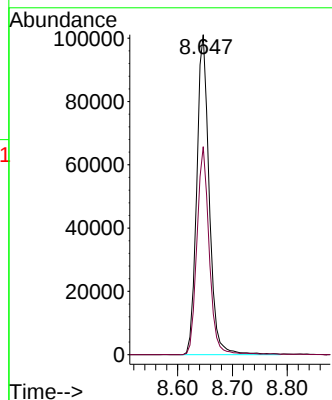
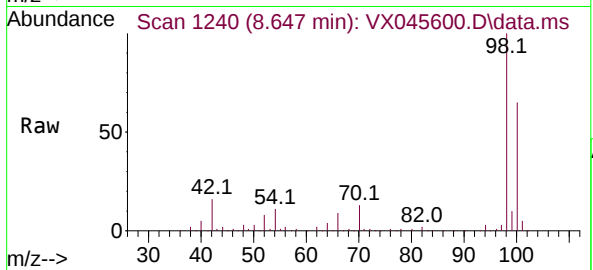




#50
Toluene-d8
Concen: 50.751 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

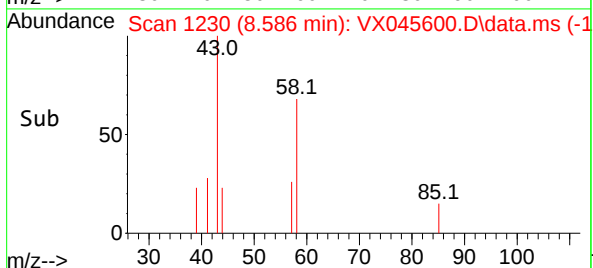
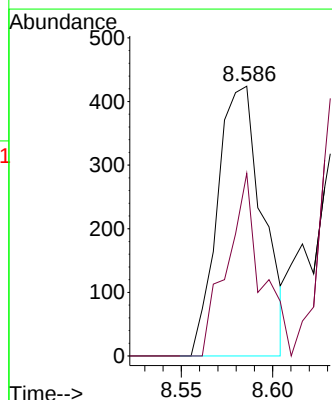
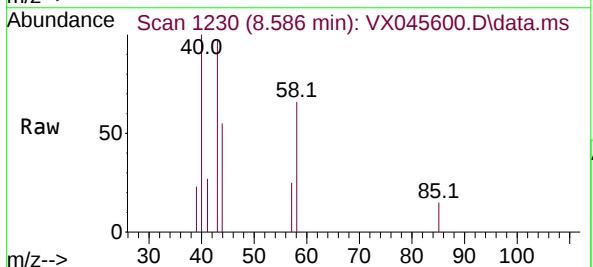
Instrument :
MSVOA_X
ClientSampleId :
EB01-040325

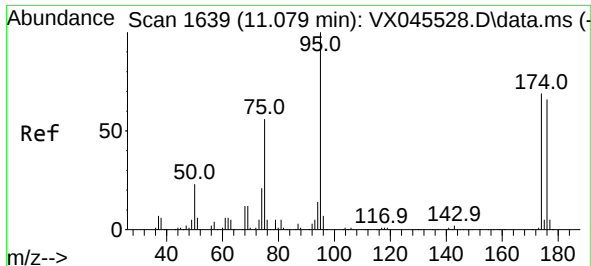
Tgt Ion: 98 Resp: 160288
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 51.0 28.5 42.7#

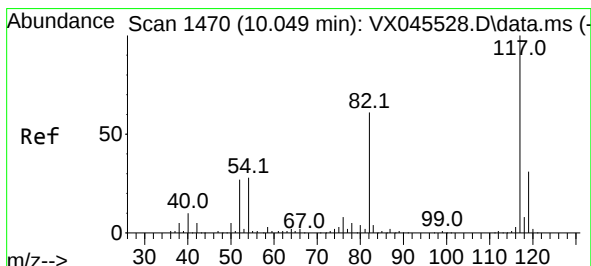
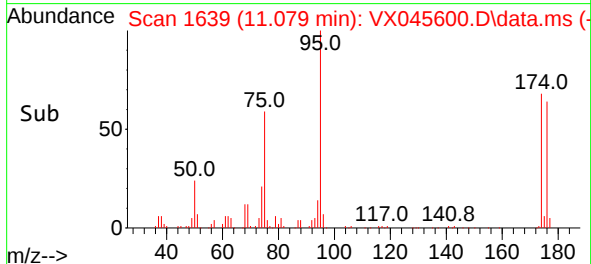
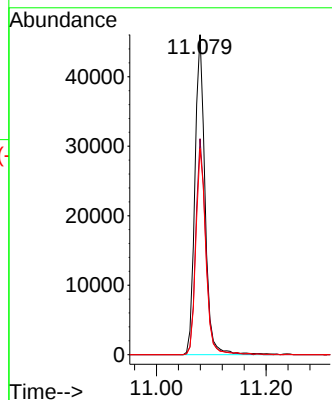
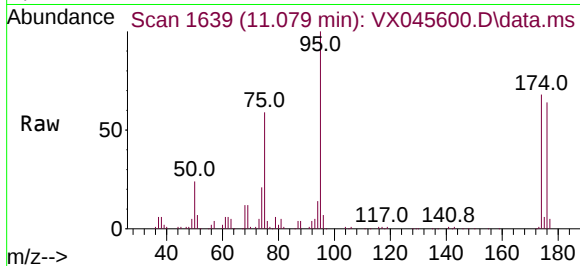




#62
4-Bromofluorobenzene
Concen: 51.476 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

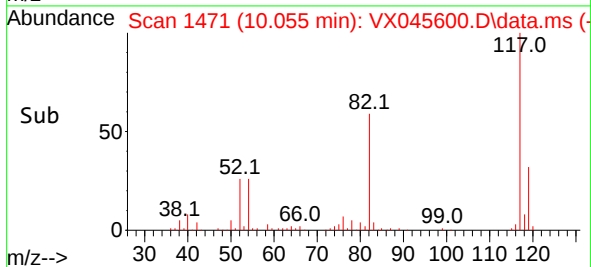
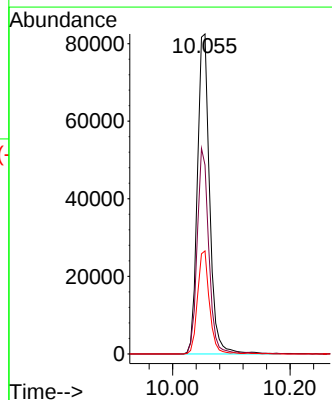
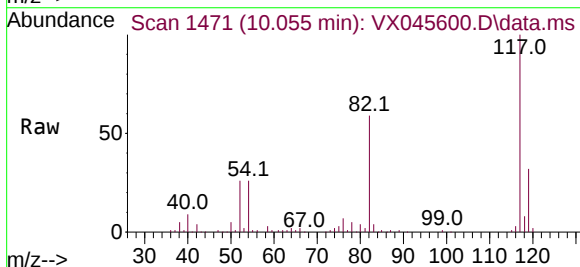
Instrument :
MSVOA_X
ClientSampleId :
EB01-040325

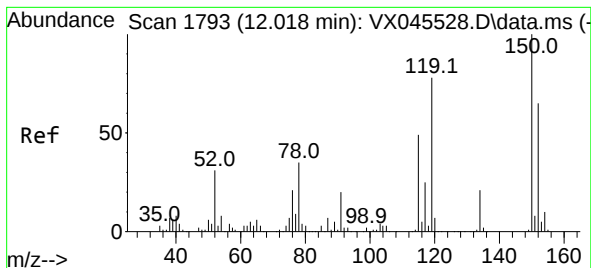
Tgt Ion: 95 Resp: 59219
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 63.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

Tgt Ion: 117 Resp: 119214
Ion Ratio Lower Upper
117 100
82 59.0 49.2 73.8
119 32.2 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: VX045600.D

Acq: 04 Apr 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

EB01-040325

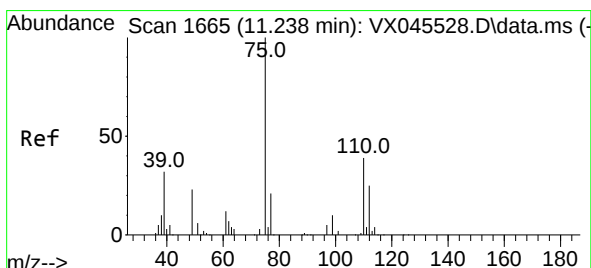
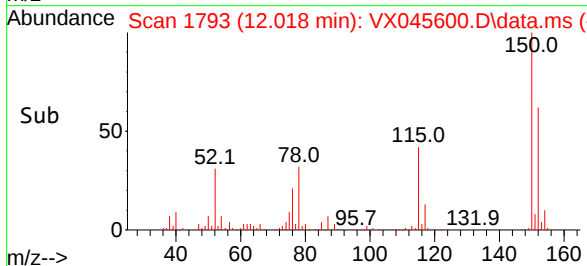
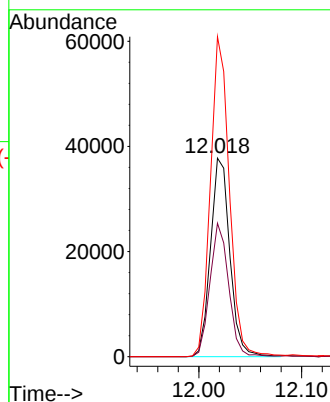
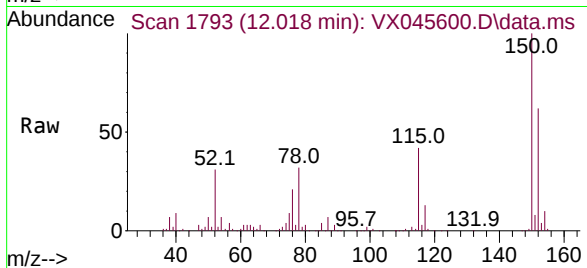
Tgt Ion:152 Resp: 49367

Ion Ratio Lower Upper

152 100

115 65.0 46.9 140.7

150 157.8 0.0 349.4



#76

1,2,3-Trichloropropane

Concen: 28.405 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045600.D

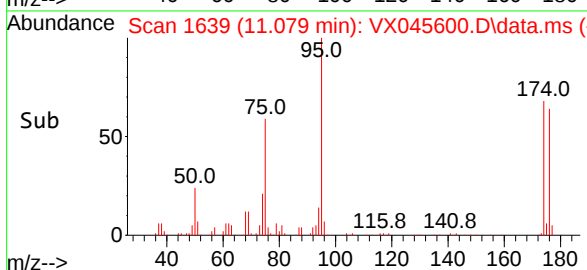
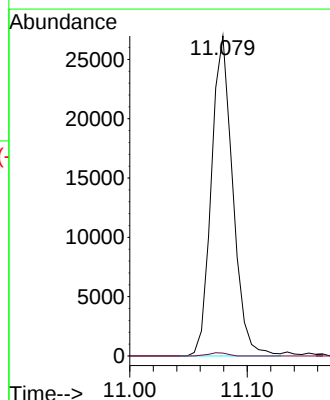
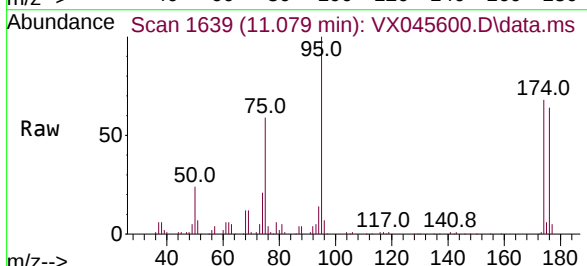
Acq: 04 Apr 2025 15:33

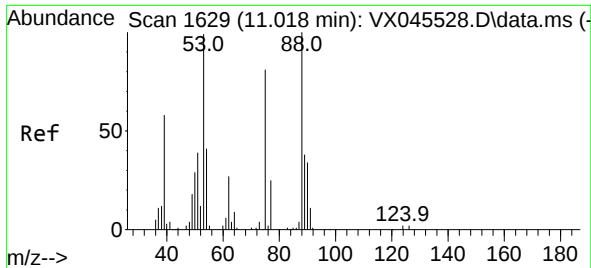
Tgt Ion: 75 Resp: 34205

Ion Ratio Lower Upper

75 100

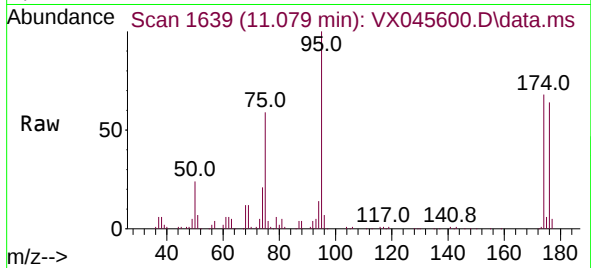
77 0.9 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.404 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045600.D
Acq: 04 Apr 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
EB01-040325



Tgt Ion: 75 Resp: 34205
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

