

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045738.D
 Acq On : 11 Apr 2025 13:55
 Operator : JC/MD
 Sample : Q1790-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-041025

Quant Time: Apr 11 23:04:57 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)

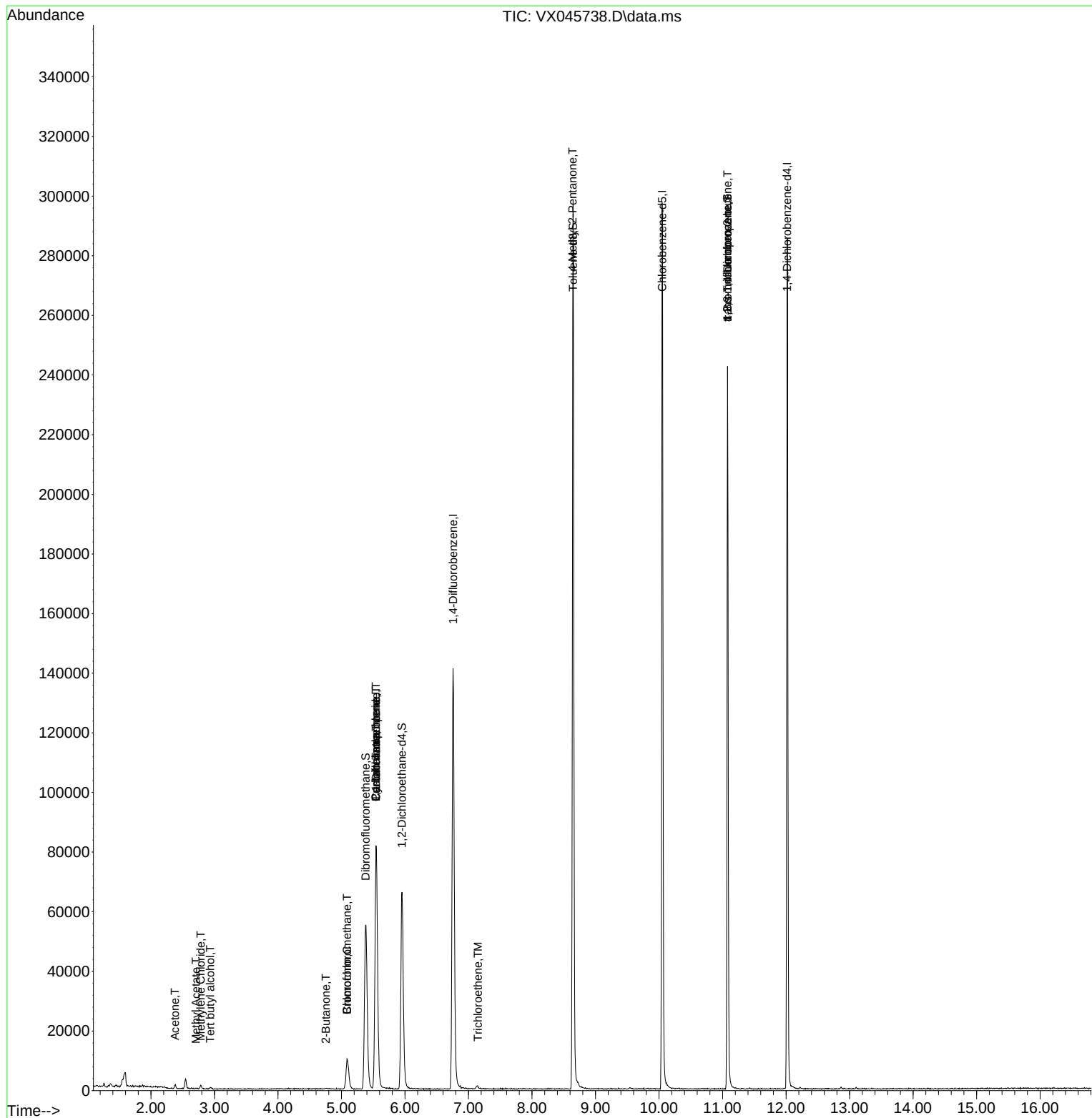
Internal Standards						
1) Pentafluorobenzene	5.543	168	68658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68388	54.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.940%	
35) Dibromofluoromethane	5.379	113	48922	51.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.940%	
50) Toluene-d8	8.646	98	166697	50.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	11.079	95	63353	52.931	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	66	0.391	ug/l #	72
16) Acetone	2.379	43	1557	3.020	ug/l #	86
18) Methyl Acetate	2.709	43	496	0.418	ug/l #	54
20) Methylene Chloride	2.782	84	555	0.575	ug/l #	85
25) 2-Butanone	4.751	43	187	0.248	ug/l #	52
28) Bromochloromethane	5.086	49	1144	1.359	ug/l #	18
30) Chloroform	5.086	83	12139	6.771	ug/l	91
31) Cyclohexane	5.543	56	2083	1.352	ug/l #	31
36) 1,1-Dichloropropene	5.543	75	6771	5.327	ug/l #	51
38) Carbon Tetrachloride	5.543	117	8382	6.102	ug/l #	17
44) Trichloroethene	7.147	130	491	0.532	ug/l	49
51) 4-Methyl-2-Pentanone	8.640	43	905	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36707	28.857	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36707	97.939	ug/l #	1

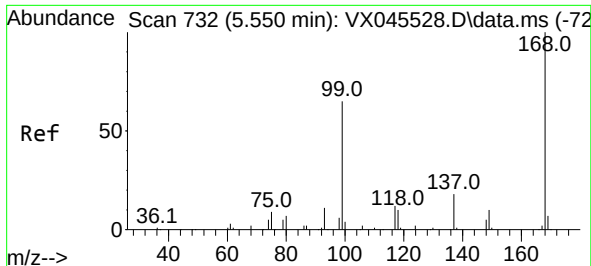
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 11 23:04:57 2025
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QLast Update : Wed Apr 02 03:11:43 2025
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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: VX045738.D

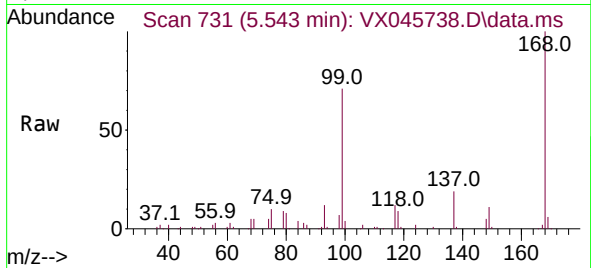
Acq: 11 Apr 2025 13:55

Instrument :

MSVOA_X

ClientSampleId :

EB01-041025

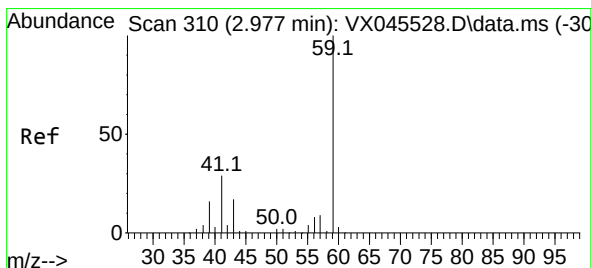
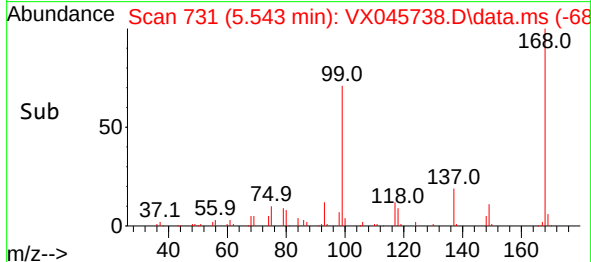
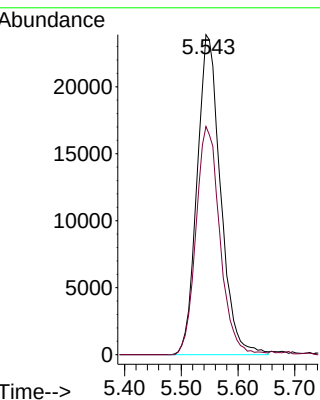


Tgt Ion:168 Resp: 68658

Ion Ratio Lower Upper

168 100

99 71.3 52.3 78.5



#11

Tert butyl alcohol

Concen: 0.391 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.043 min

Lab File: VX045738.D

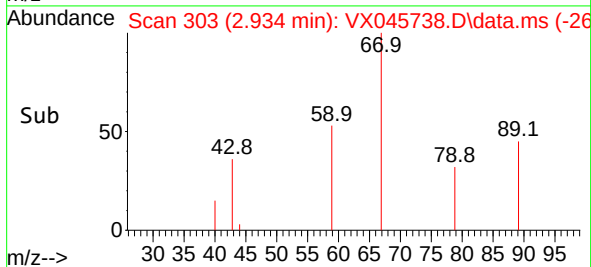
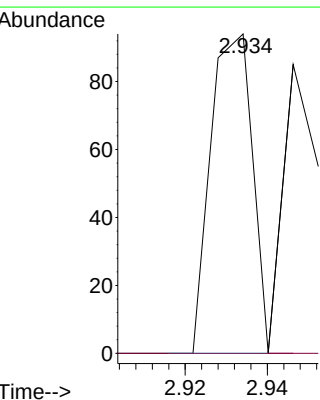
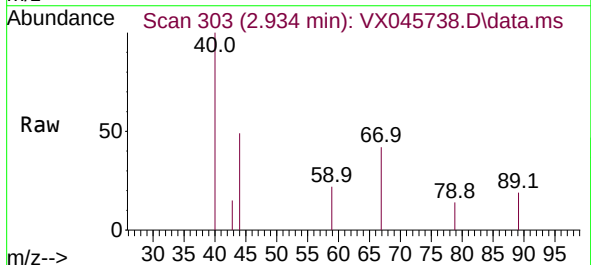
Acq: 11 Apr 2025 13:55

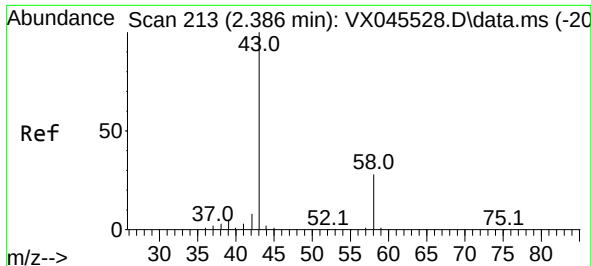
Tgt Ion: 59 Resp: 66

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#

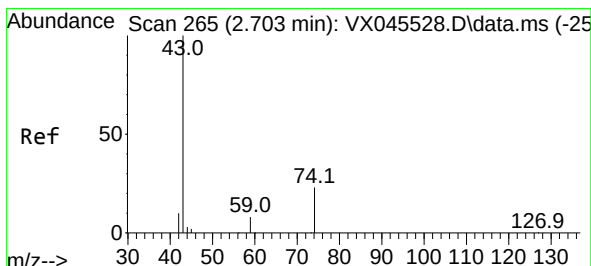
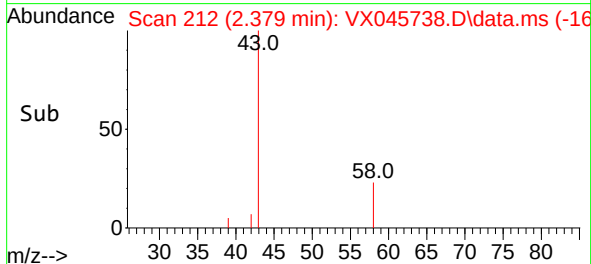
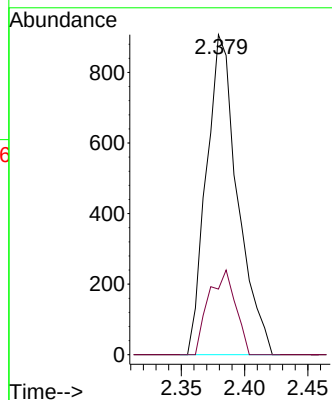
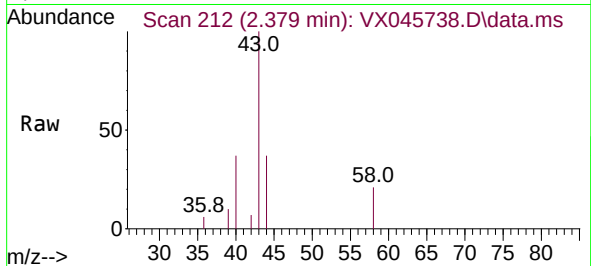




#16
Acetone
Concen: 3.020 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

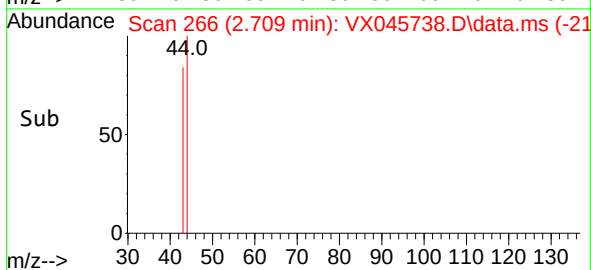
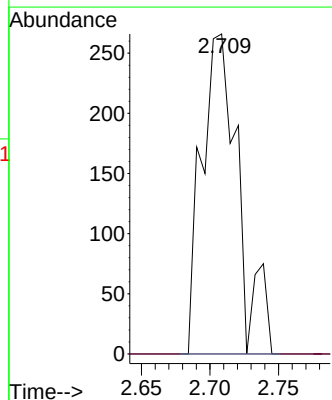
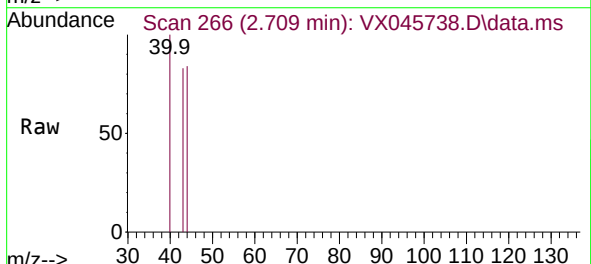
Instrument :
MSVOA_X
ClientSampleId :
EB01-041025

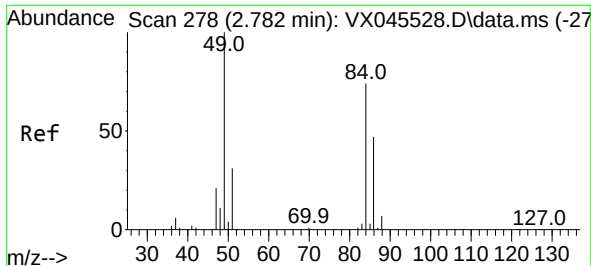
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
58 20.5 22.3 33.5#



#18
Methyl Acetate
Concen: 0.418 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#





#20

Methylene Chloride

Concen: 0.575 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045738.D

Acq: 11 Apr 2025 13:55

Instrument :

MSVOA_X

ClientSampleId :

EB01-041025

Tgt Ion: 84 Resp: 555

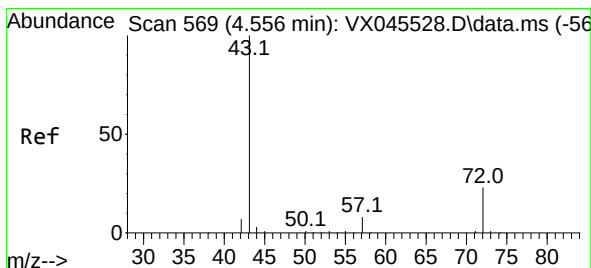
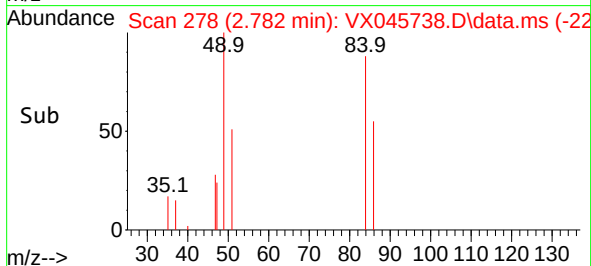
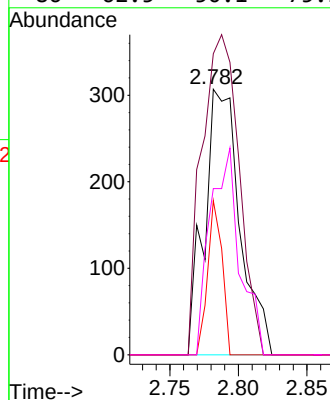
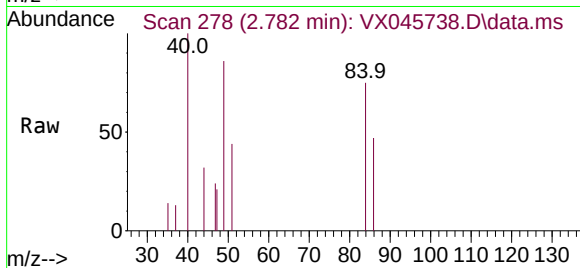
Ion Ratio Lower Upper

84 100

49 113.4 107.5 161.3

51 58.0 33.0 49.6#

86 62.5 50.1 75.1



#25

2-Butanone

Concen: 0.248 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.195 min

Lab File: VX045738.D

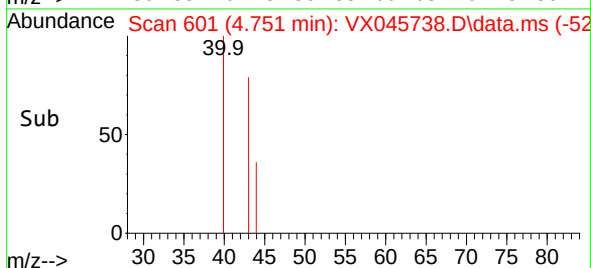
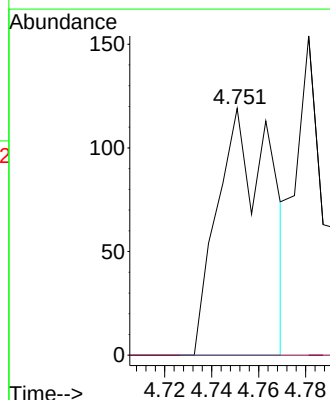
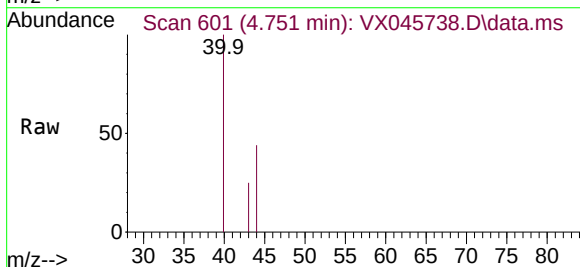
Acq: 11 Apr 2025 13:55

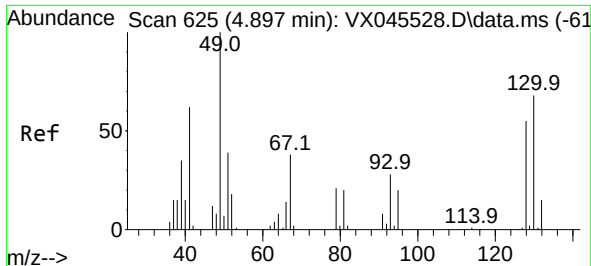
Tgt Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

72 0.0 18.6 28.0#

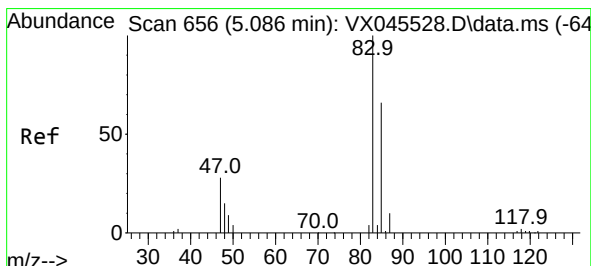
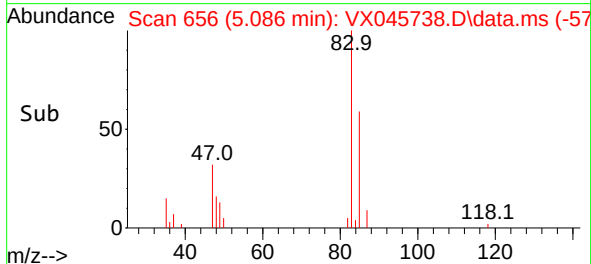
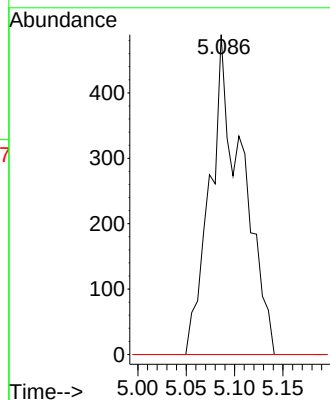
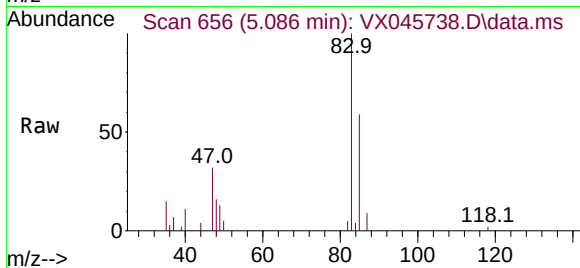




#28
Bromochloromethane
Concen: 1.359 ug/l
RT: 5.086 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

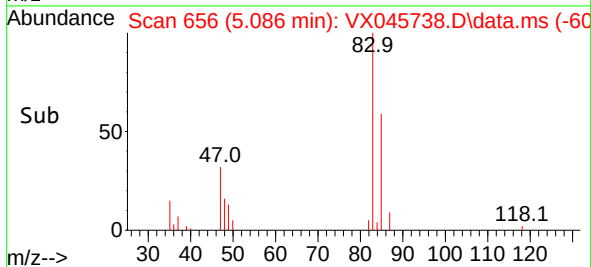
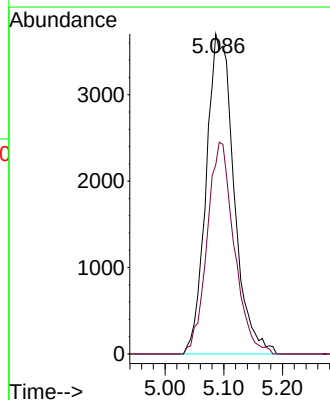
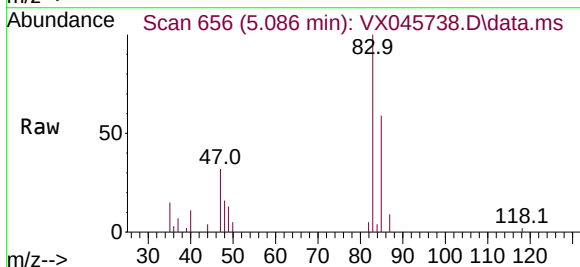
Instrument :
MSVOA_X
ClientSampleId :
EB01-041025

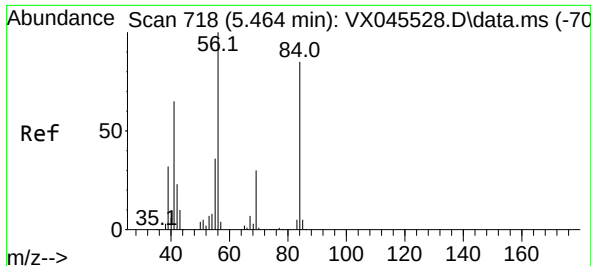
Tgt Ion: 49 Resp: 1144
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 54.6 81.8#



#30
Chloroform
Concen: 6.771 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

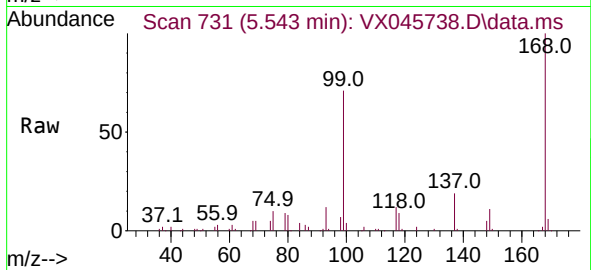
Tgt Ion: 83 Resp: 12139
Ion Ratio Lower Upper
83 100
85 59.1 52.8 79.2



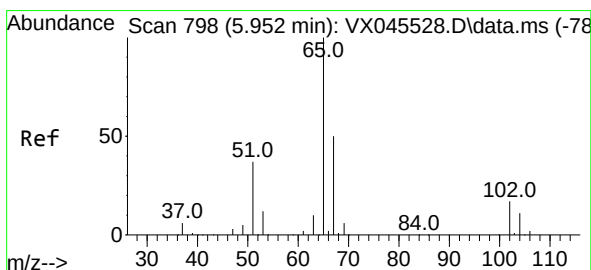
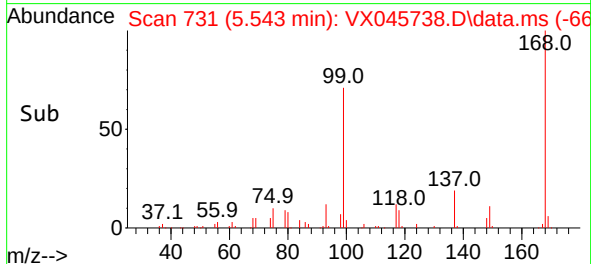
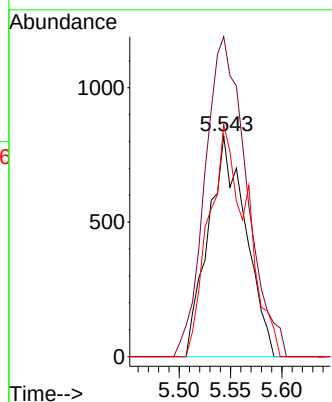


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

Instrument :
MSVOA_X
ClientSampleId :
EB01-041025

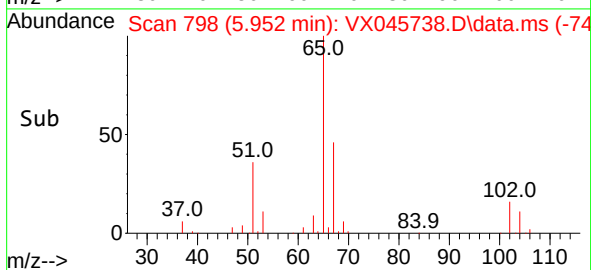
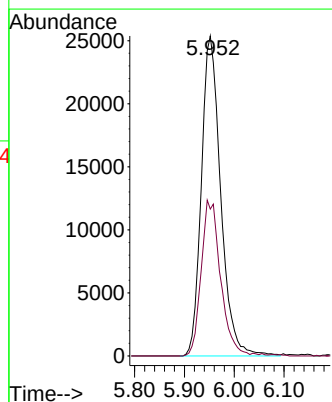
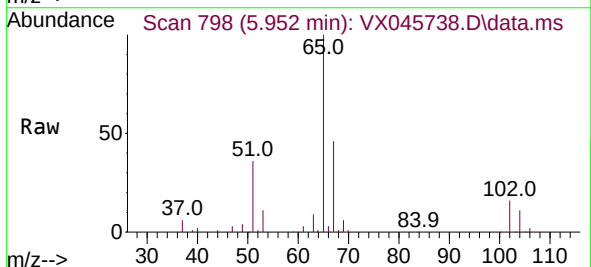


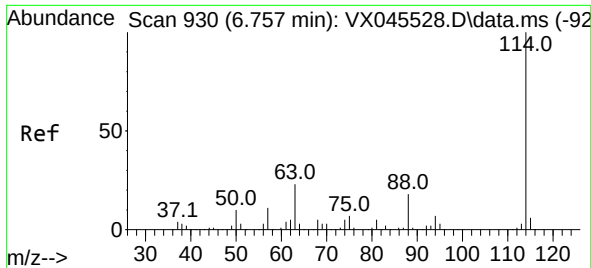
Tgt Ion: 56 Resp: 2083
Ion Ratio Lower Upper
56 100
69 138.6 23.6 35.4#
84 105.1 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 54.467 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

Tgt Ion: 65 Resp: 68388
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

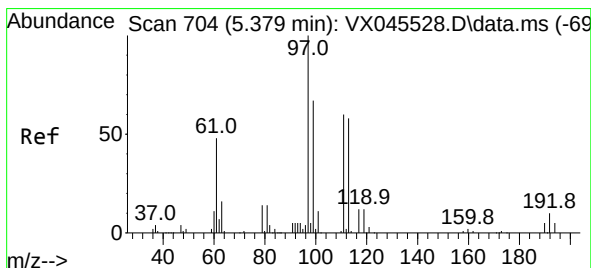
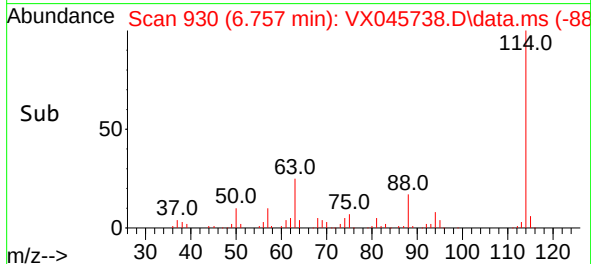
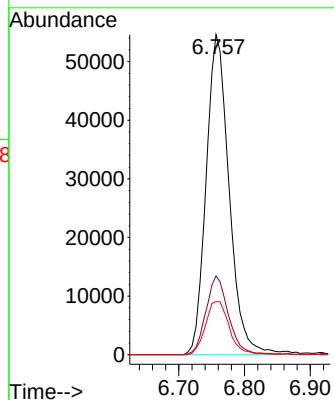
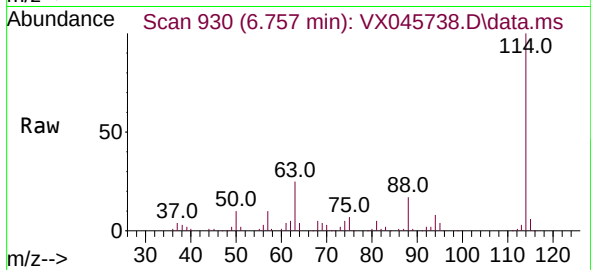




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

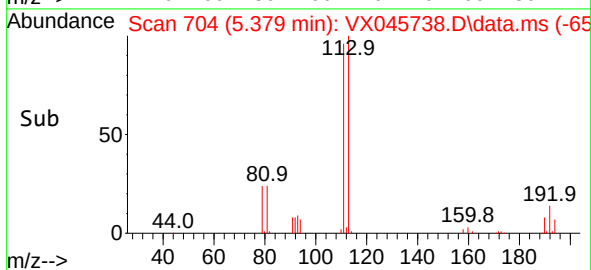
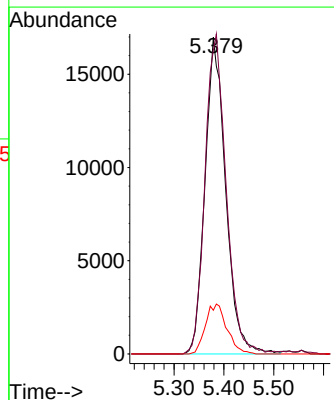
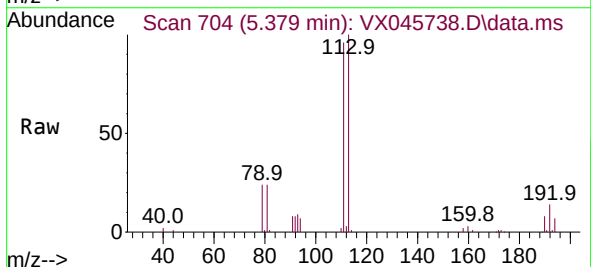
Instrument :
MSVOA_X
ClientSampleId :
EB01-041025

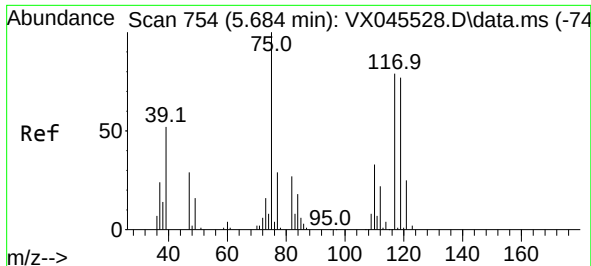
Tgt Ion:114 Resp: 132687
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.8
88 16.6 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.966 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

Tgt Ion:113 Resp: 48922
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.3 13.8 20.6

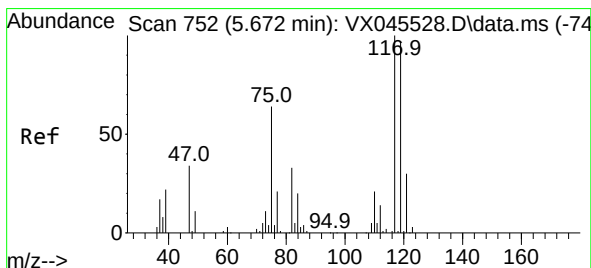
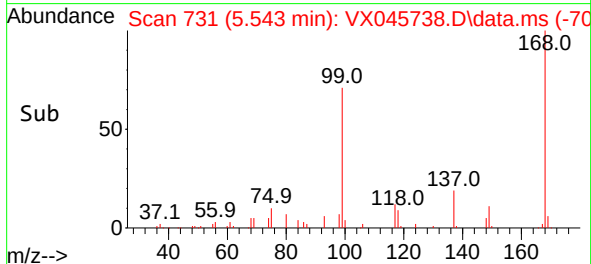
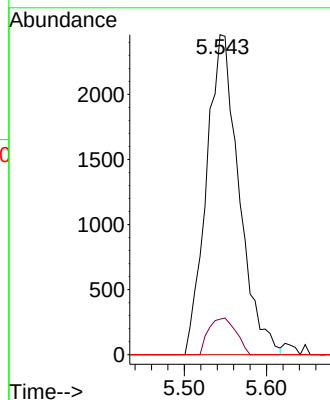
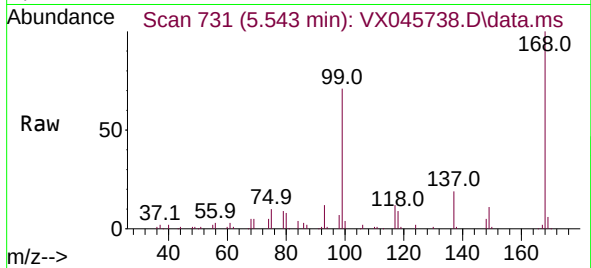




#36
1,1-Dichloropropene
Concen: 5.327 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

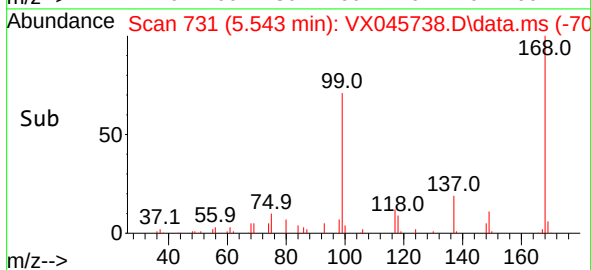
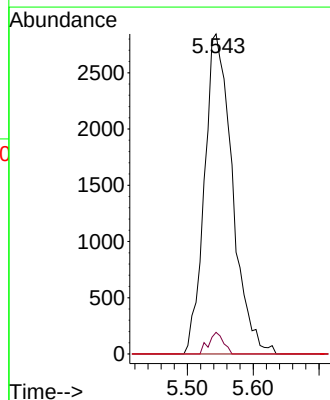
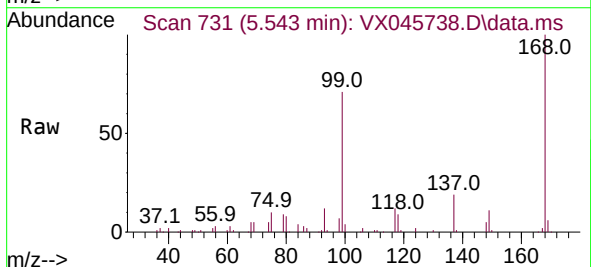
Instrument :
MSVOA_X
ClientSampleId :
EB01-041025

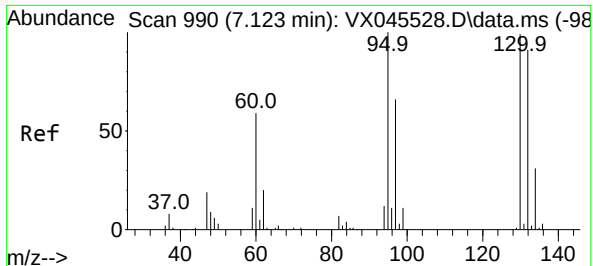
Tgt Ion: 75 Resp: 6771
Ion Ratio Lower Upper
75 100
110 9.6 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

Tgt Ion: 117 Resp: 8382
Ion Ratio Lower Upper
117 100
119 6.8 76.9 115.3#
121 0.0 24.2 36.2#

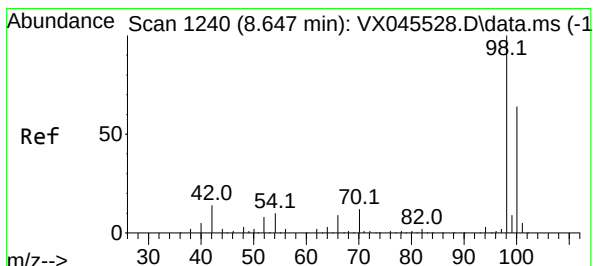
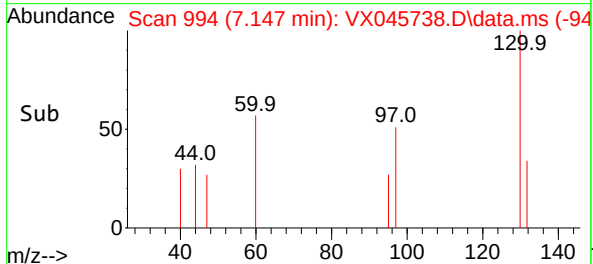
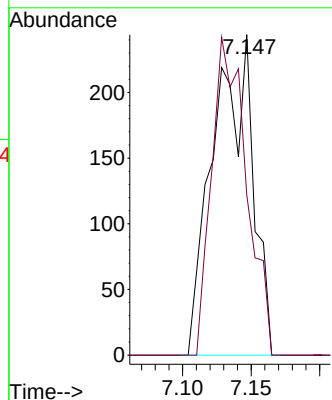
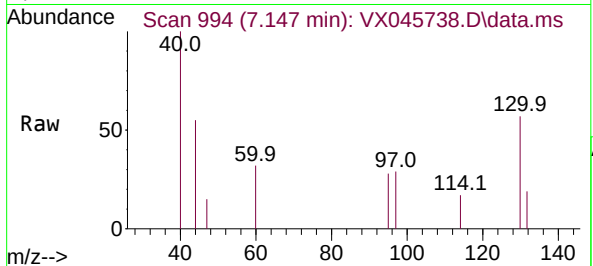




#44
 Trichloroethene
 Concen: 0.532 ug/l
 RT: 7.147 min Scan# 994
 Delta R.T. 0.024 min
 Lab File: VX045738.D
 Acq: 11 Apr 2025 13:55

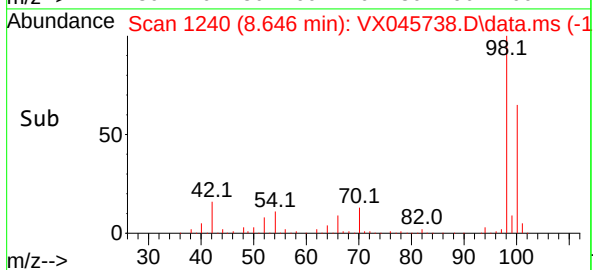
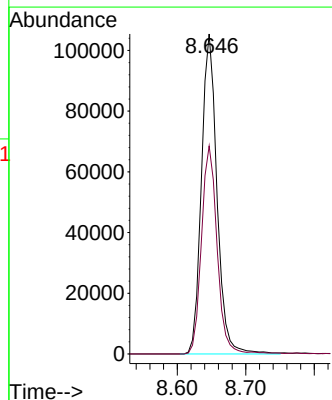
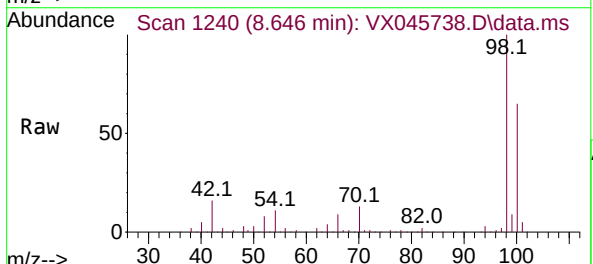
Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-041025

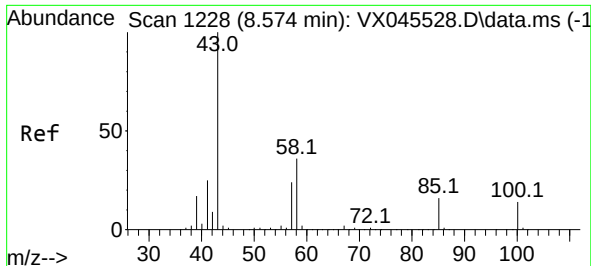
Tgt Ion:130 Resp: 491
 Ion Ratio Lower Upper
 130 100
 95 50.0 0.0 202.0



#50
 Toluene-d8
 Concen: 50.731 ug/l
 RT: 8.646 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045738.D
 Acq: 11 Apr 2025 13:55

Tgt Ion: 98 Resp: 166697
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.2 78.4

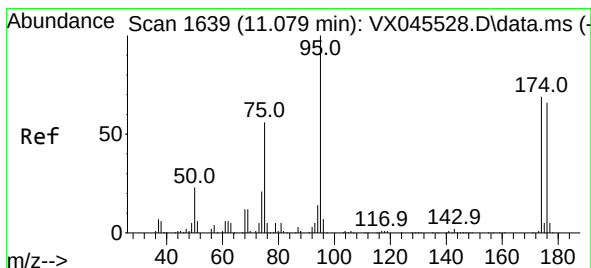
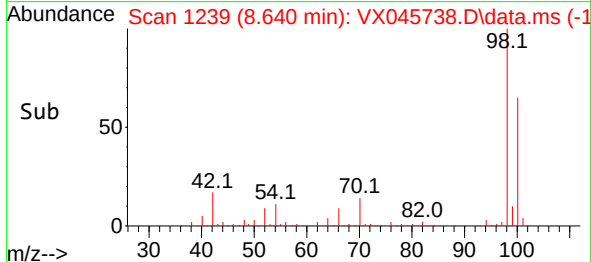
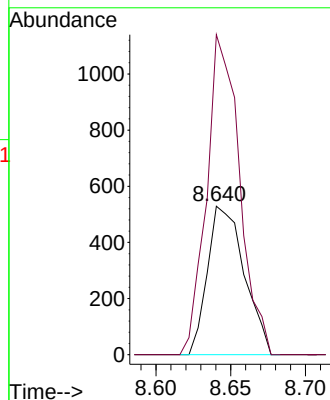
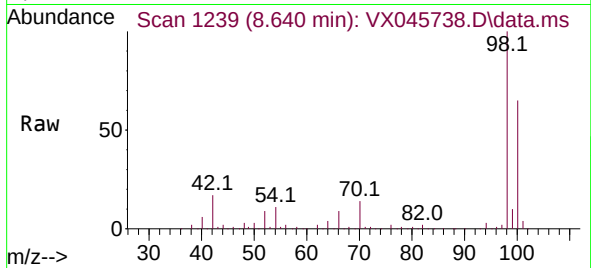




#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.640 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

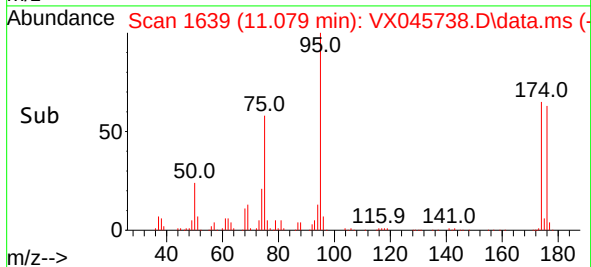
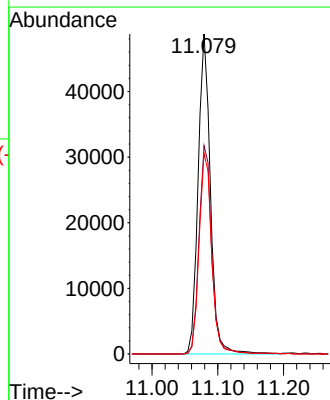
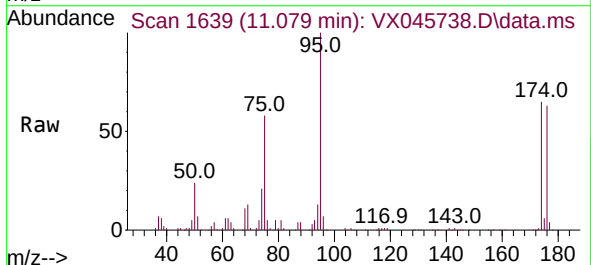
Instrument :
MSVOA_X
ClientSampleId :
EB01-041025

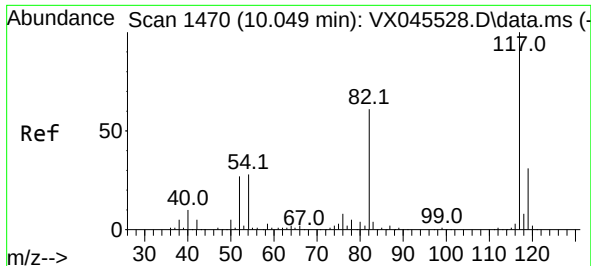
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 193.3 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 52.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

Tgt Ion: 95 Resp: 63353
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.4 0.0 131.4

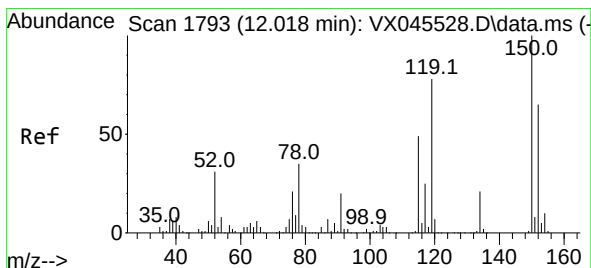
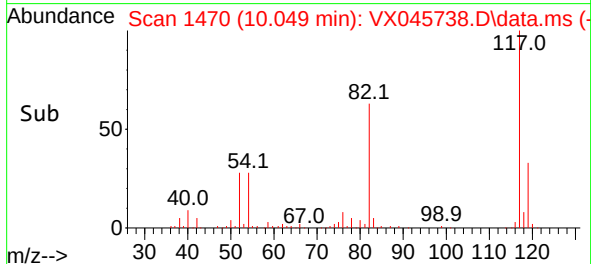
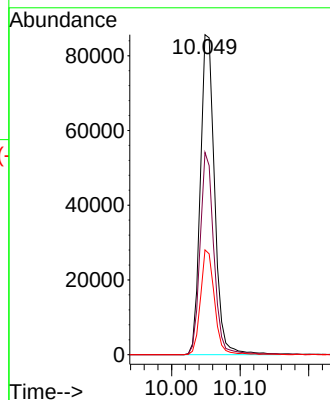
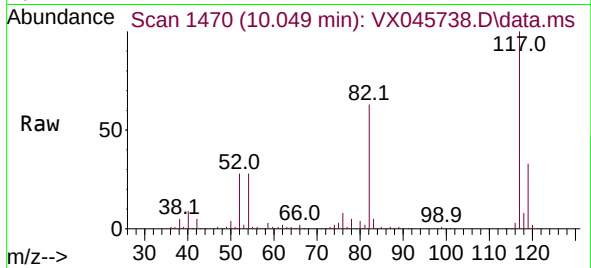




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

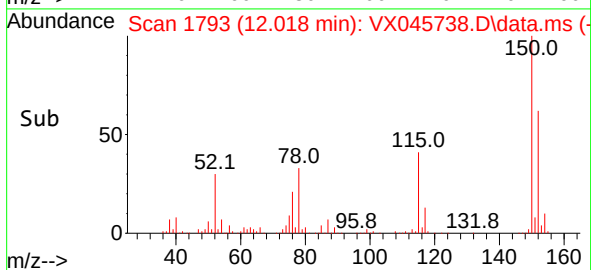
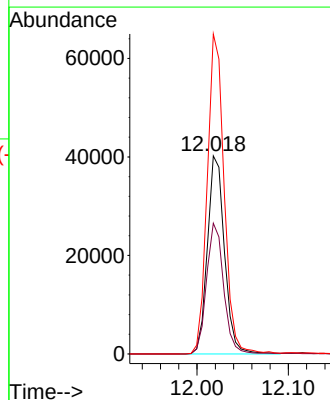
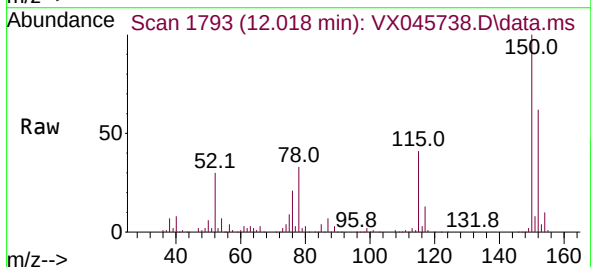
Instrument :
MSVOA_X
ClientSampleId :
EB01-041025

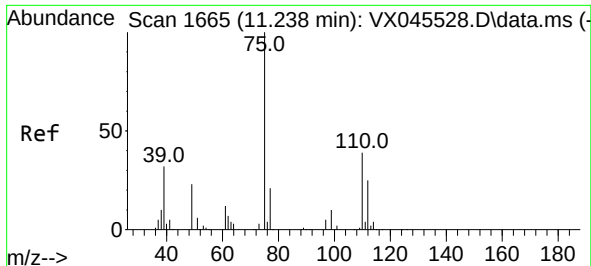
Tgt Ion:117 Resp: 124480
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

Tgt Ion:152 Resp: 52148
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 159.1 0.0 349.4

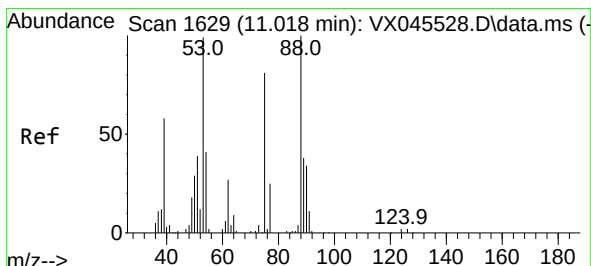
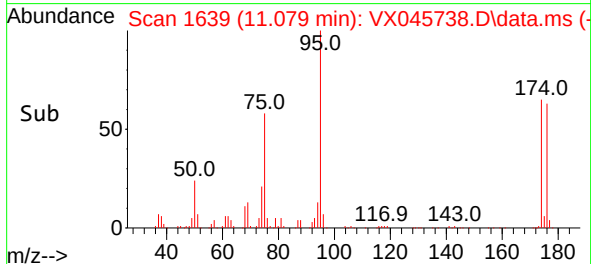
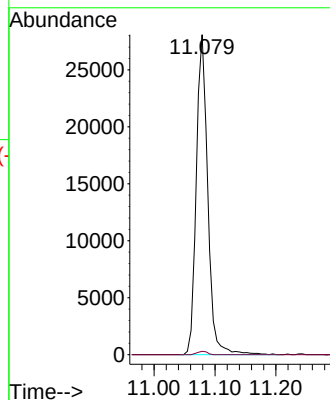
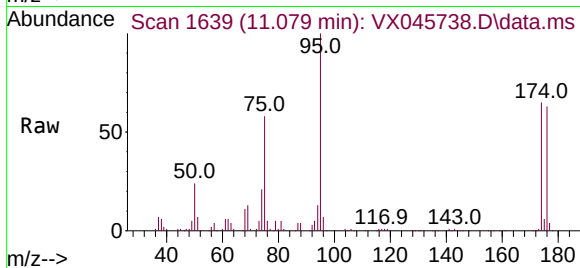




#76
1,2,3-Trichloropropane
Concen: 28.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

Instrument :
MSVOA_X
ClientSampleId :
EB01-041025

Tgt Ion: 75 Resp: 36707
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045738.D
Acq: 11 Apr 2025 13:55

Tgt Ion: 75 Resp: 36707
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

