

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045641.D
 Acq On : 08 Apr 2025 10:55
 Operator : JC/MD
 Sample : Q1746-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 09 01:34:38 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)

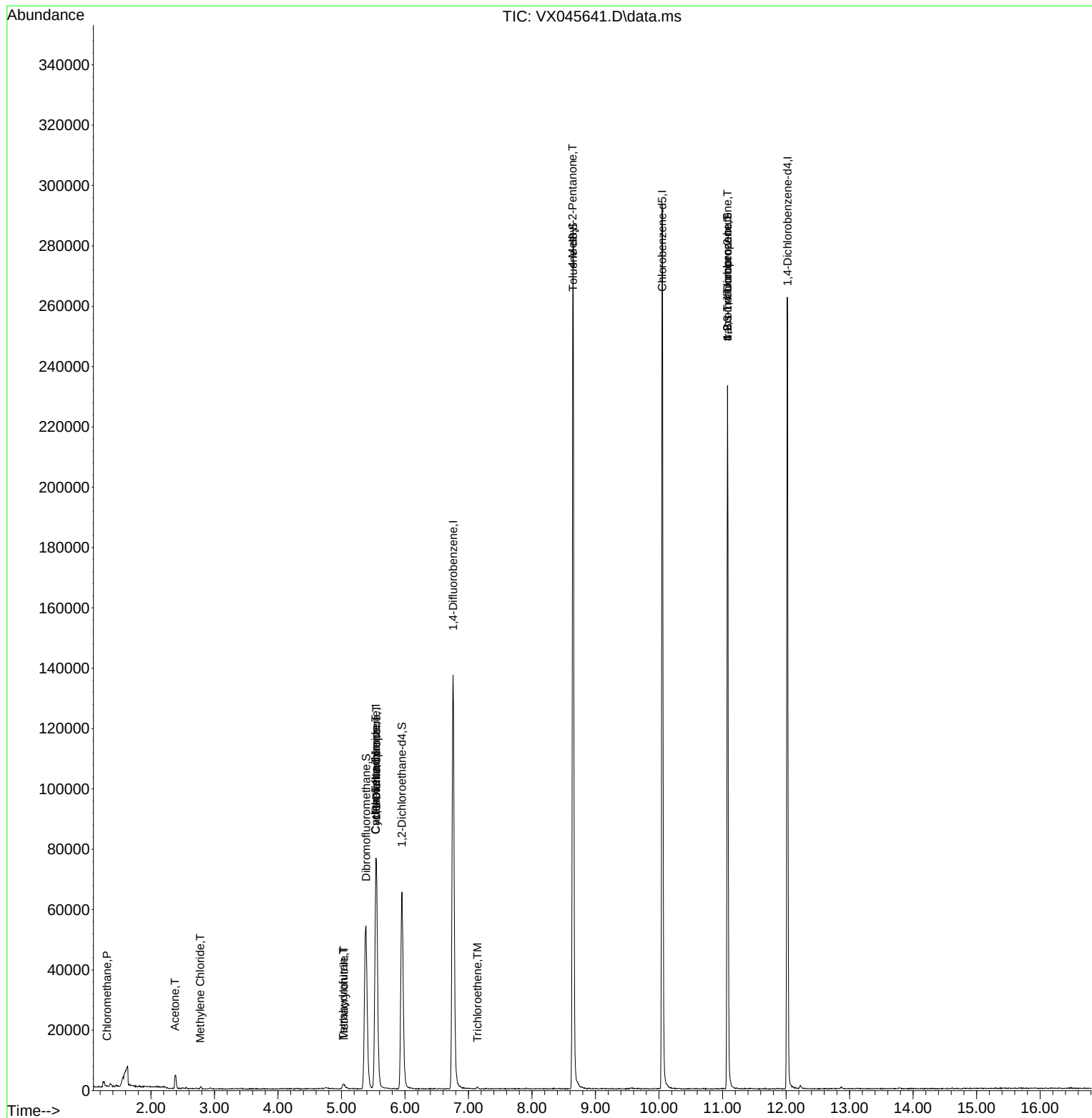
Internal Standards						
1) Pentafluorobenzene	5.543	168	65792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66630	55.379	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.760%			
35) Dibromofluoromethane	5.385	113	47792	51.780	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	8.646	98	164135	50.949	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.900%			
62) 4-Bromofluorobenzene	11.079	95	61154	52.115	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.220%			
Target Compounds			Qvalue			
3) Chloromethane	1.306	50	365	0.361	ug/l #	42
16) Acetone	2.379	43	5243	10.612	ug/l	94
20) Methylene Chloride	2.776	84	273	0.295	ug/l #	72
29) Tetrahydrofuran	5.025	42	919	1.960	ug/l #	88
31) Cyclohexane	5.537	56	2060	1.396	ug/l #	30
36) 1,1-Dichloropropene	5.549	75	6756	5.421	ug/l #	46
38) Carbon Tetrachloride	5.537	117	7998	5.938	ug/l #	16
41) Methacrylonitrile	5.037	41	943	1.138	ug/l #	53
44) Trichloroethene	7.141	130	245	0.271	ug/l	63
51) 4-Methyl-2-Pentanone	8.640	43	980	0.621	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36215	29.058	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36215	98.619	ug/l #	1

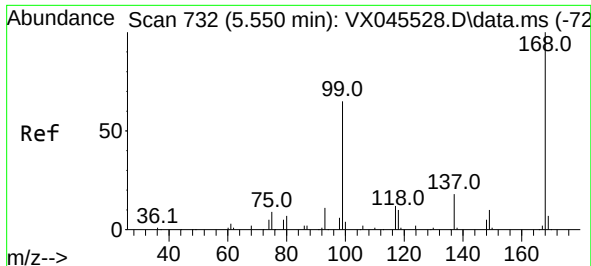
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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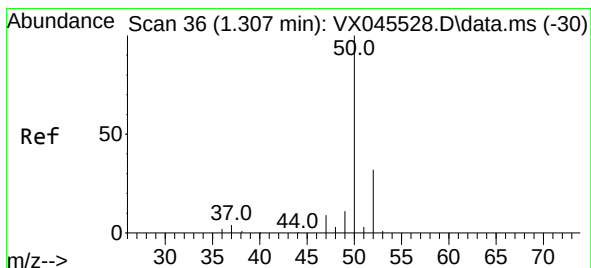
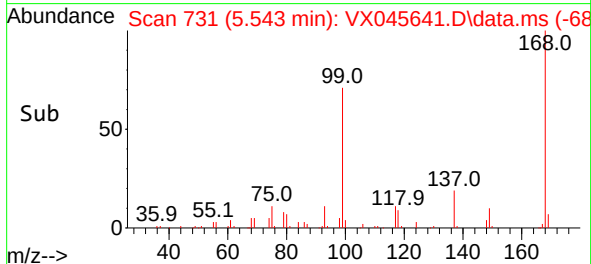
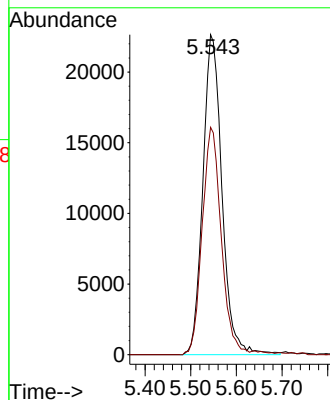
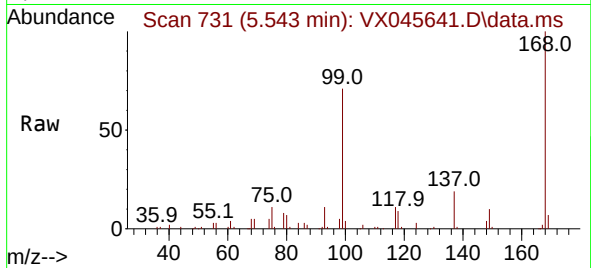




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

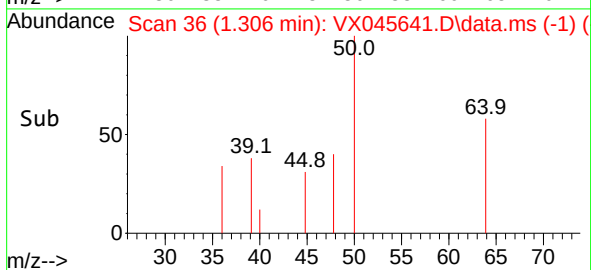
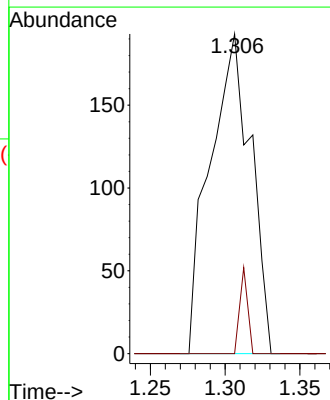
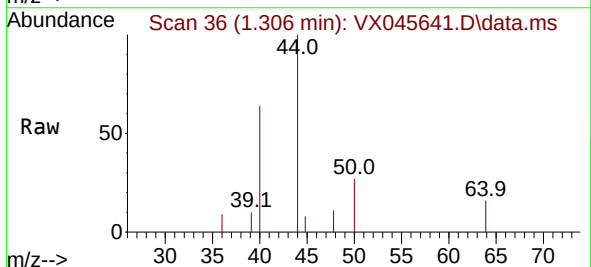
Instrument :
MSVOA_X
ClientSampleId :
EB-2025-4-7

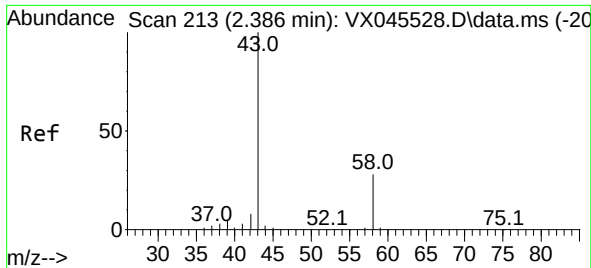
Tgt Ion:168 Resp: 65792
Ion Ratio Lower Upper
168 100
99 71.1 52.3 78.5



#3
Chloromethane
Concen: 0.361 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#16

Acetone

Concen: 10.612 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX045641.D

Acq: 08 Apr 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

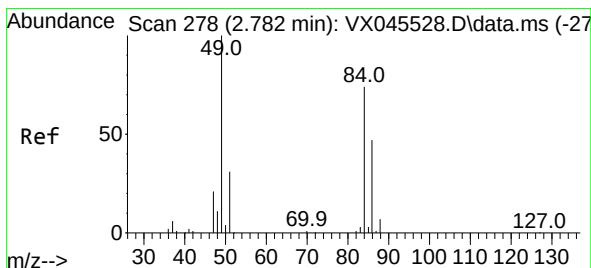
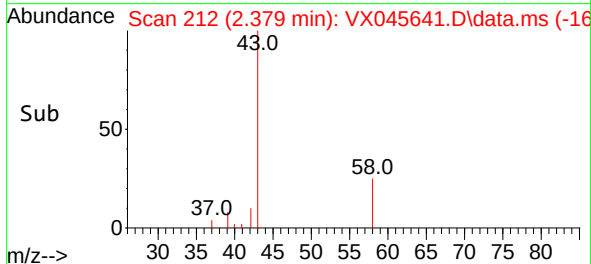
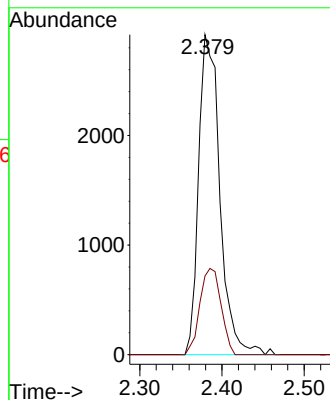
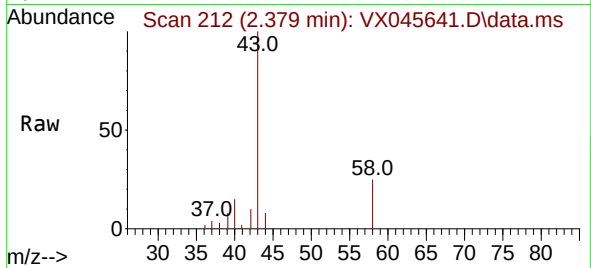
EB-2025-4-7

Tgt Ion: 43 Resp: 5243

Ion Ratio Lower Upper

43 100

58 24.6 22.3 33.5



#20

Methylene Chloride

Concen: 0.295 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.006 min

Lab File: VX045641.D

Acq: 08 Apr 2025 10:55

Tgt Ion: 84 Resp: 273

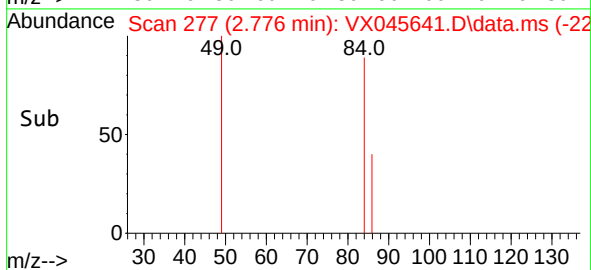
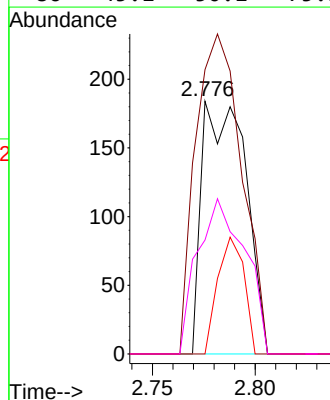
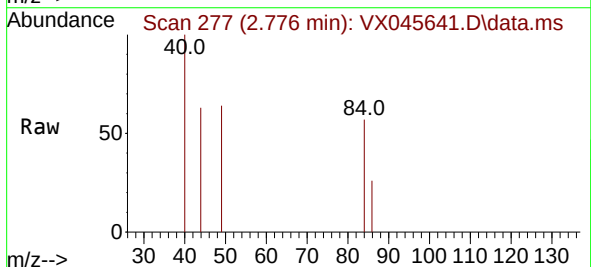
Ion Ratio Lower Upper

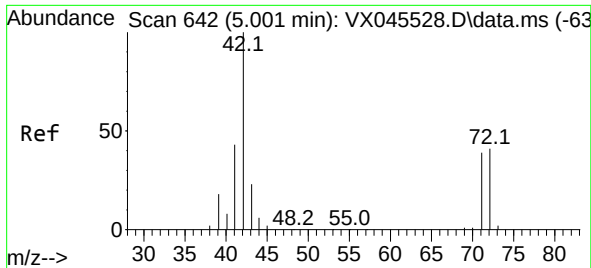
84 100

49 112.5 107.5 161.3

51 0.0 33.0 49.6#

86 45.1 50.1 75.1#





#29

Tetrahydrofuran

Concen: 1.960 ug/l

RT: 5.025 min Scan# 642

Delta R.T. 0.024 min

Lab File: VX045641.D

Acq: 08 Apr 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

EB-2025-4-7

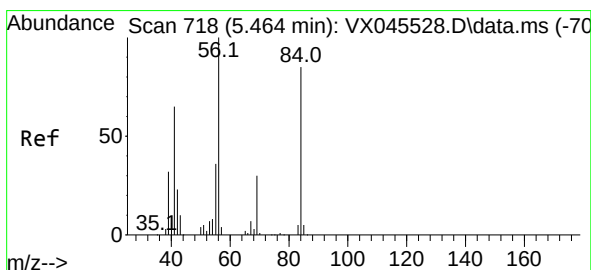
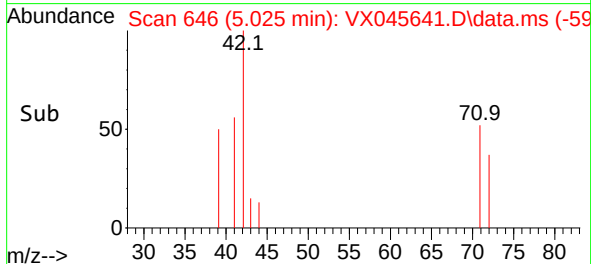
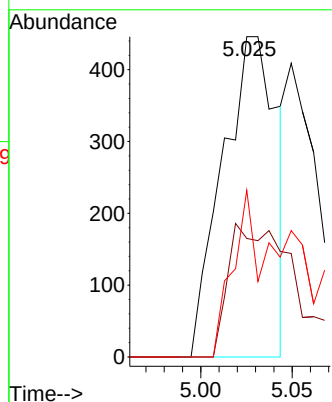
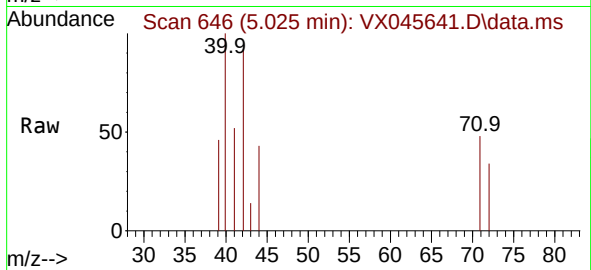
Tgt Ion: 42 Resp: 919

Ion Ratio Lower Upper

42 100

72 52.0 33.4 50.0#

71 34.4 31.4 47.0



#31

Cyclohexane

Concen: 1.396 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX045641.D

Acq: 08 Apr 2025 10:55

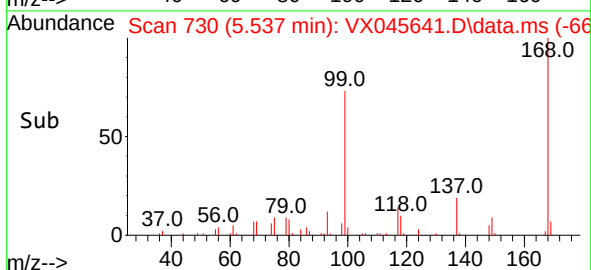
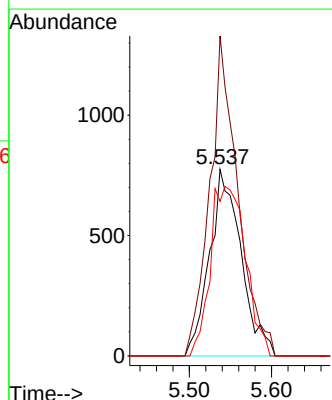
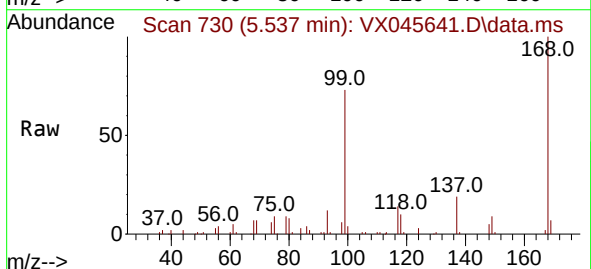
Tgt Ion: 56 Resp: 2060

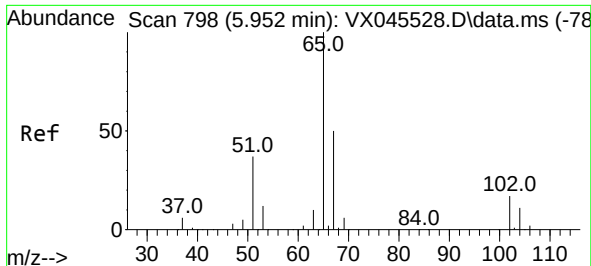
Ion Ratio Lower Upper

56 100

69 171.5 23.6 35.4#

84 82.8 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 55.379 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045641.D

Acq: 08 Apr 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

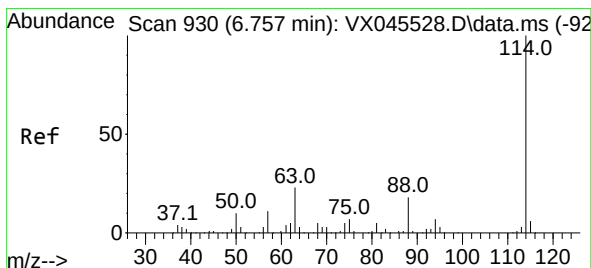
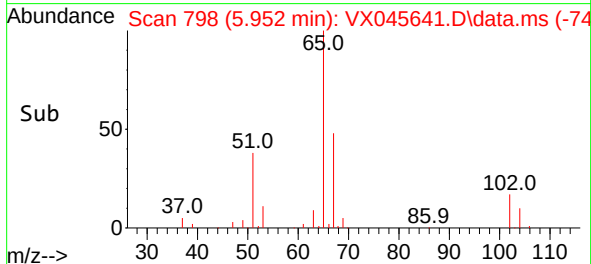
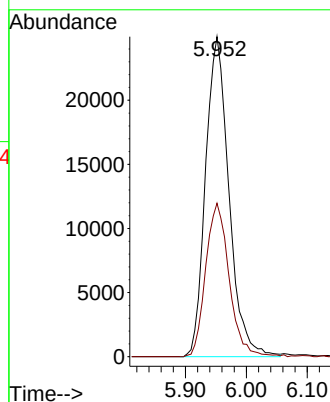
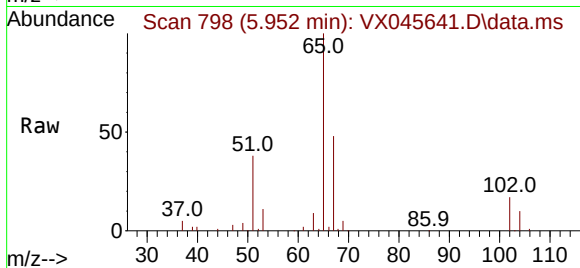
EB-2025-4-7

Tgt Ion: 65 Resp: 66630

Ion Ratio Lower Upper

65 100

67 48.2 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: VX045641.D

Acq: 08 Apr 2025 10:55

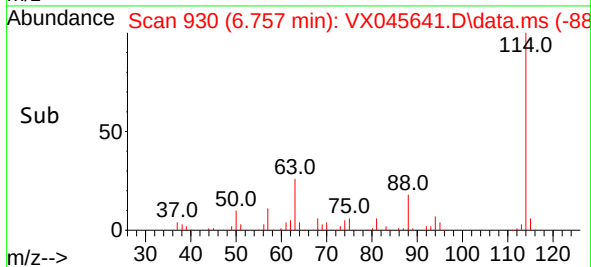
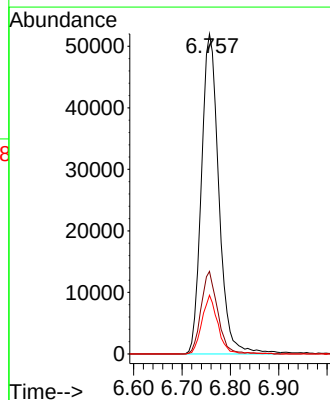
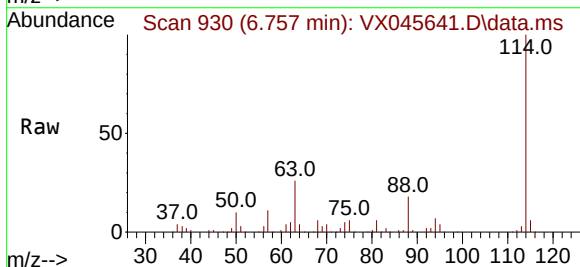
Tgt Ion: 114 Resp: 130088

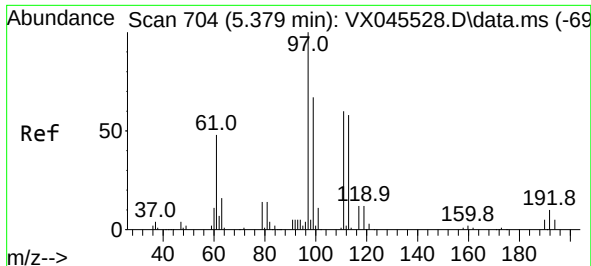
Ion Ratio Lower Upper

114 100

63 25.8 0.0 46.8

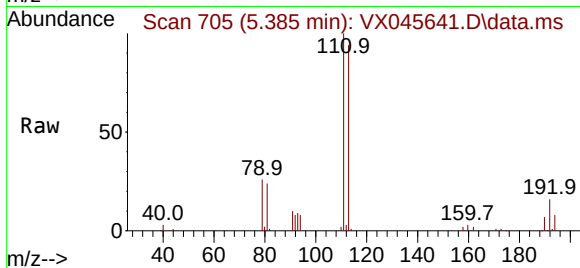
88 18.4 0.0 35.4



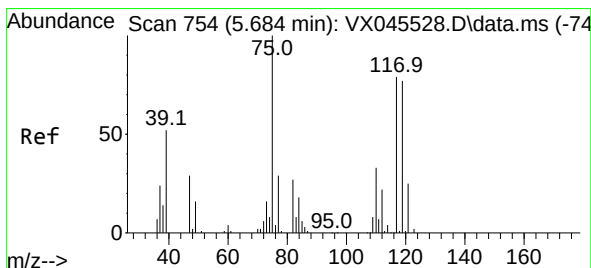
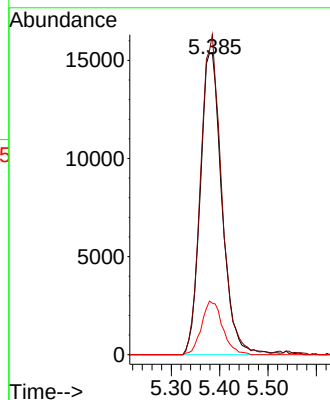
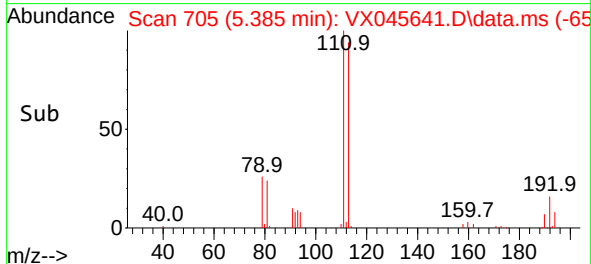


#35
Dibromofluoromethane
Concen: 51.780 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

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

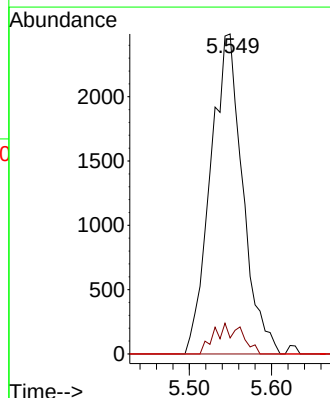
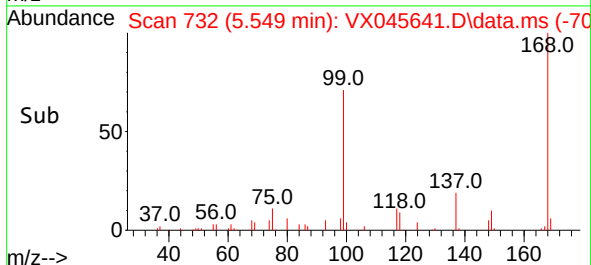
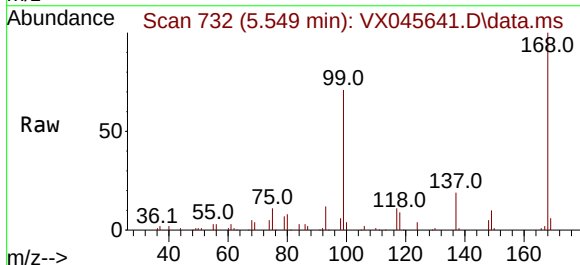


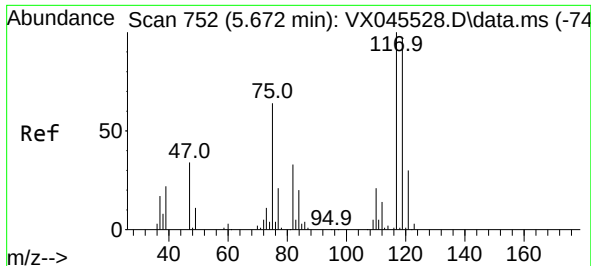
Tgt Ion:113 Resp: 47792
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 17.3 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.421 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

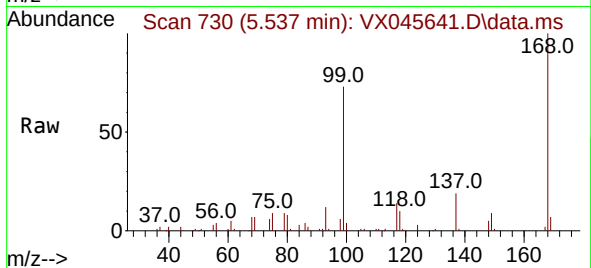
Tgt Ion: 75 Resp: 6756
Ion Ratio Lower Upper
75 100
110 4.7 16.9 50.6#
77 0.0 25.0 37.4#



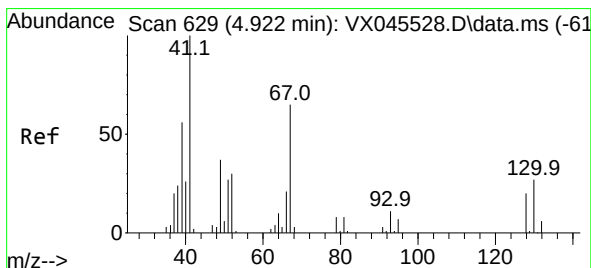
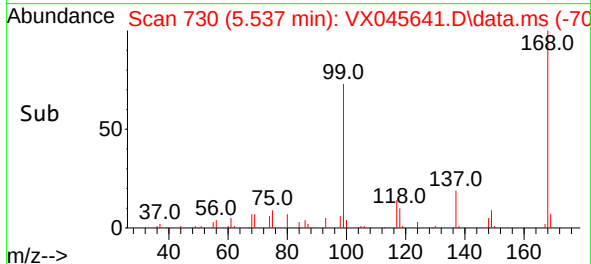
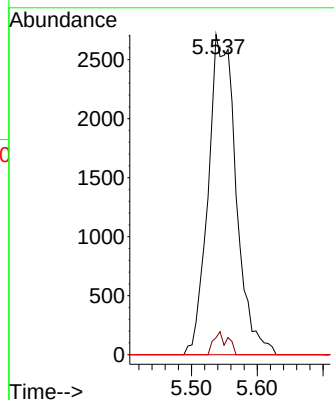


#38
Carbon Tetrachloride
Concen: 5.938 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

Instrument :
MSVOA_X
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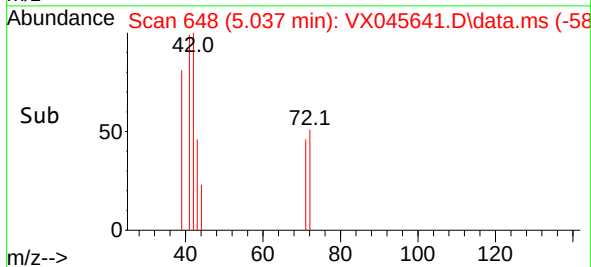
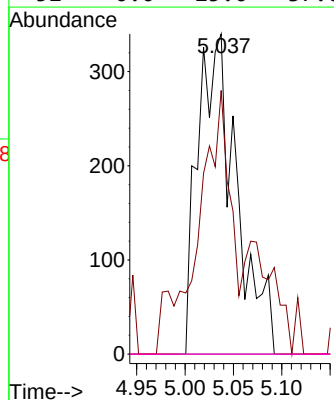
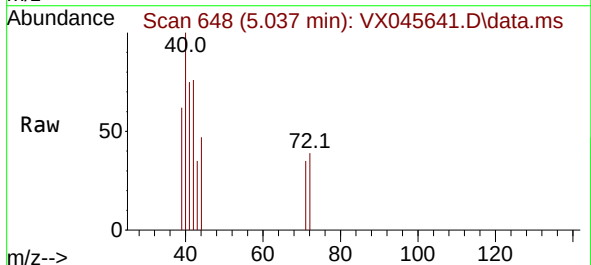


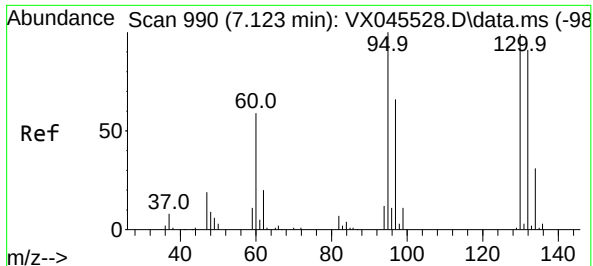
Tgt Ion: 117 Resp: 7998
Ion Ratio Lower Upper
117 100
119 5.3 76.9 115.3#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 1.138 ug/l
RT: 5.037 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

Tgt Ion: 41 Resp: 943
Ion Ratio Lower Upper
41 100
39 57.6 47.0 70.6
67 0.0 53.2 79.8#
52 0.0 25.0 37.6#

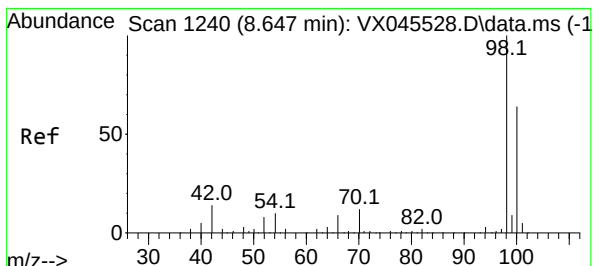
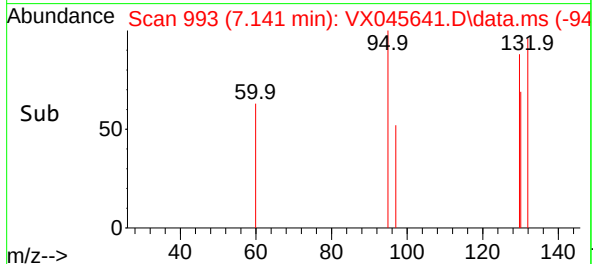
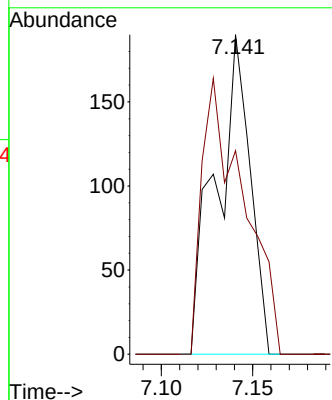
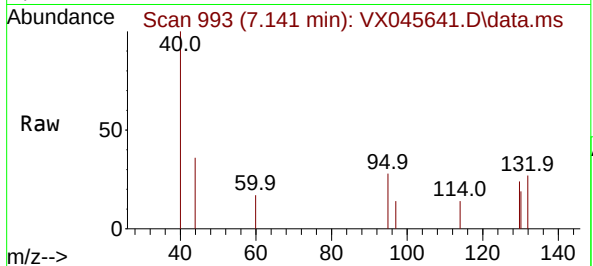




#44
 Trichloroethene
 Concen: 0.271 ug/l
 RT: 7.141 min Scan# 990
 Delta R.T. 0.018 min
 Lab File: VX045641.D
 Acq: 08 Apr 2025 10:55

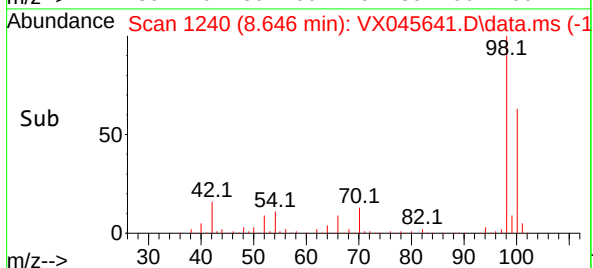
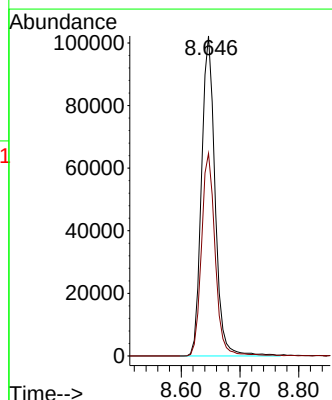
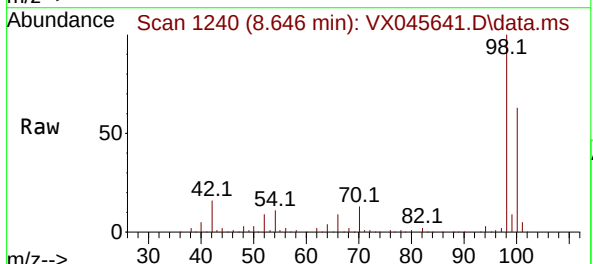
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2025-4-7

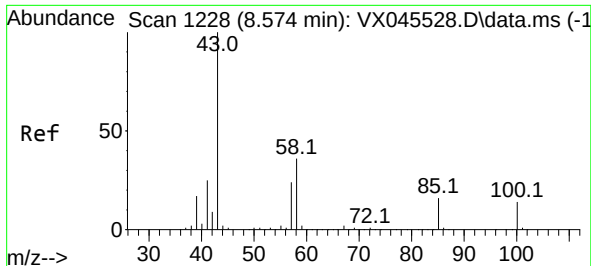
Tgt Ion:130 Resp: 245
 Ion Ratio Lower Upper
 130 100
 95 63.7 0.0 202.0



#50
 Toluene-d8
 Concen: 50.949 ug/l
 RT: 8.646 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045641.D
 Acq: 08 Apr 2025 10:55

Tgt Ion: 98 Resp: 164135
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.2 78.4

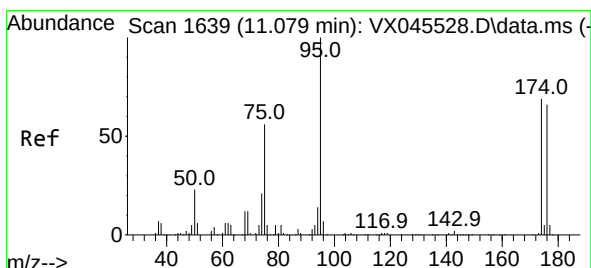
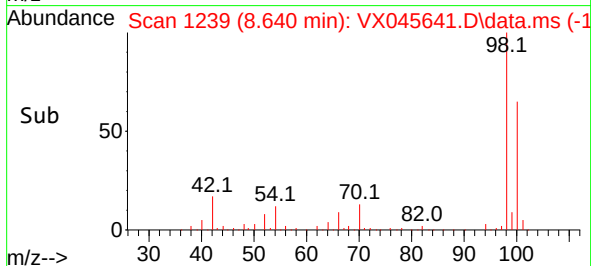
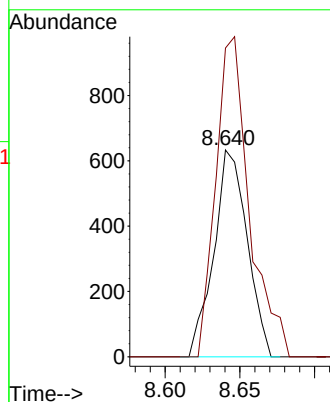
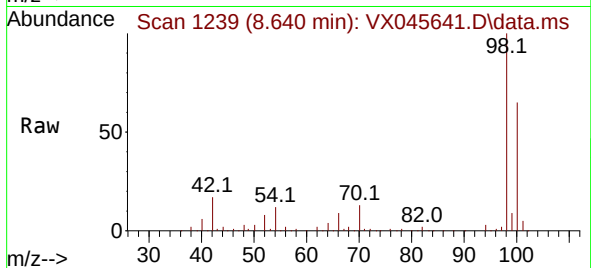




#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 8.640 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

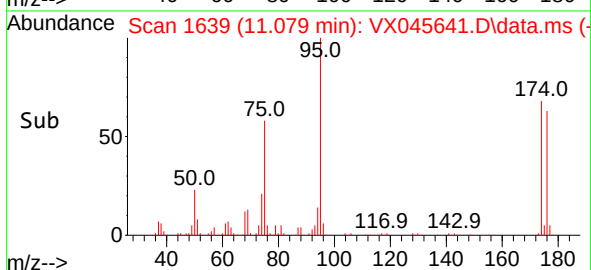
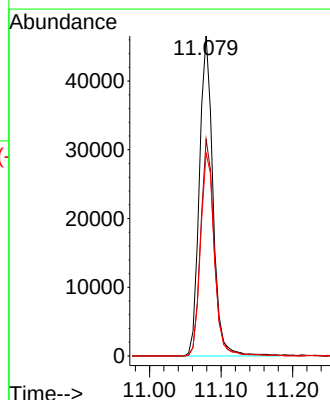
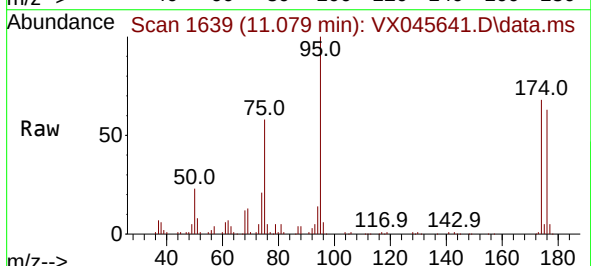
Instrument :
MSVOA_X
ClientSampleId :
EB-2025-4-7

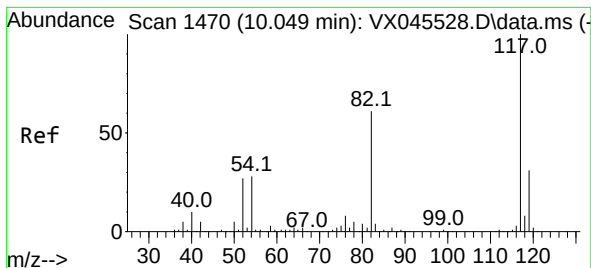
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 155.8 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 52.115 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

Tgt Ion: 95 Resp: 61154
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 64.7 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: VX045641.D

Acq: 08 Apr 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

EB-2025-4-7

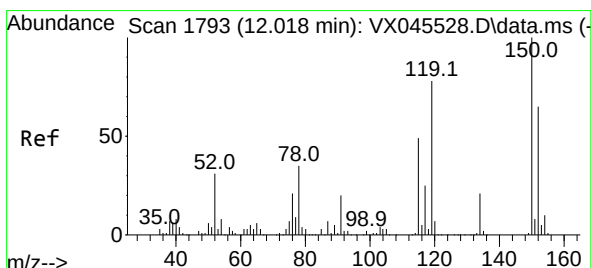
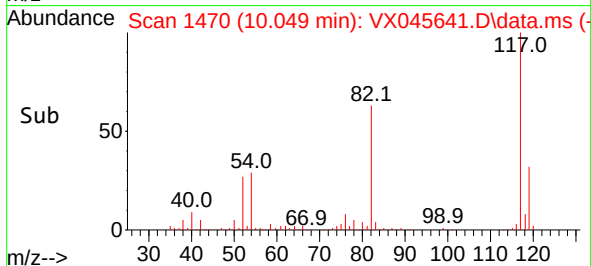
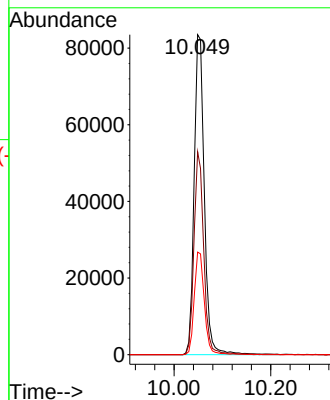
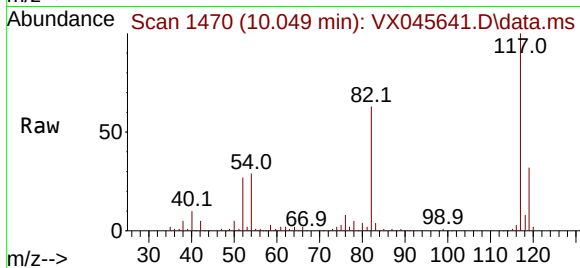
Tgt Ion:117 Resp: 121595

Ion Ratio Lower Upper

117 100

82 63.4 49.2 73.8

119 32.1 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: VX045641.D

Acq: 08 Apr 2025 10:55

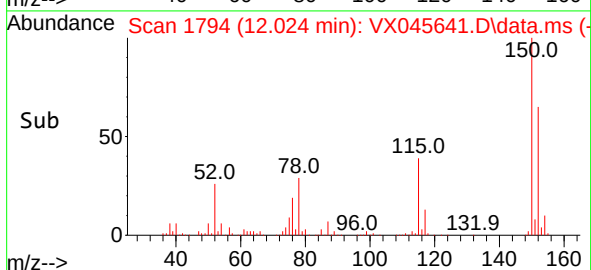
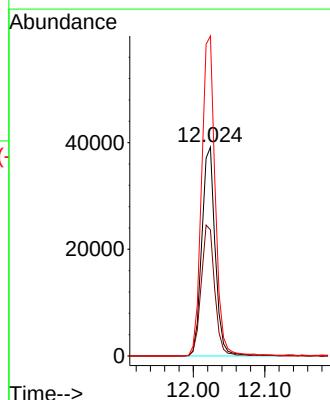
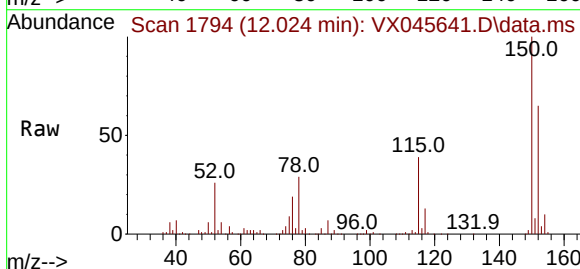
Tgt Ion:152 Resp: 51094

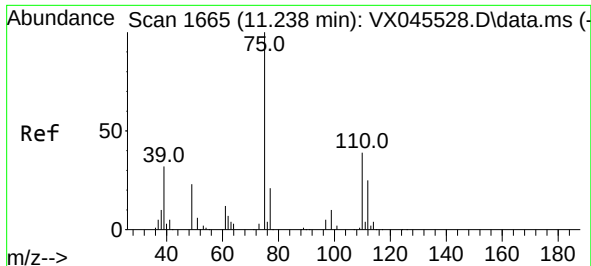
Ion Ratio Lower Upper

152 100

115 63.5 46.9 140.7

150 155.4 0.0 349.4

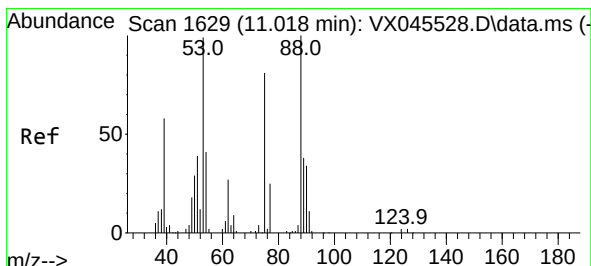
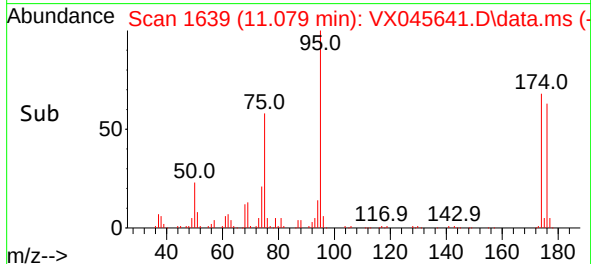
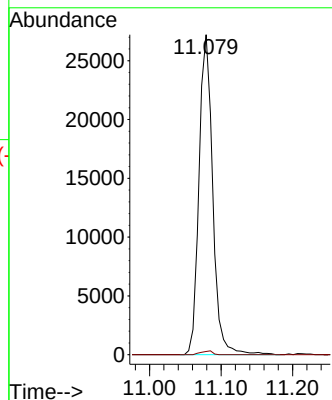
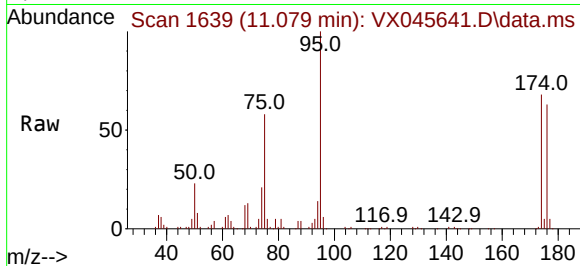




#76
1,2,3-Trichloropropane
Concen: 29.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

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

Tgt Ion: 75 Resp: 36215
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045641.D
Acq: 08 Apr 2025 10:55

Tgt Ion: 75 Resp: 36215
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

