

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045148.D
 Acq On : 05 Mar 2025 17:28
 Operator : JC/MD
 Sample : Q1501-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-05-465-030525

Quant Time: Mar 06 01:10:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

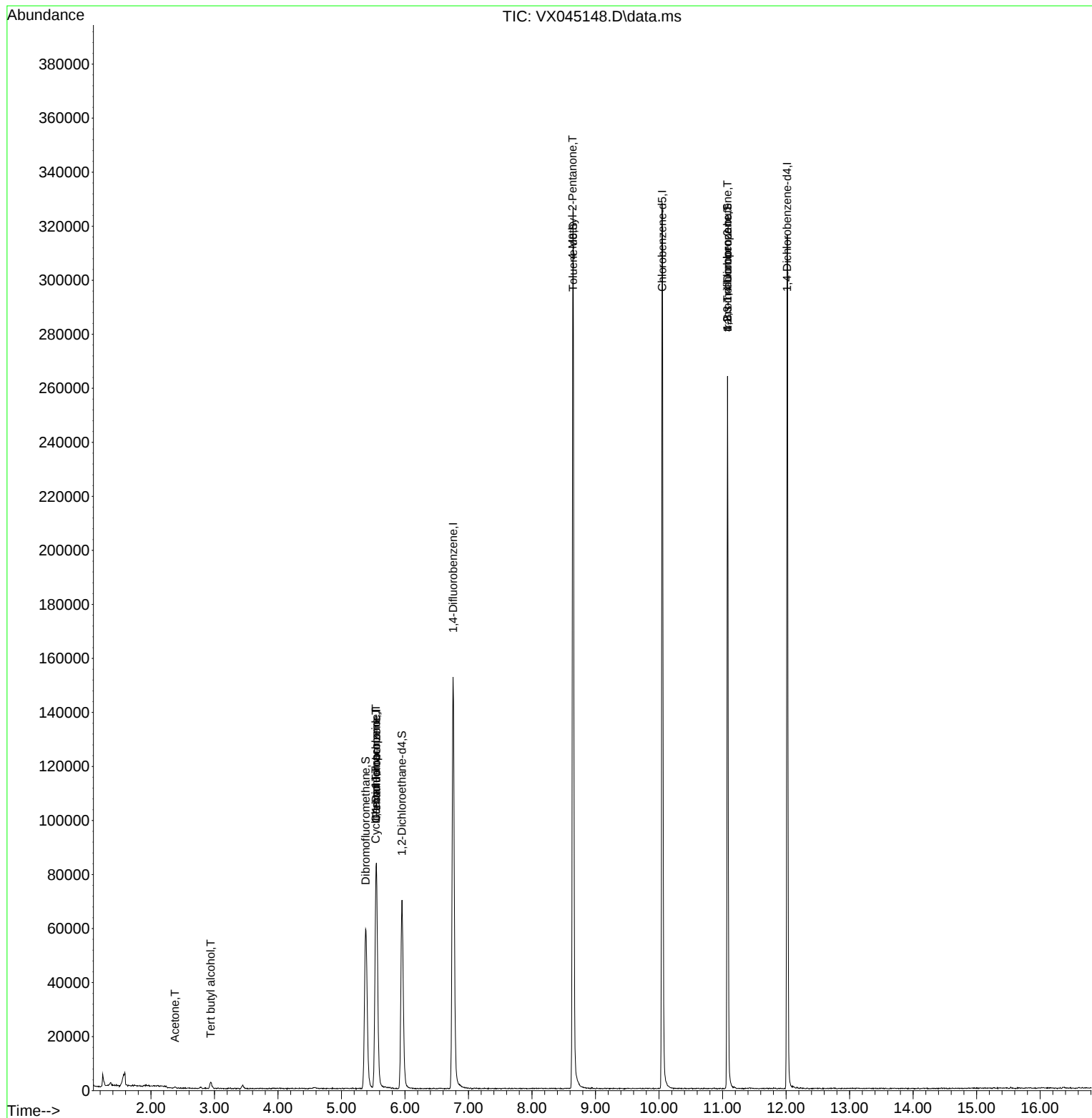
Internal Standards						
1) Pentafluorobenzene	5.550	168	76624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63931	52.453	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.900%	
35) Dibromofluoromethane	5.379	113	53061	51.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	8.647	98	194343	51.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	11.079	95	66128	52.956	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1352	5.856	ug/l #	73
16) Acetone	2.380	43	500	0.884	ug/l #	88
31) Cyclohexane	5.538	56	2004	1.209	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	7018	4.923	ug/l #	47
38) Carbon Tetrachloride	5.544	117	8371	5.784	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	928	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35937	25.000	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35937	85.554	ug/l #	6

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

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Quant Title : SW846 8260
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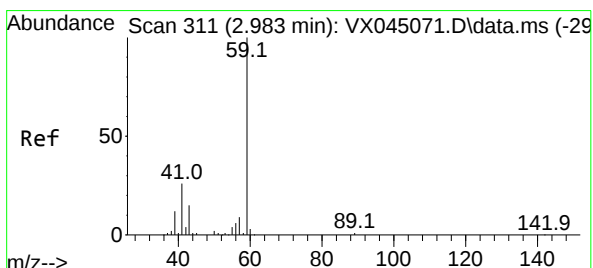
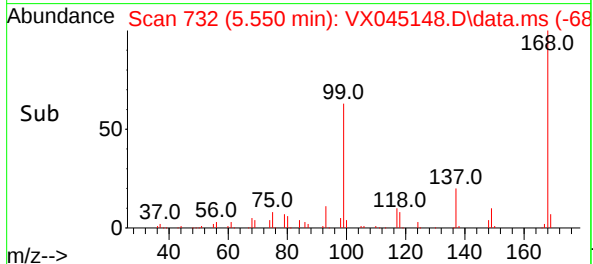
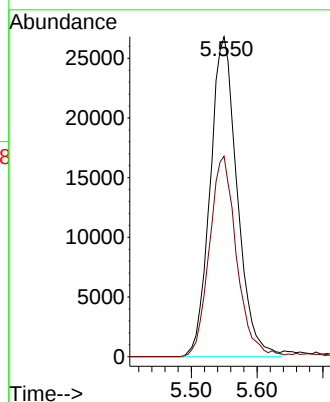
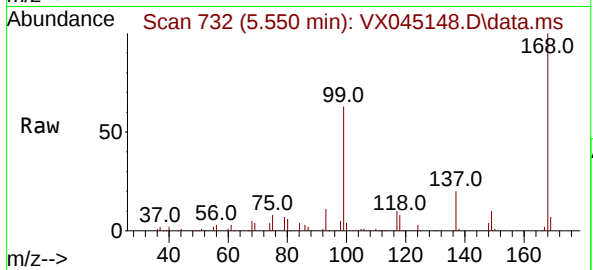




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

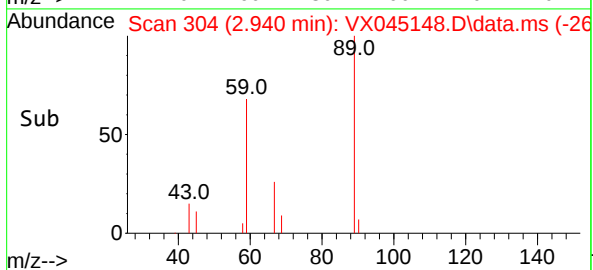
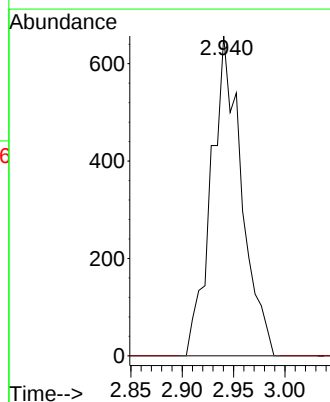
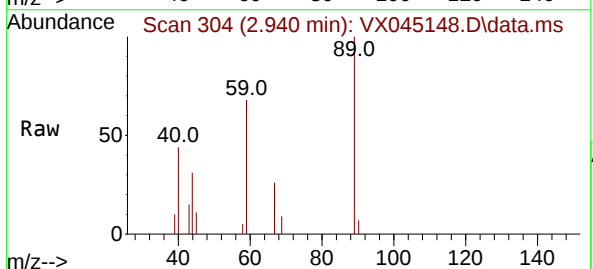
Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525

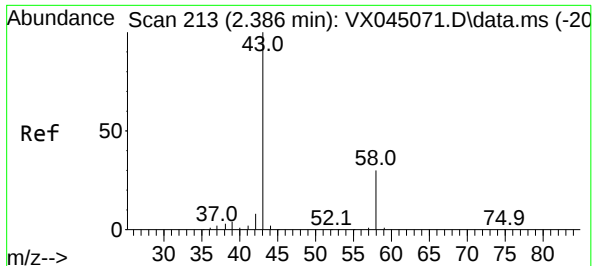
Tgt Ion:168 Resp: 76624
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4



#11
Tert butyl alcohol
Concen: 5.856 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Tgt Ion: 59 Resp: 1352
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

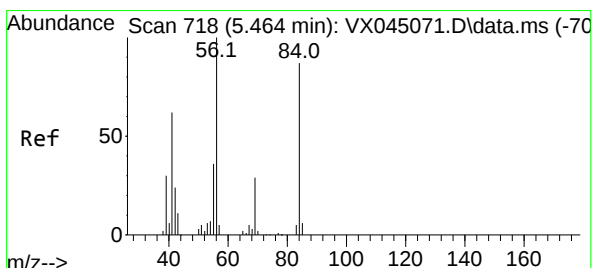
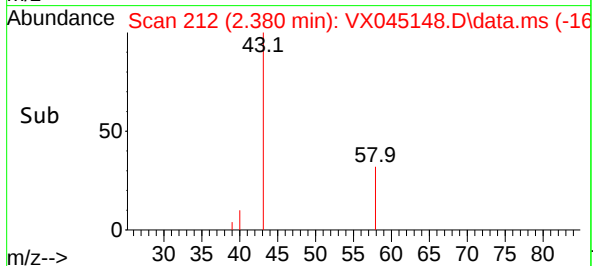
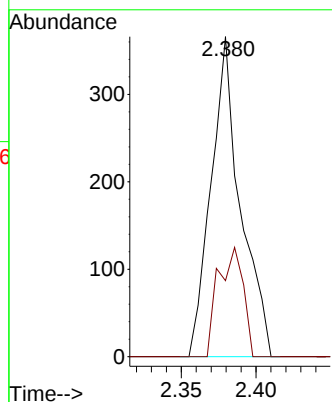
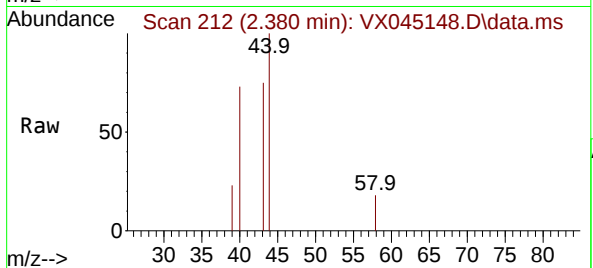




#16
Acetone
Concen: 0.884 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

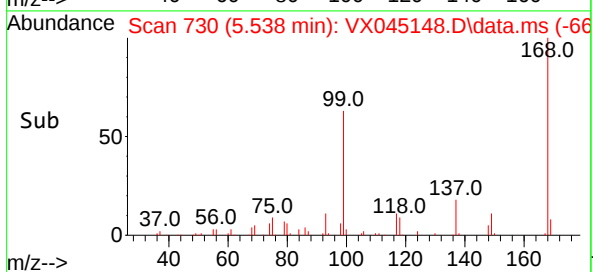
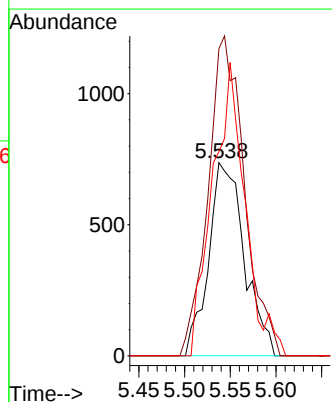
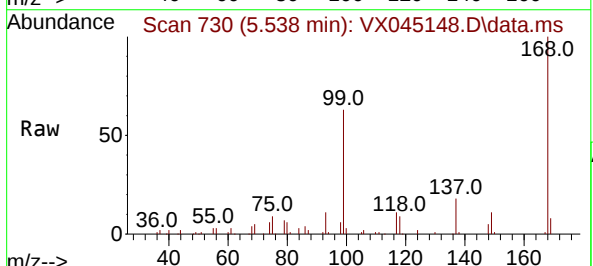
Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525

Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 23.8 24.2 36.4#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Tgt Ion: 56 Resp: 2004
Ion Ratio Lower Upper
56 100
69 159.0 23.4 35.2#
84 105.7 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 52.453 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045148.D

Acq: 05 Mar 2025 17:28

Instrument :

MSVOA_X

ClientSampleId :

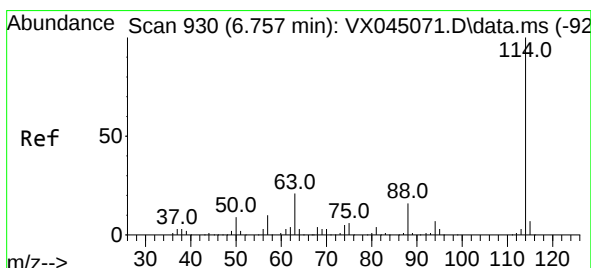
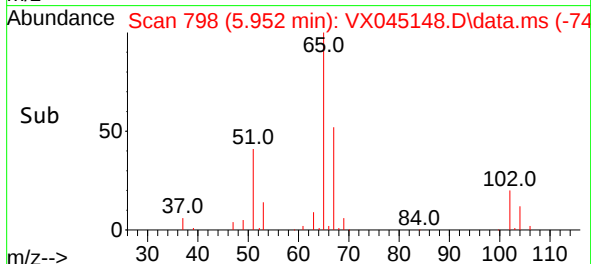
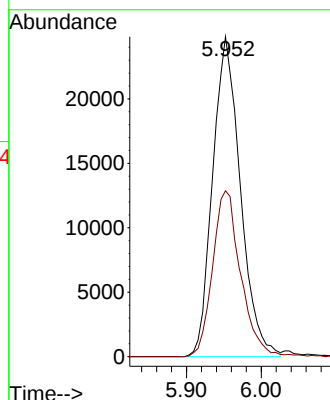
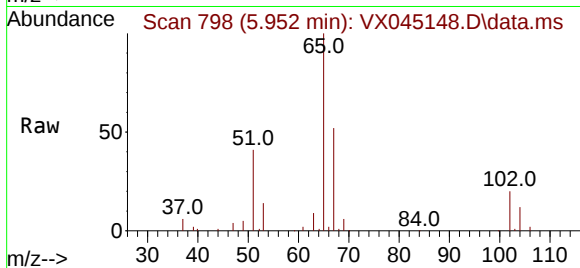
BR-05-465-030525

Tgt Ion: 65 Resp: 63931

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045148.D

Acq: 05 Mar 2025 17:28

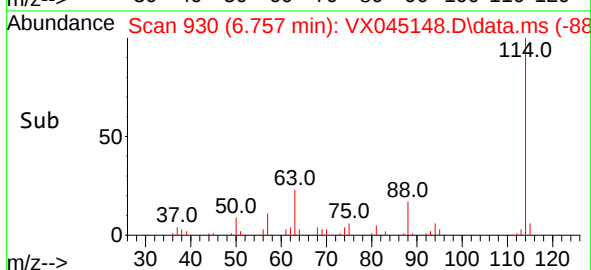
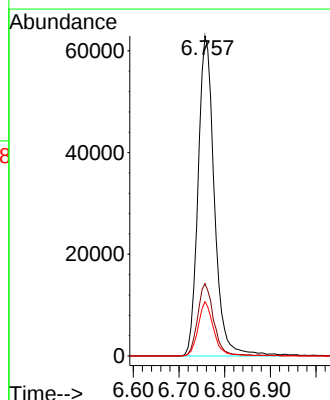
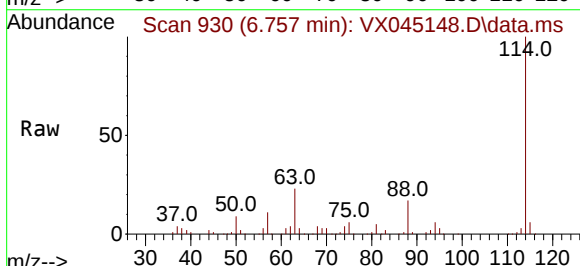
Tgt Ion: 114 Resp: 155452

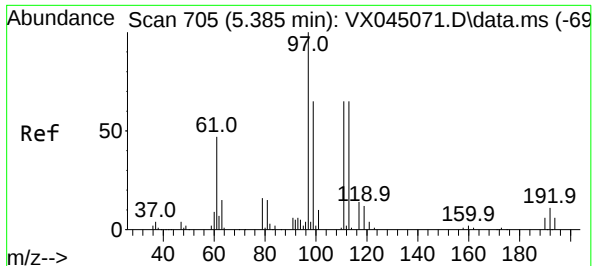
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 16.9 0.0 32.8

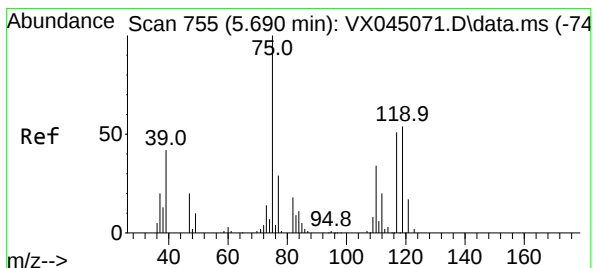
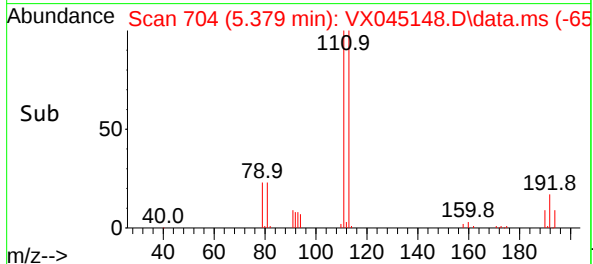
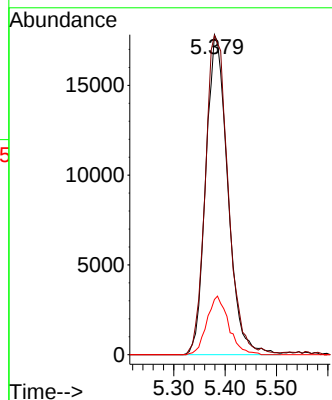
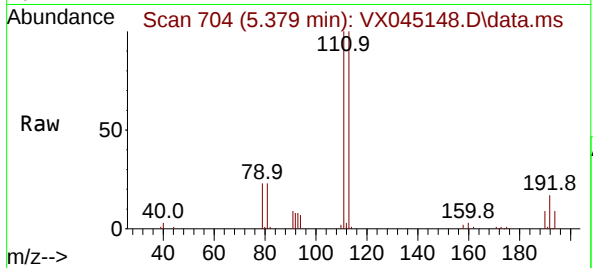




#35
Dibromofluoromethane
Concen: 51.046 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

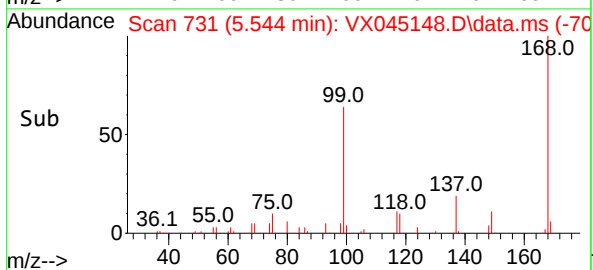
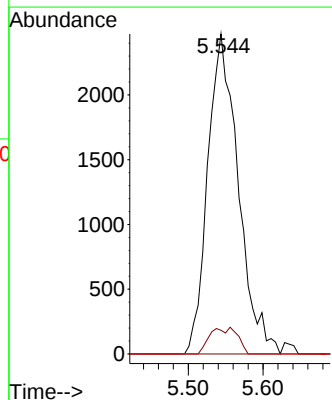
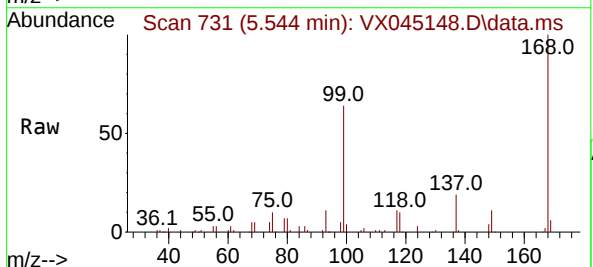
Instrument :
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BR-05-465-030525

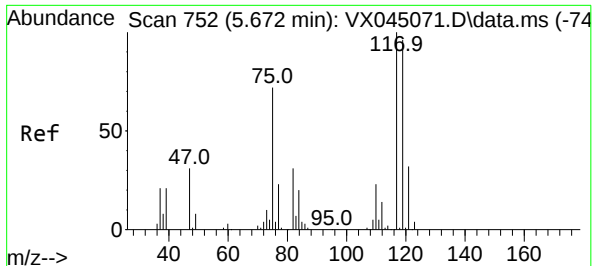
Tgt Ion:113 Resp: 53061
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 18.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.923 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

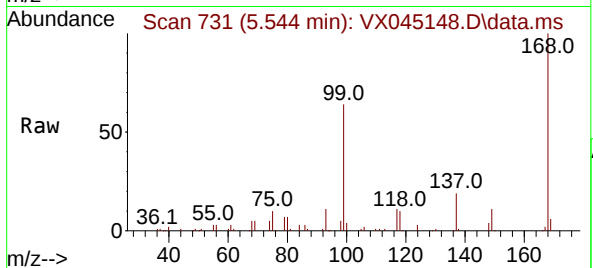
Tgt Ion: 75 Resp: 7018
Ion Ratio Lower Upper
75 100
110 4.6 16.9 50.6#
77 0.0 24.5 36.7#



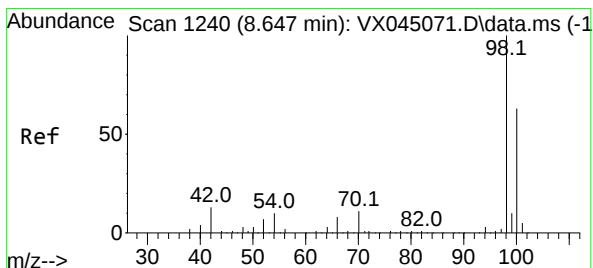
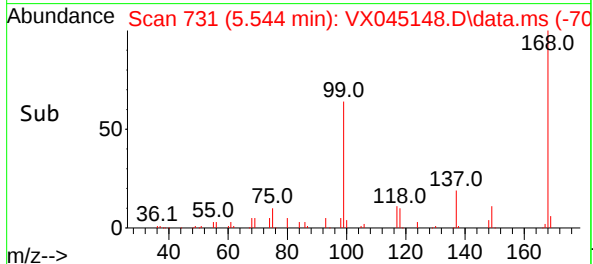
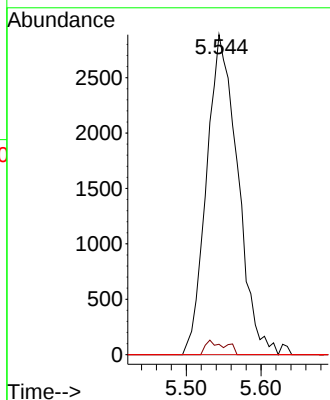


#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525

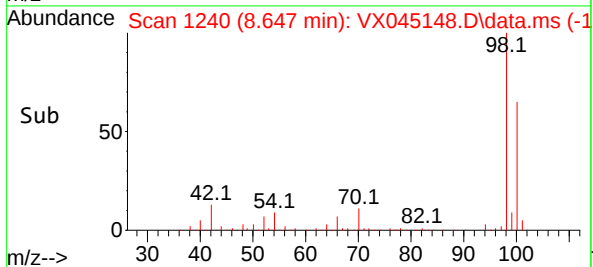
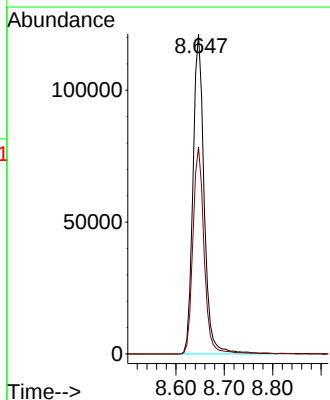
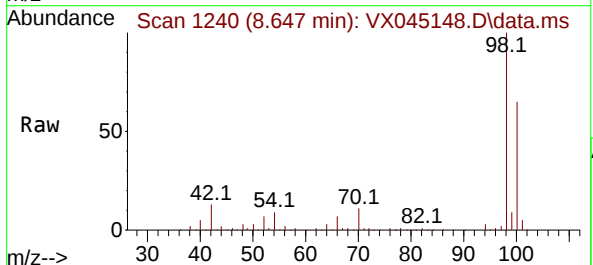


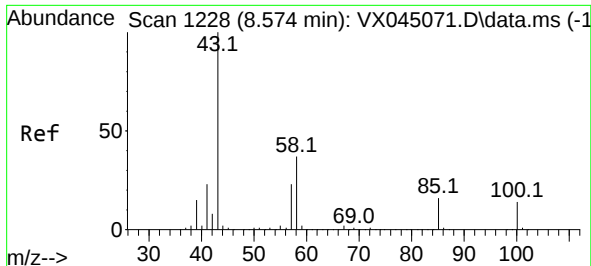
Tgt Ion:117 Resp: 8371
Ion Ratio Lower Upper
117 100
119 3.3 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.571 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Tgt Ion: 98 Resp: 194343
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.509 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX045148.D

Acq: 05 Mar 2025 17:28

Instrument :

MSVOA_X

ClientSampleId :

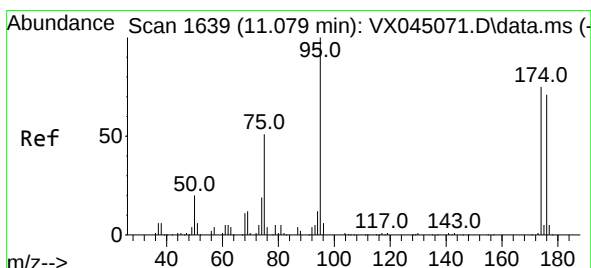
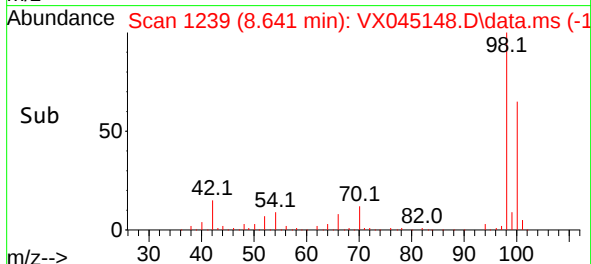
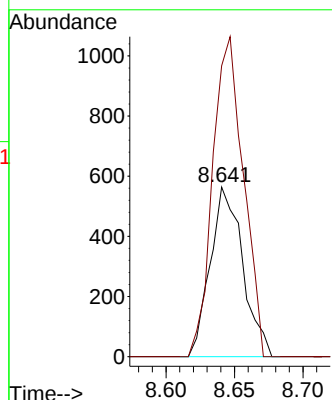
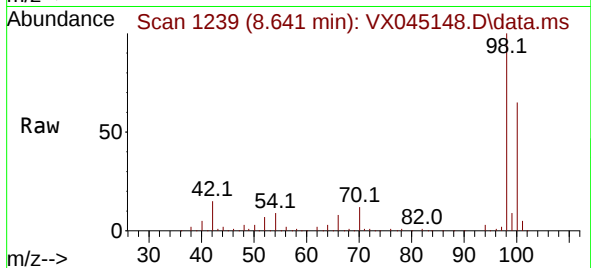
BR-05-465-030525

Tgt Ion: 43 Resp: 928

Ion Ratio Lower Upper

43 100

58 179.2 29.2 43.8#



#62

4-Bromofluorobenzene

Concen: 52.956 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045148.D

Acq: 05 Mar 2025 17:28

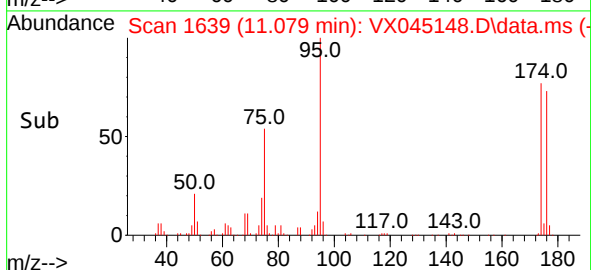
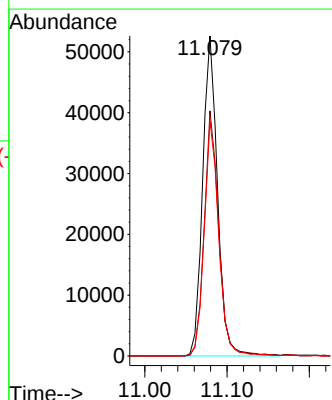
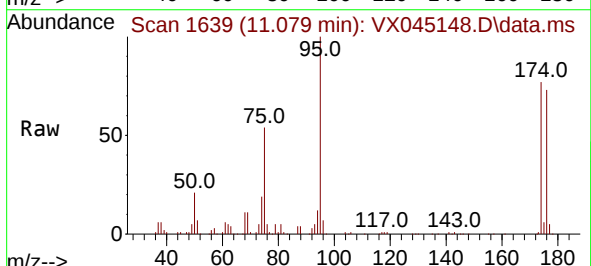
Tgt Ion: 95 Resp: 66128

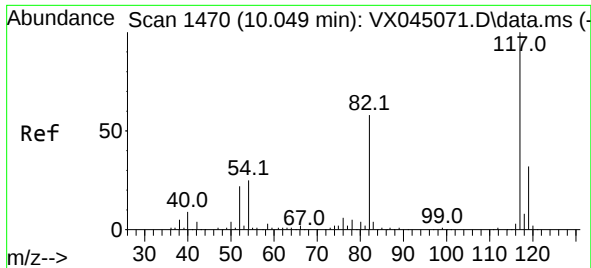
Ion Ratio Lower Upper

95 100

174 74.6 0.0 148.2

176 71.5 0.0 141.4

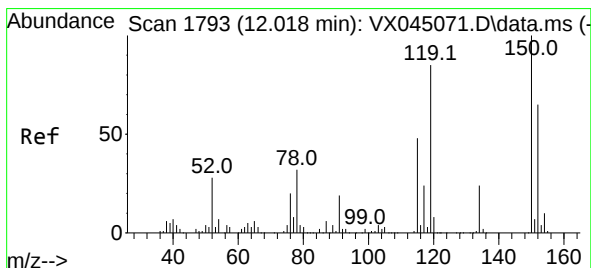
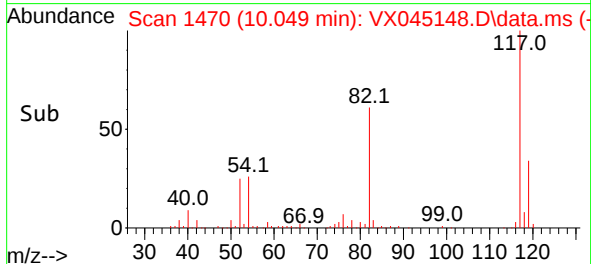
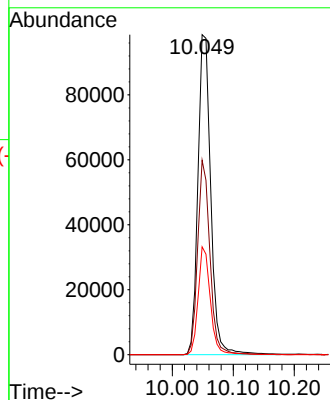
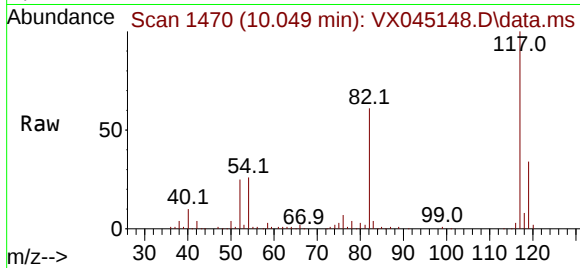




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

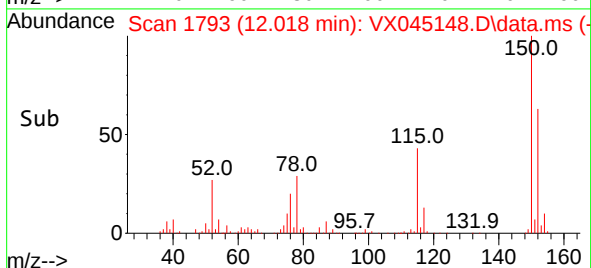
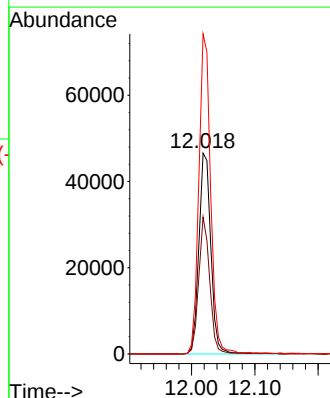
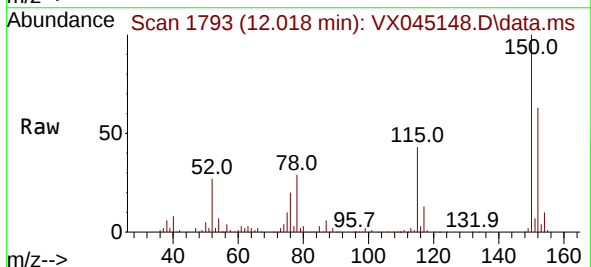
Instrument :
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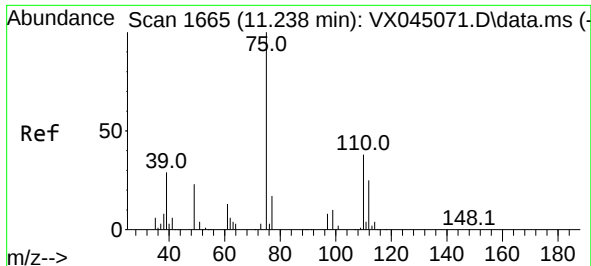
Tgt Ion:117	Resp: 143985
Ion Ratio	Lower Upper
117 100	
82 60.7	46.3 69.5
119 33.7	25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Tgt Ion:152	Resp: 61761
Ion Ratio	Lower Upper
152 100	
115 62.9	44.2 132.6
150 156.1	0.0 349.0

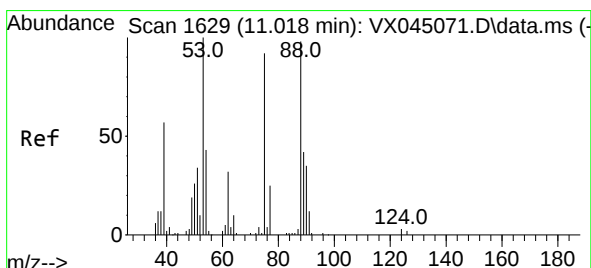
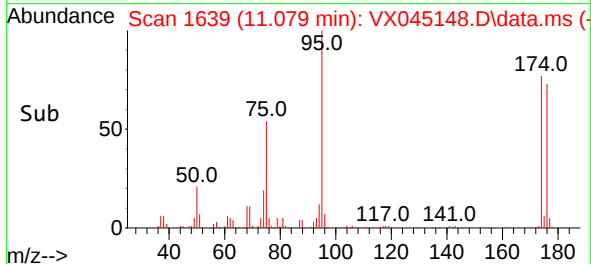
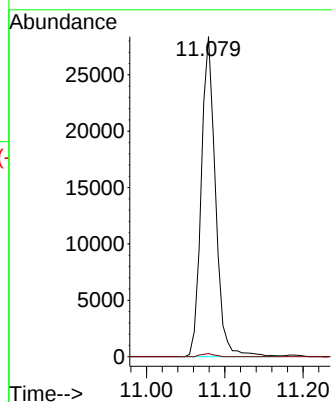
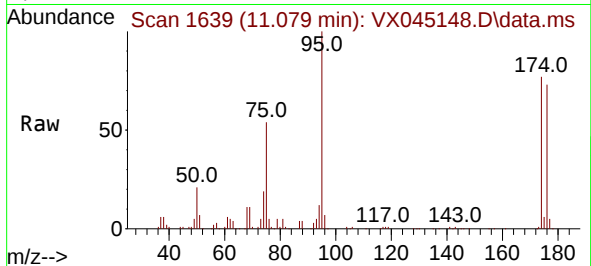




#76
1,2,3-Trichloropropane
Concen: 25.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525

Tgt Ion: 75 Resp: 35937
Ion Ratio Lower Upper
75 100
77 0.9 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045148.D
Acq: 05 Mar 2025 17:28

Tgt Ion: 75 Resp: 35937
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

