

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045149.D
 Acq On : 05 Mar 2025 17:52
 Operator : JC/MD
 Sample : Q1488-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03042025

Quant Time: Mar 06 01:10:31 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)

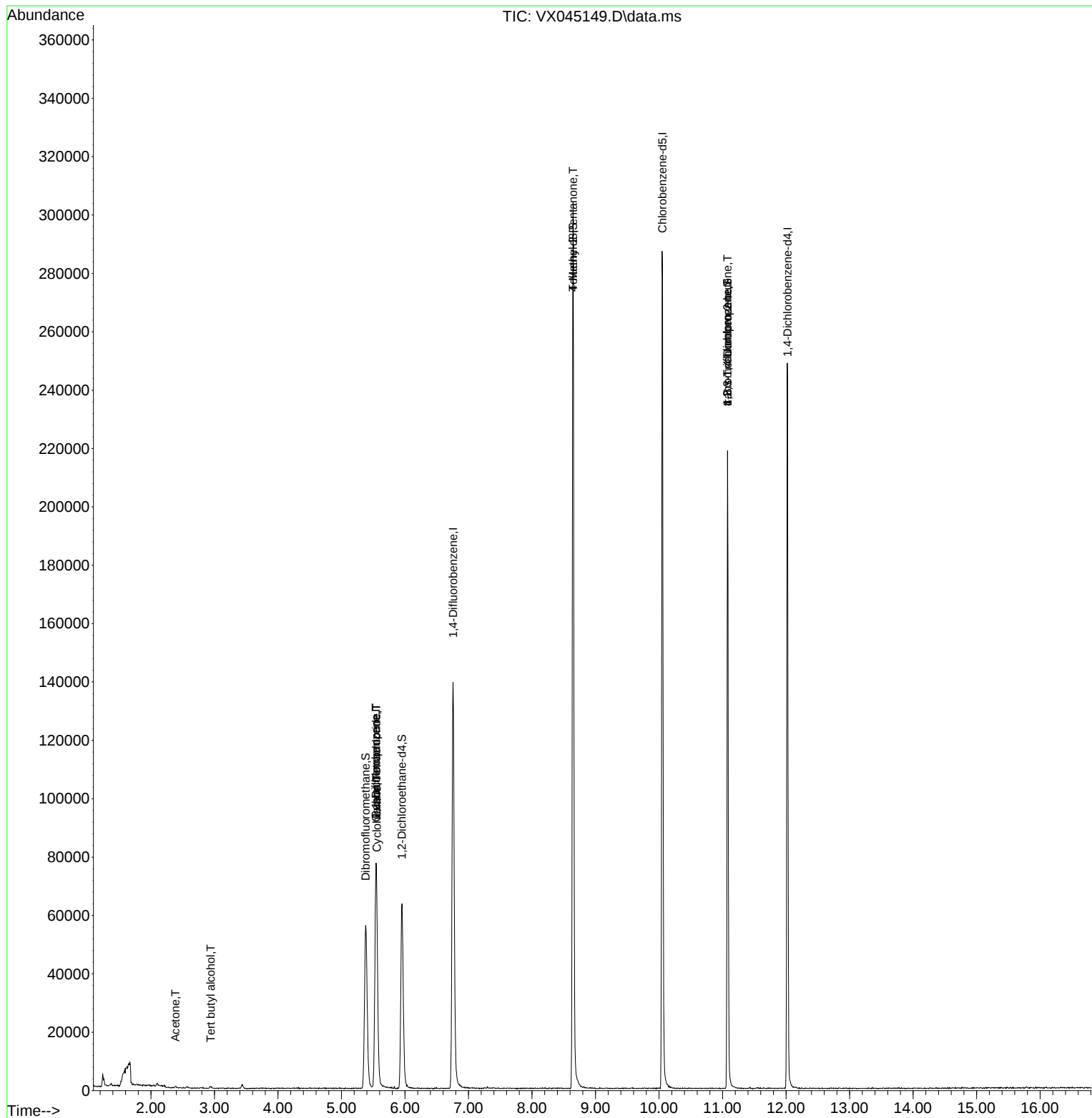
Internal Standards						
1) Pentafluorobenzene	5.544	168	72831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61816	53.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.720%			
35) Dibromofluoromethane	5.379	113	48916	50.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.880%			
50) Toluene-d8	8.647	98	178936	51.397	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.800%			
62) 4-Bromofluorobenzene	11.079	95	57520	49.859	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.720%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	263	1.199	ug/l #	73
16) Acetone	2.386	43	580	1.079	ug/l	99
31) Cyclohexane	5.556	56	1687	1.070	ug/l #	38
36) 1,1-Dichloropropene	5.544	75	6572	4.990	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7767	5.809	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	960	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30924	26.122	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30924	89.393	ug/l #	6

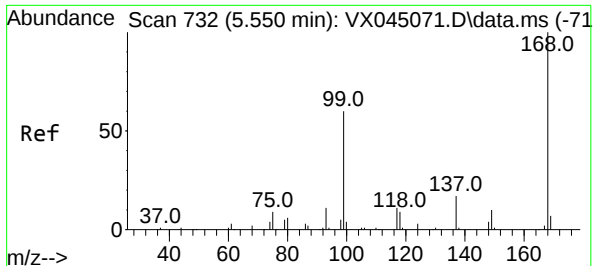
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

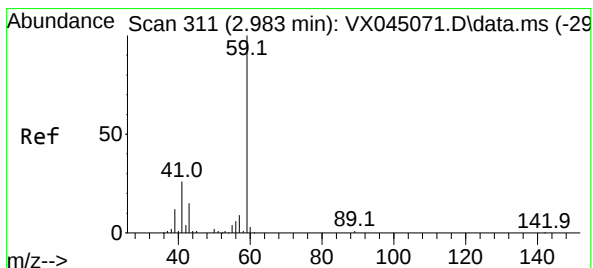
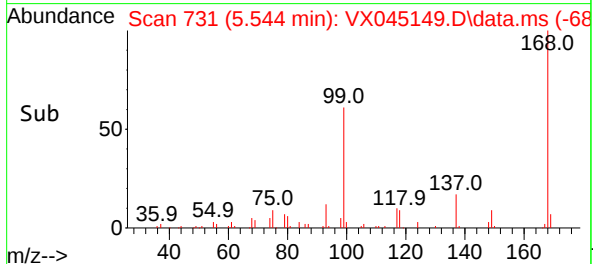
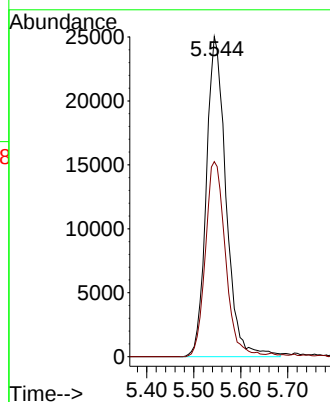
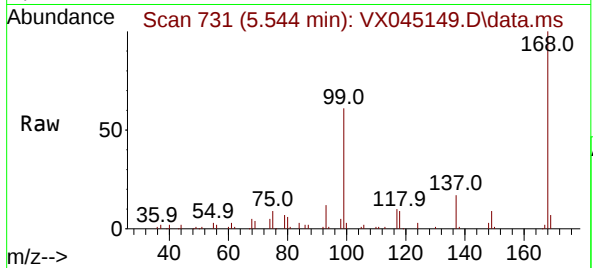




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

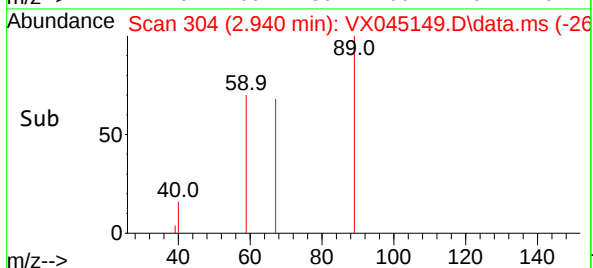
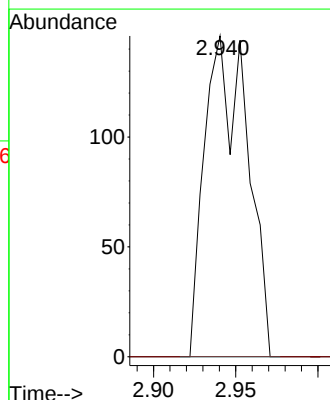
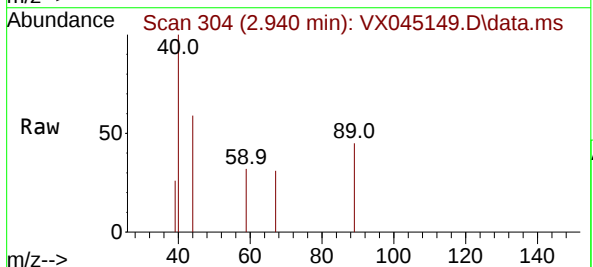
Instrument :
MSVOA_X
ClientSampleId :
TB03042025

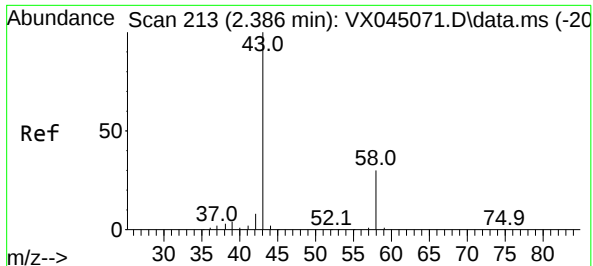
Tgt Ion:168 Resp: 72831
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.199 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

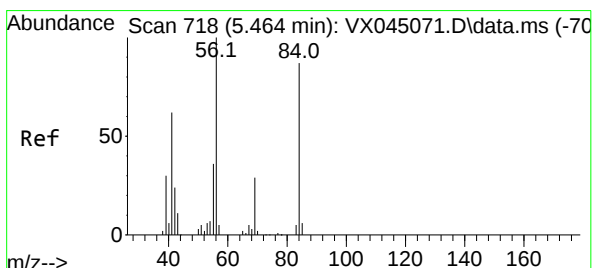
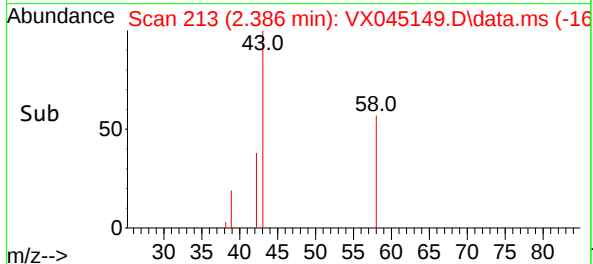
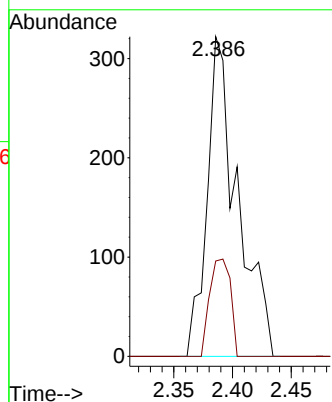
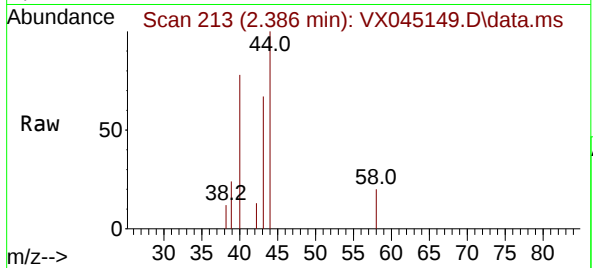




#16
Acetone
Concen: 1.079 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

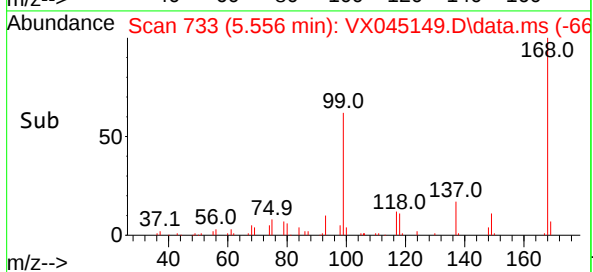
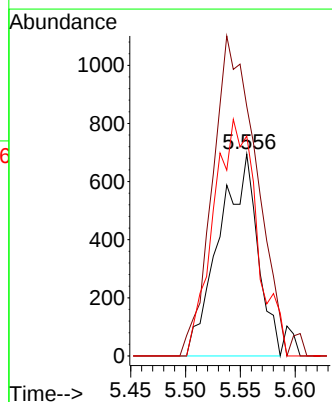
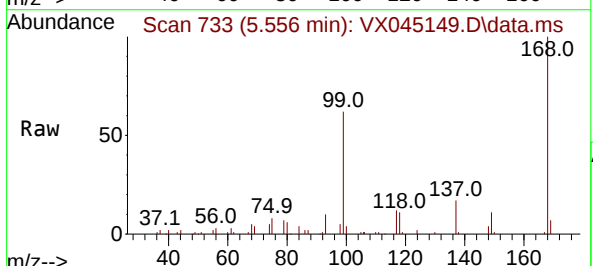
Instrument :
MSVOA_X
ClientSampleId :
TB03042025

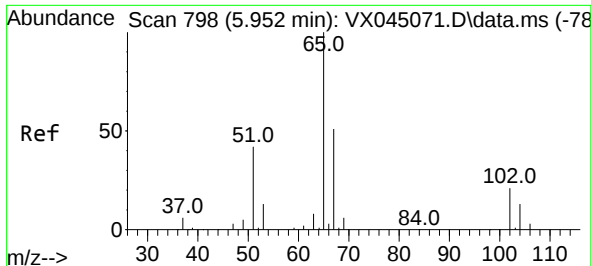
Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
58 29.8 24.2 36.4



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

Tgt Ion: 56 Resp: 1687
Ion Ratio Lower Upper
56 100
69 123.6 23.4 35.2#
84 108.9 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 53.359 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045149.D

Acq: 05 Mar 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

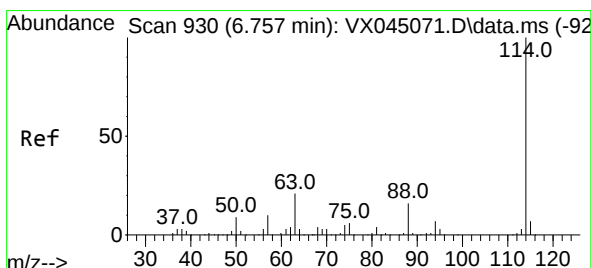
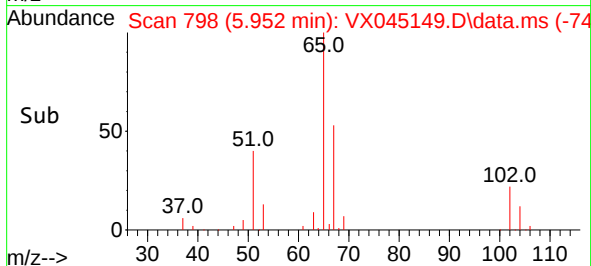
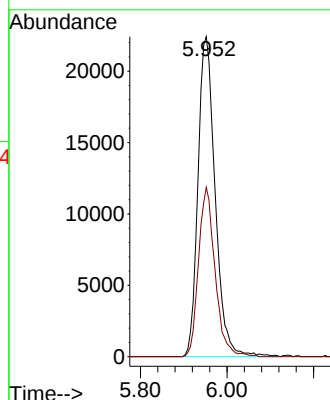
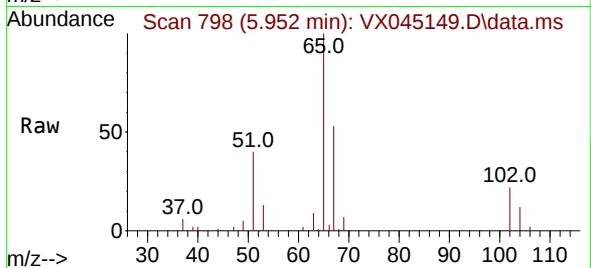
TB03042025

Tgt Ion: 65 Resp: 61816

Ion Ratio Lower Upper

65 100

67 51.0 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: VX045149.D

Acq: 05 Mar 2025 17:52

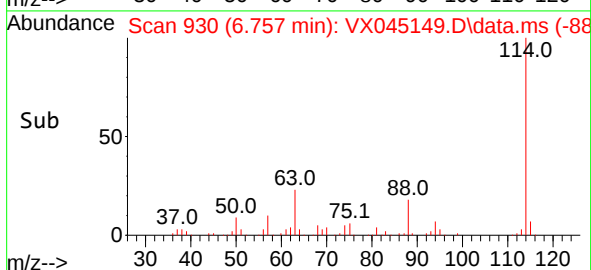
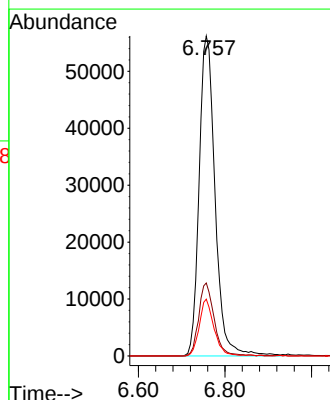
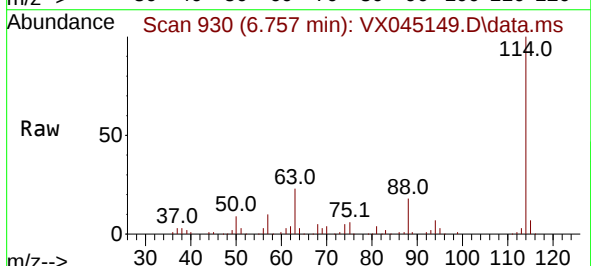
Tgt Ion: 114 Resp: 143614

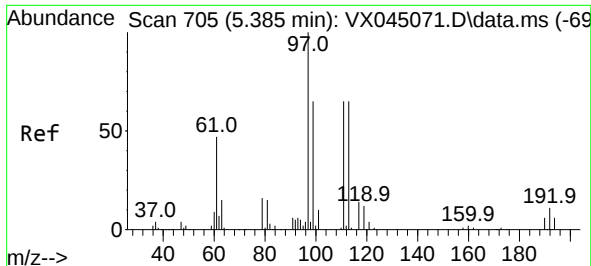
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 17.7 0.0 32.8

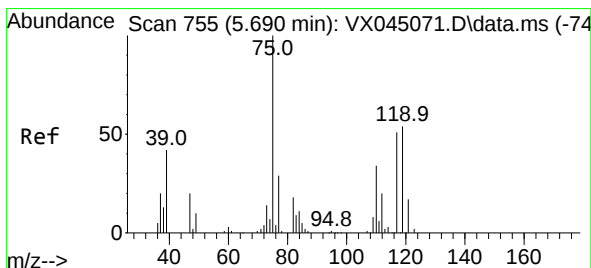
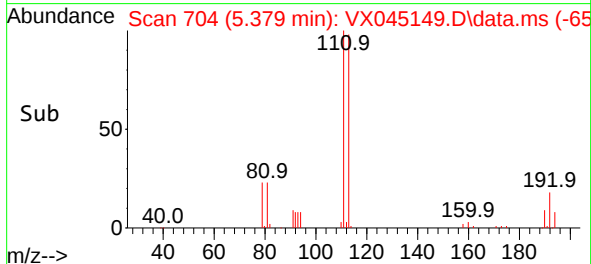
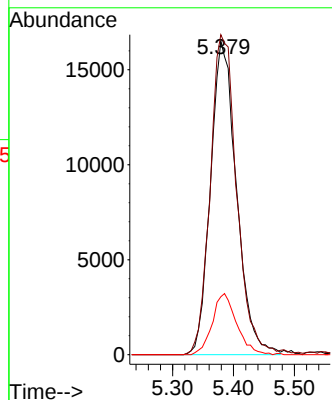
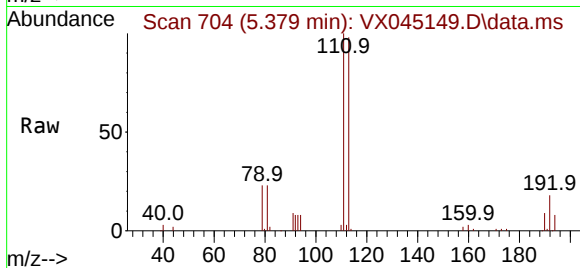




#35
Dibromofluoromethane
Concen: 50.938 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

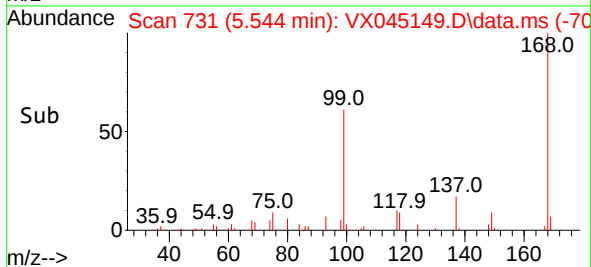
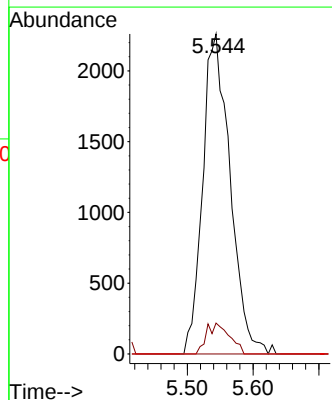
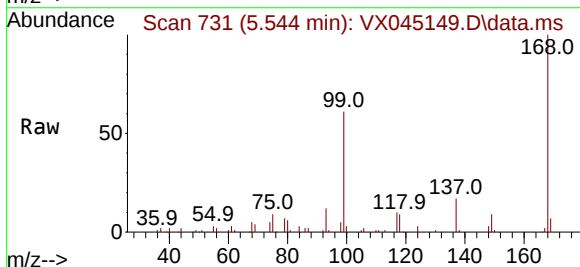
Instrument :
MSVOA_X
ClientSampleId :
TB03042025

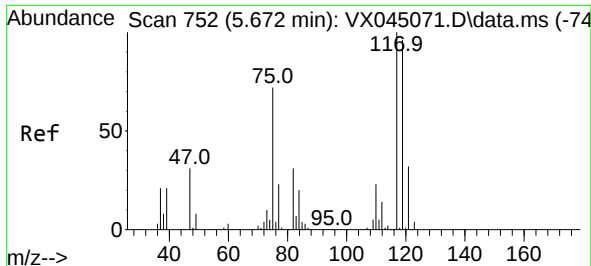
Tgt Ion:113 Resp: 48916
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.6
192 18.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.990 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

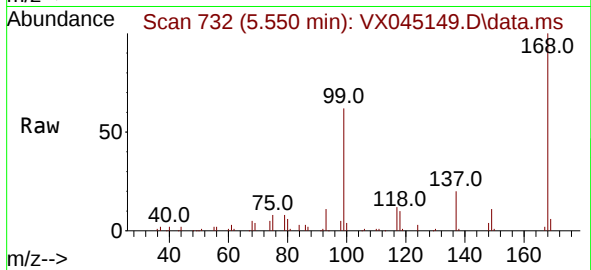
Tgt Ion: 75 Resp: 6572
Ion Ratio Lower Upper
75 100
110 8.0 16.9 50.6#
77 0.0 24.5 36.7#



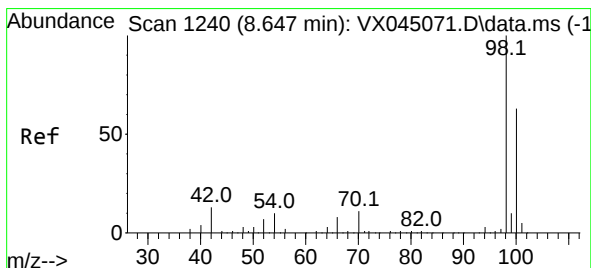
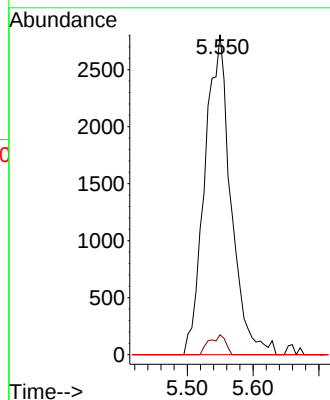
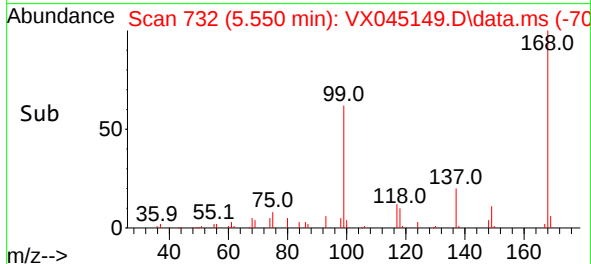


#38
Carbon Tetrachloride
Concen: 5.809 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
TB03042025

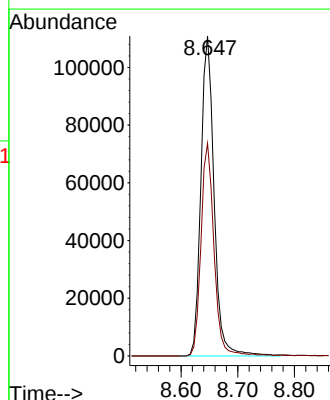
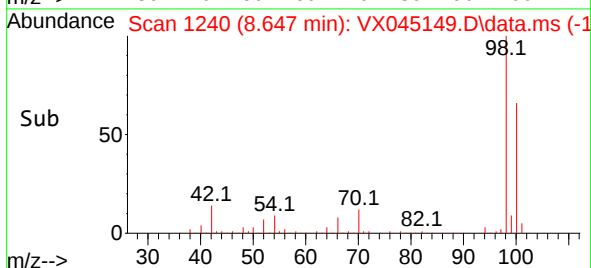
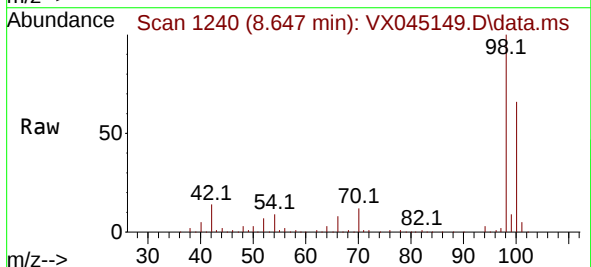


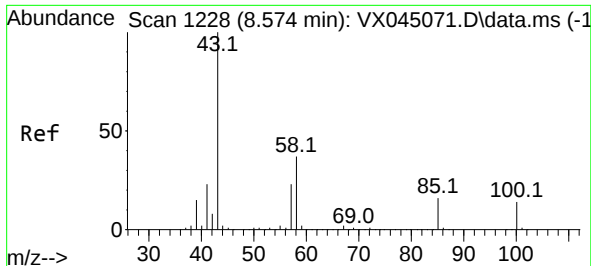
Tgt Ion:117 Resp: 7767
Ion Ratio Lower Upper
117 100
119 6.2 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.397 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

Tgt Ion: 98 Resp: 178936
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

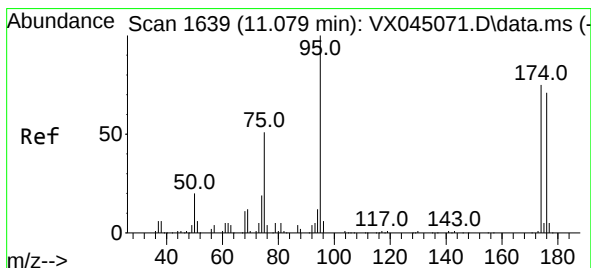
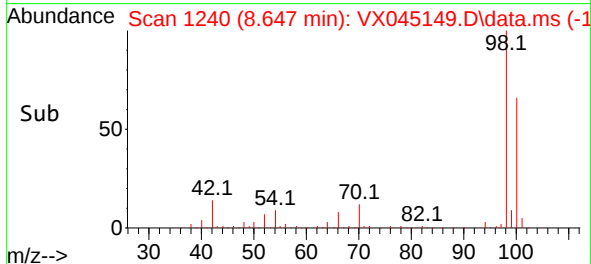
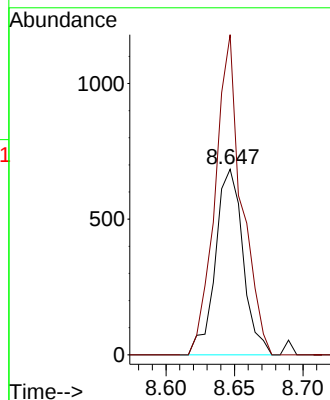
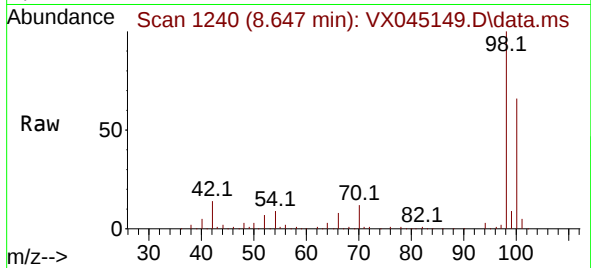




#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

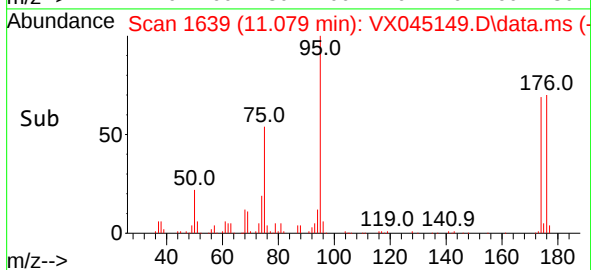
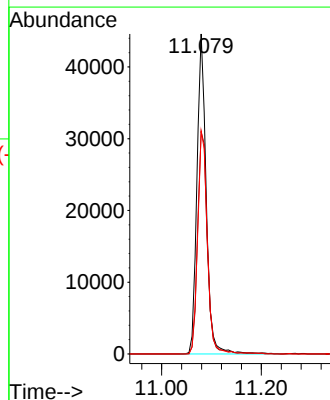
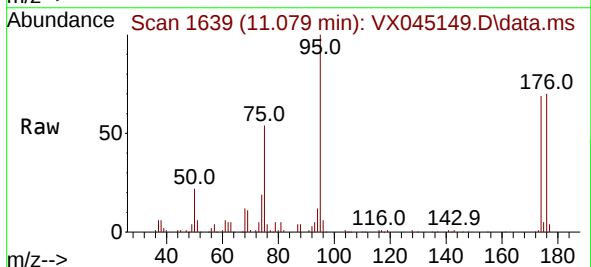
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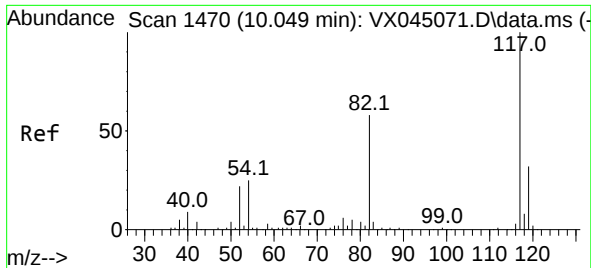
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 165.9 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 49.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

Tgt Ion: 95 Resp: 57520
Ion Ratio Lower Upper
95 100
174 72.3 0.0 148.2
176 72.3 0.0 141.4

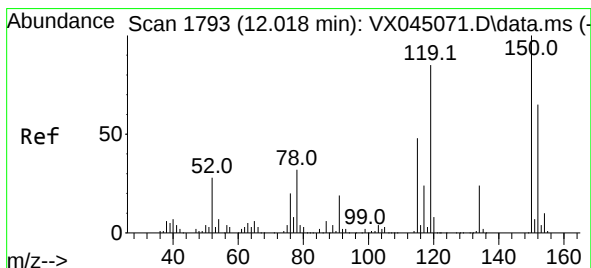
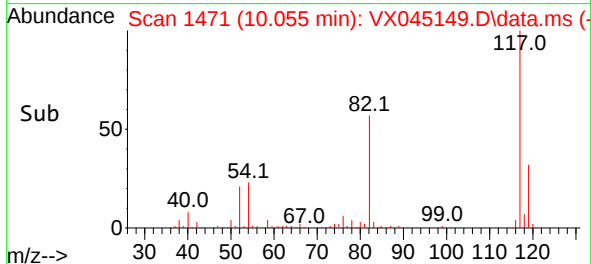
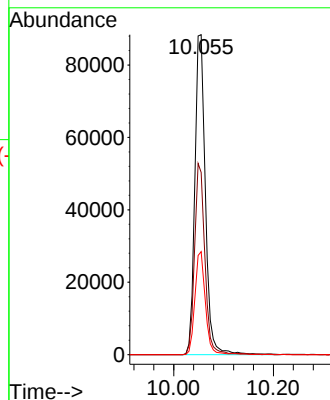
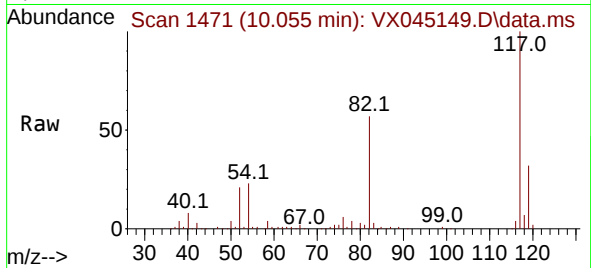




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

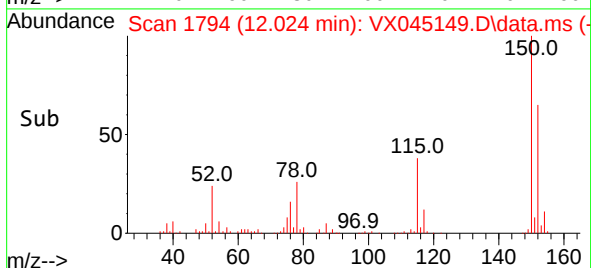
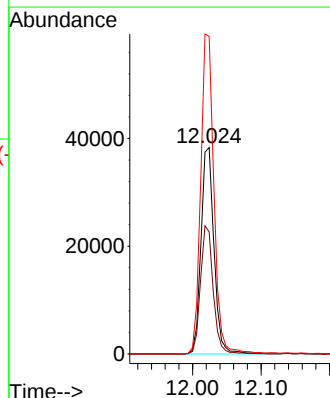
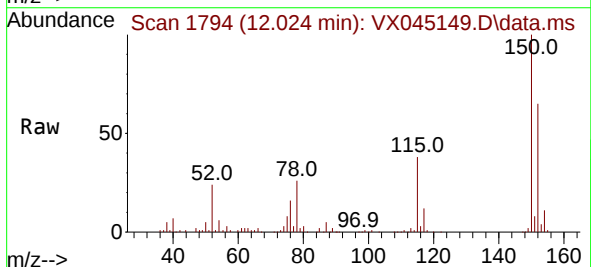
Instrument :
MSVOA_X
ClientSampleId :
TB03042025

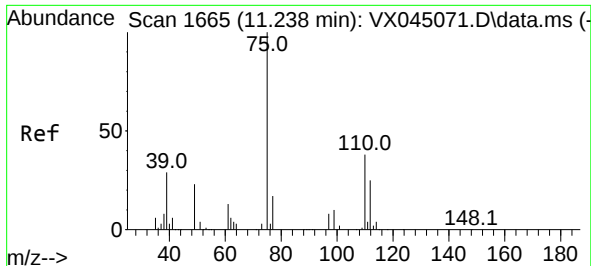
Tgt Ion:117 Resp: 130232
Ion Ratio Lower Upper
117 100
82 56.9 46.3 69.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

Tgt Ion:152 Resp: 50863
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 157.4 0.0 349.0

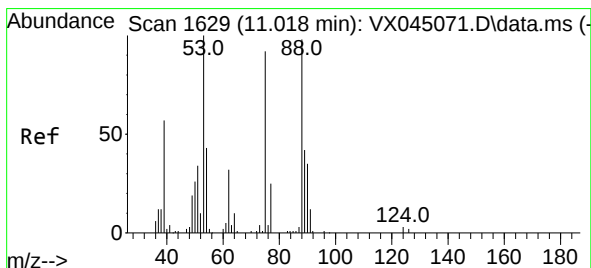
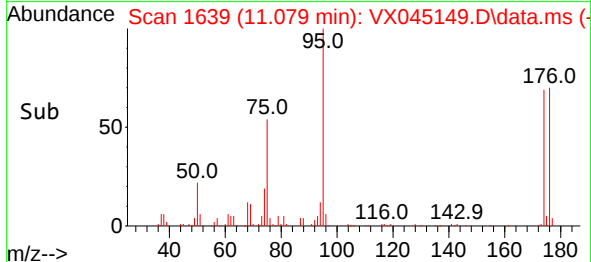
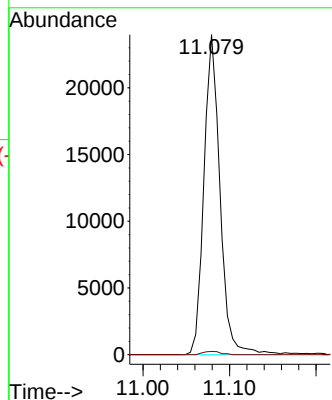
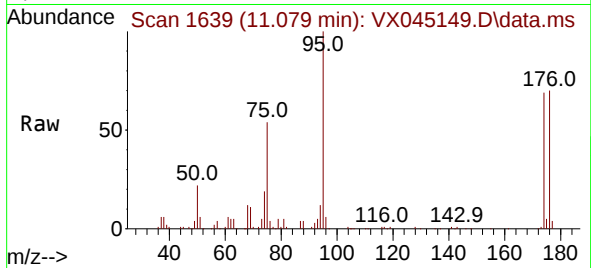




#76
1,2,3-Trichloropropane
Concen: 26.122 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
TB03042025

Tgt Ion: 75 Resp: 30924
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045149.D
Acq: 05 Mar 2025 17:52

Tgt Ion: 75 Resp: 30924
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

