

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045450.D
 Acq On : 25 Mar 2025 19:05
 Operator : JC/MD
 Sample : Q1629-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20250320

Quant Time: Mar 26 01:43:48 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)

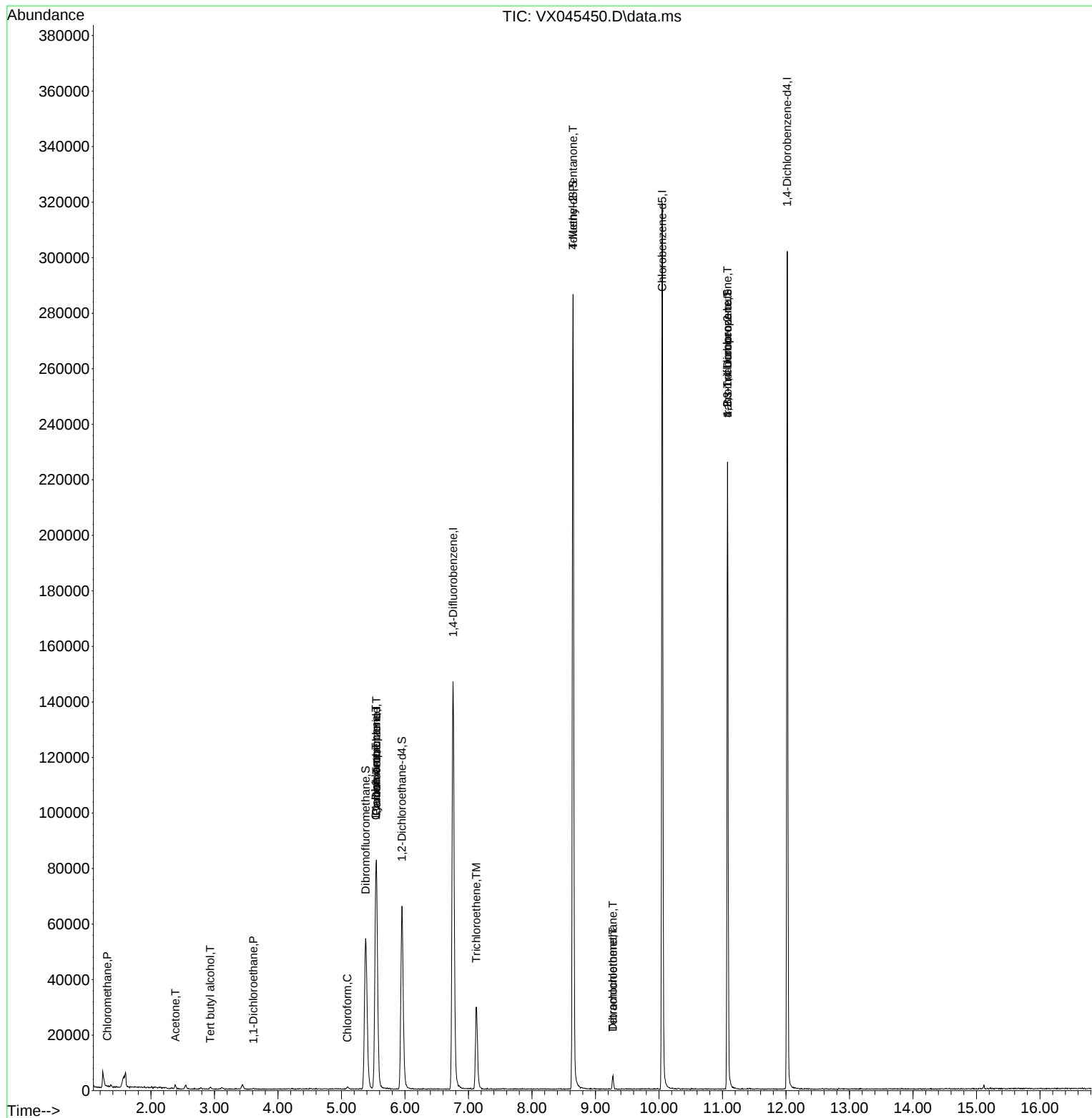
Internal Standards						
1) Pentafluorobenzene	5.550	168	71974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62550	54.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.280%			
35) Dibromofluoromethane	5.379	113	47321	49.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.340%			
50) Toluene-d8	8.647	98	163441	47.320	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.640%			
62) 4-Bromofluorobenzene	11.079	95	58211	50.860	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.720%			
Target Compounds					Qvalue	
3) Chloromethane	1.313	50	300	0.271	ug/l #	43
11) Tert butyl alcohol	2.934	59	148	0.682	ug/l #	73
16) Acetone	2.386	43	1314	2.474	ug/l	94
24) 1,1-Dichloroethane	3.611	63	390	0.217	ug/l #	83
30) Chloroform	5.093	83	839	0.471	ug/l	87
31) Cyclohexane	5.544	56	2059	1.322	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	6881	5.267	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8275	6.238	ug/l #	15
44) Trichloroethene	7.123	130	11230	11.592	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	902	0.540	ug/l #	1
60) Dibromochloromethane	9.275	129	885	0.849	ug/l #	11
64) Tetrachloroethene	9.275	164	885	1.057	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	33770	26.294	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33770	89.983	ug/l #	6

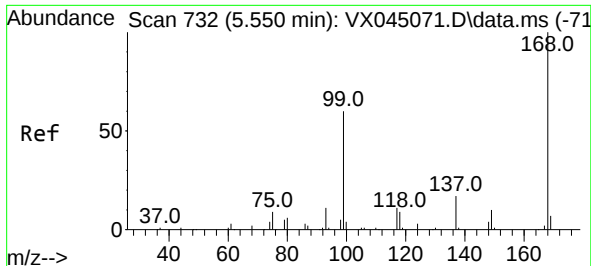
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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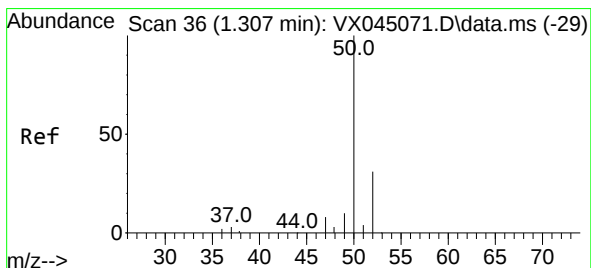
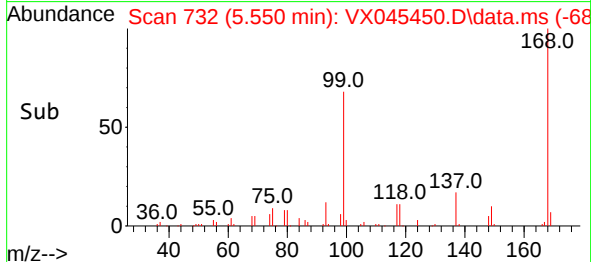
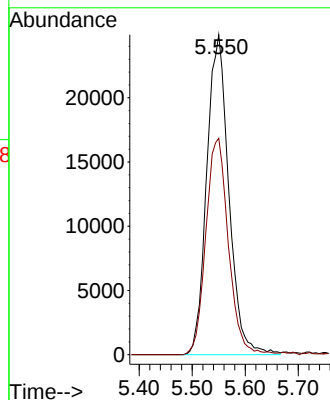
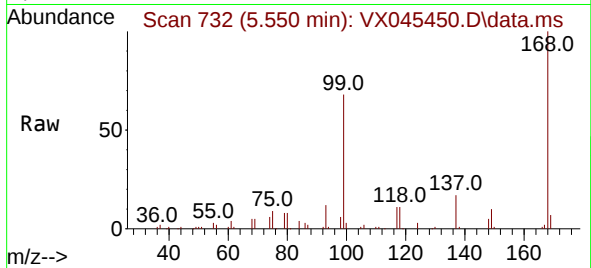




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

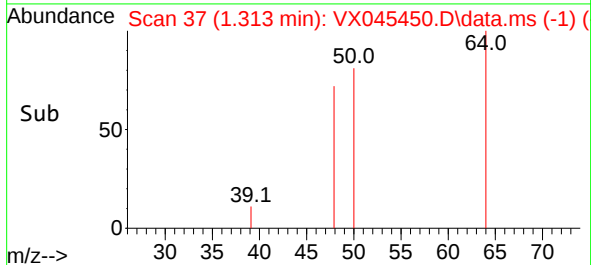
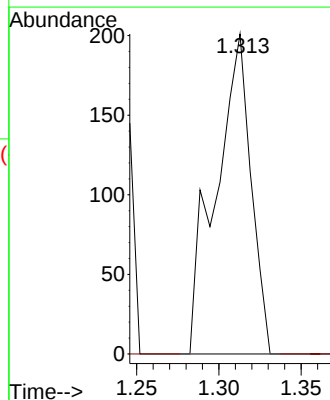
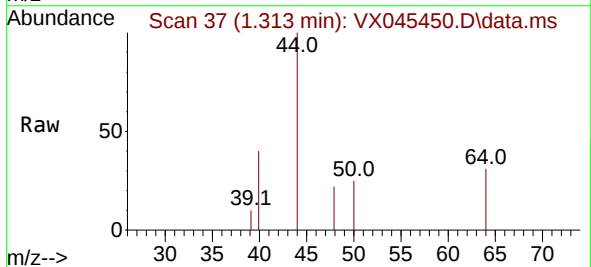
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

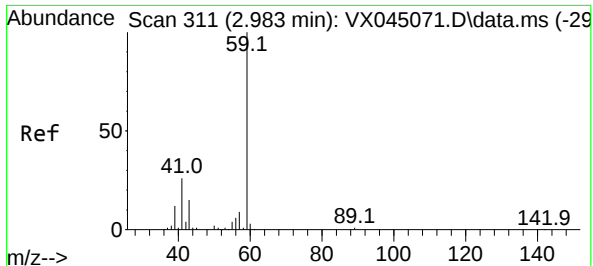
Tgt Ion:168 Resp: 71974
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#3
Chloromethane
Concen: 0.271 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 0.682 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX045450.D

Acq: 25 Mar 2025 19:05

Instrument :

MSVOA_X

ClientSampleId :

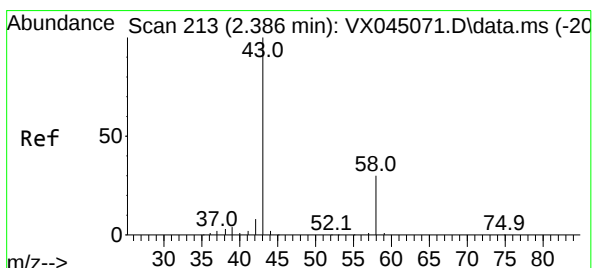
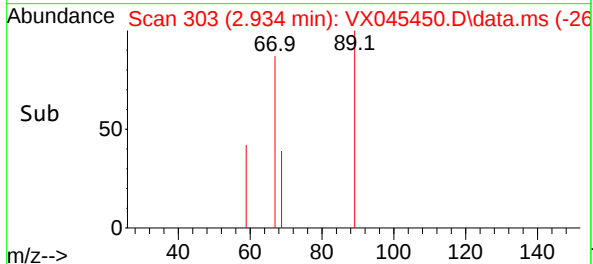
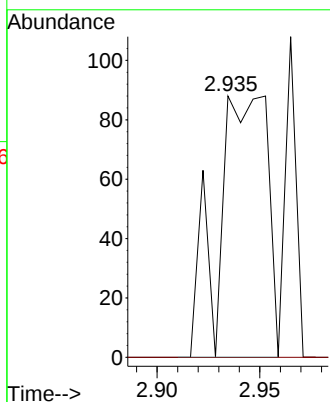
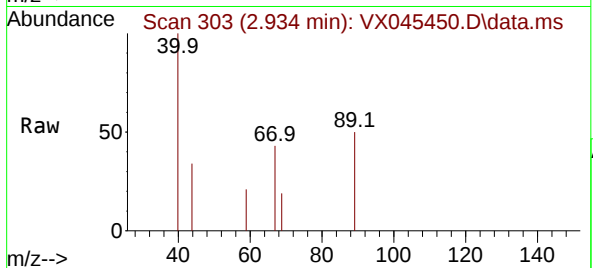
TT150S1-20250320

Tgt Ion: 59 Resp: 148

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 2.474 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045450.D

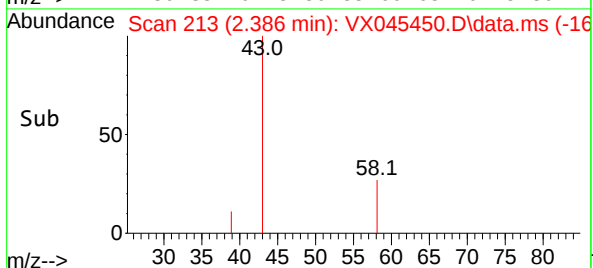
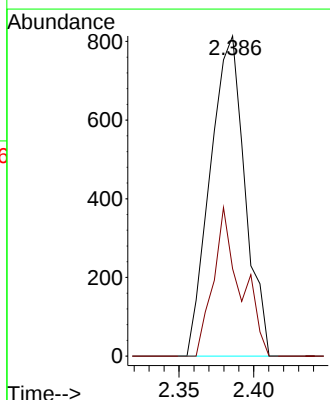
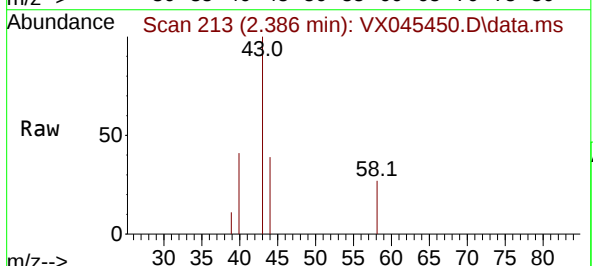
Acq: 25 Mar 2025 19:05

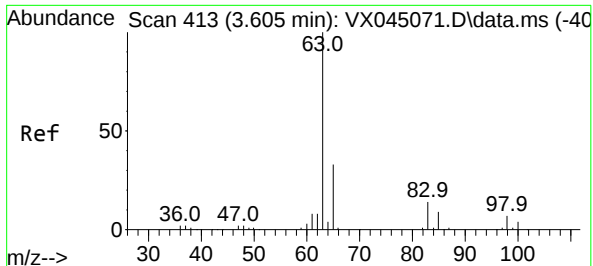
Tgt Ion: 43 Resp: 1314

Ion Ratio Lower Upper

43 100

58 27.3 24.2 36.4

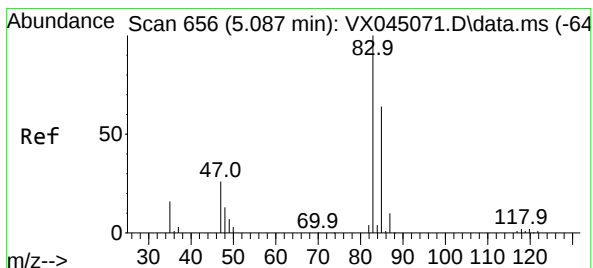
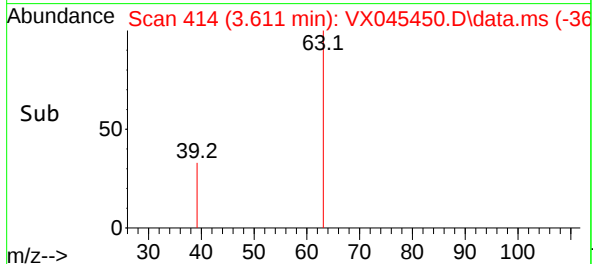
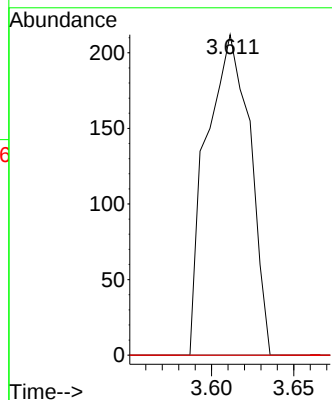
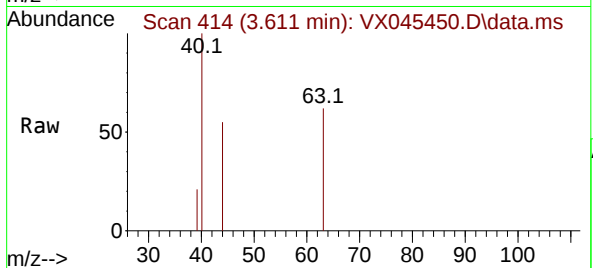




#24
1,1-Dichloroethane
Concen: 0.217 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

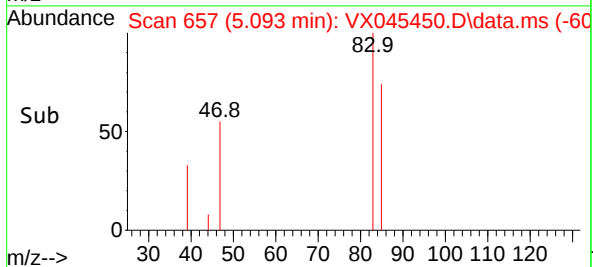
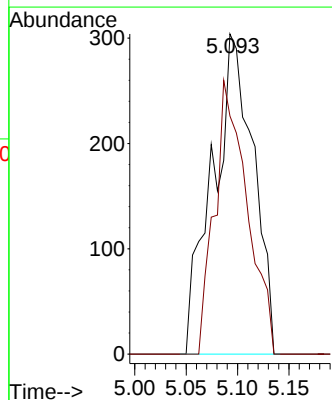
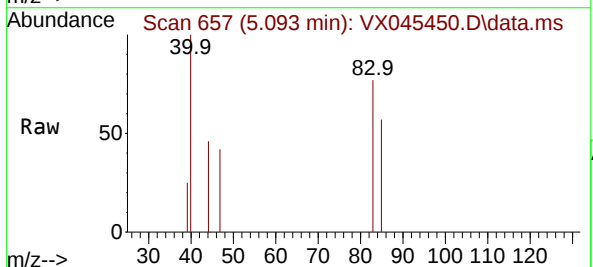
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

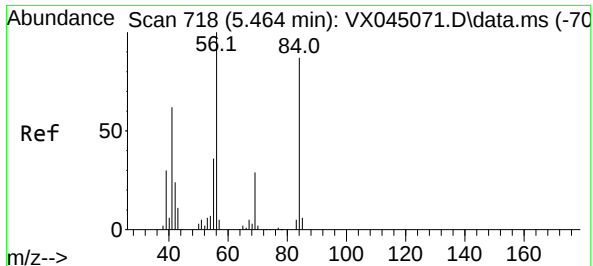
Tgt Ion: 63 Resp: 390
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.1 6.5#



#30
Chloroform
Concen: 0.471 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

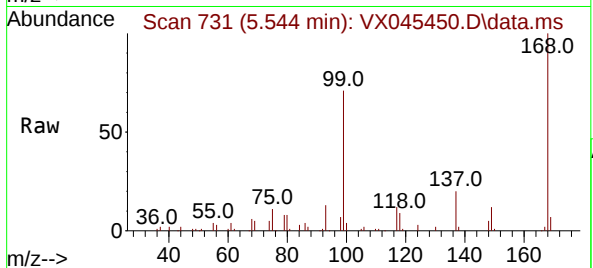
Tgt Ion: 83 Resp: 839
Ion Ratio Lower Upper
83 100
85 74.3 51.4 77.2



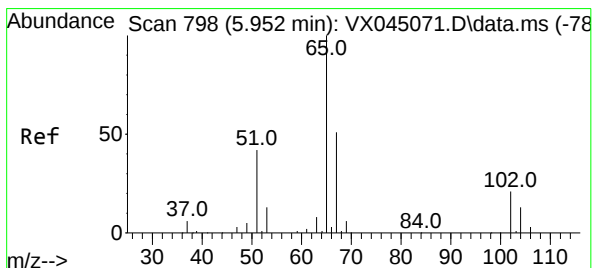
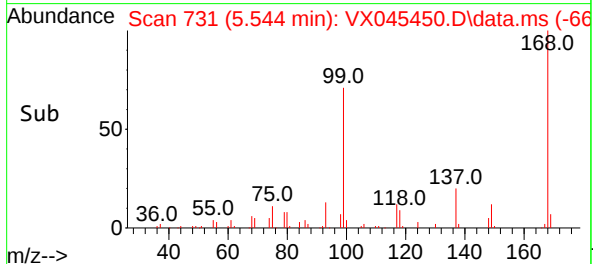
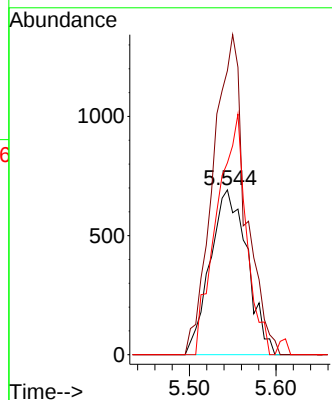


#31
Cyclohexane
Concen: 1.322 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

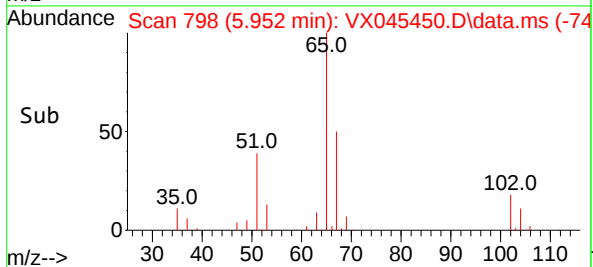
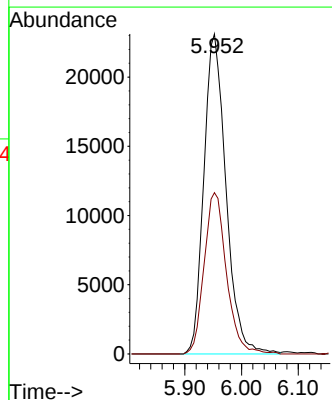
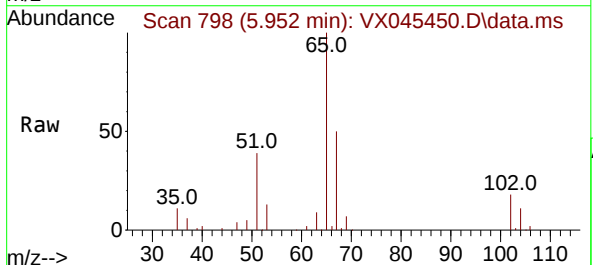


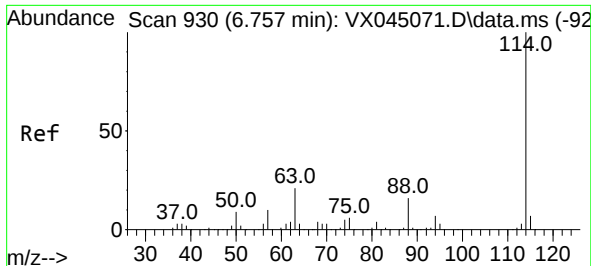
Tgt Ion: 56 Resp: 2059
Ion Ratio Lower Upper
56 100
69 172.3 23.4 35.2#
84 116.3 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 54.636 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion: 65 Resp: 62550
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.2

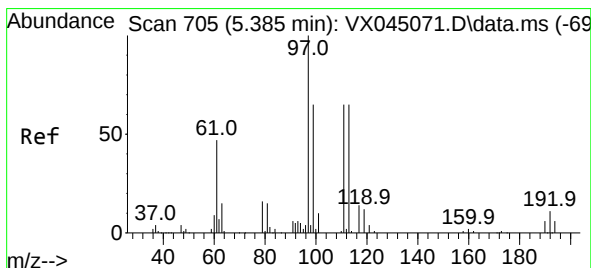
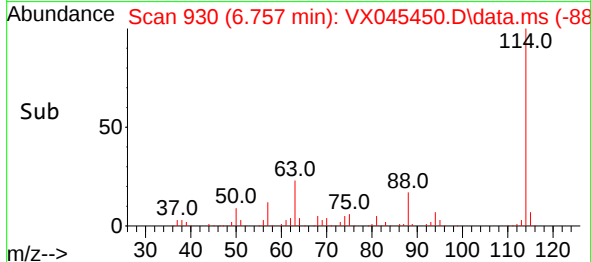
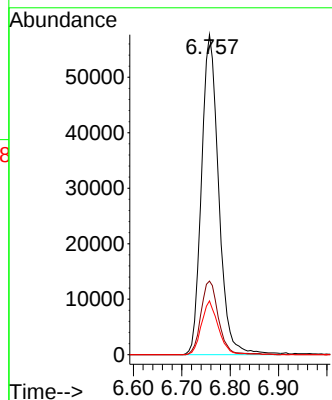
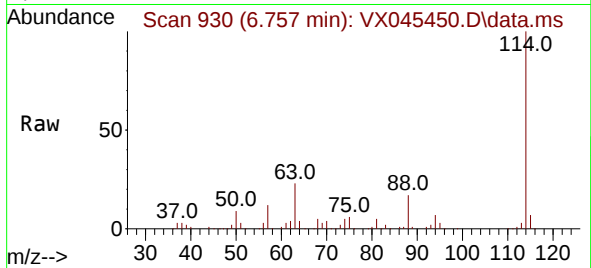




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

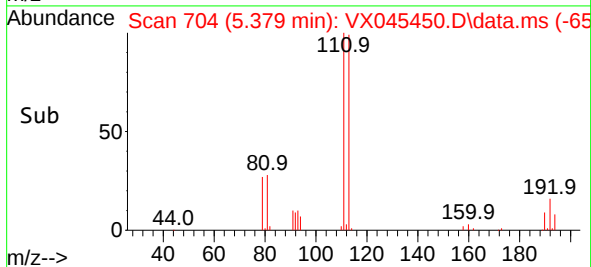
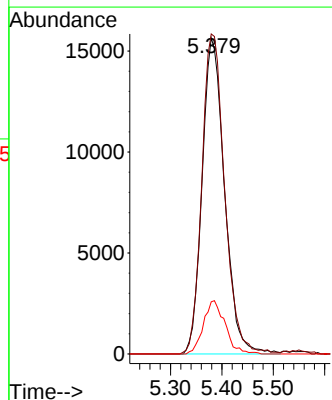
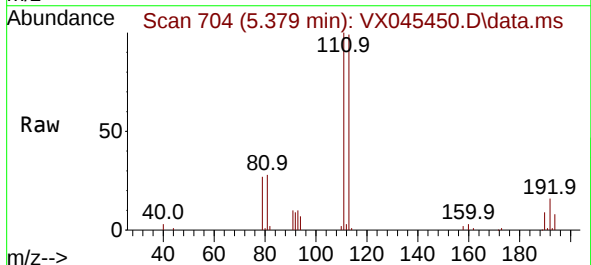
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ClientSampleId :
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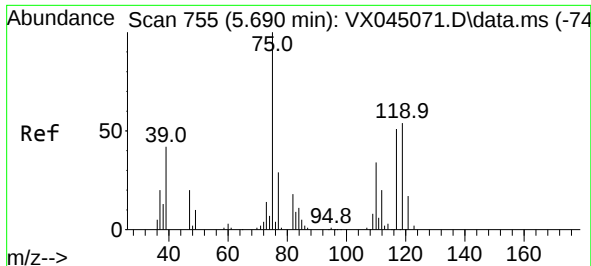
Tgt Ion:114 Resp: 142479
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.669 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion:113 Resp: 47321
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 16.4 14.3 21.5

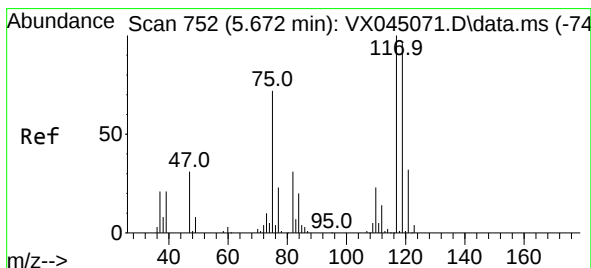
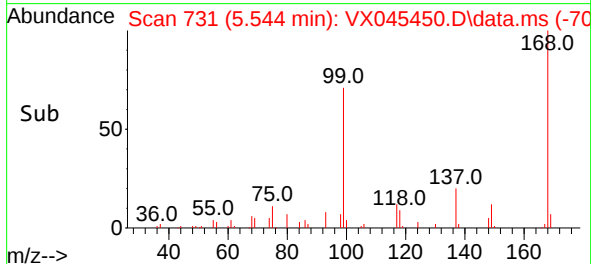
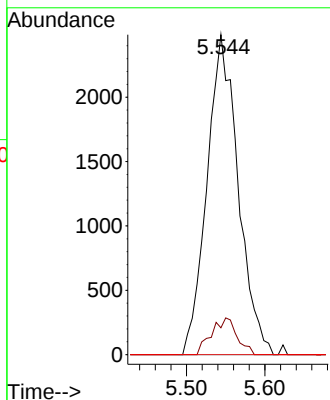
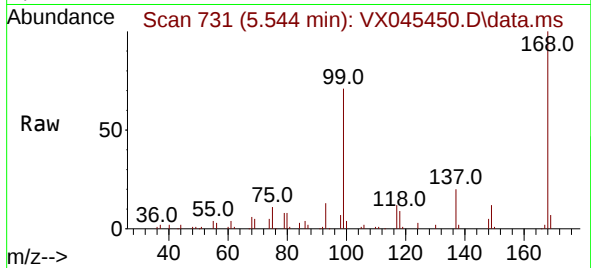




#36
1,1-Dichloropropene
Concen: 5.267 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

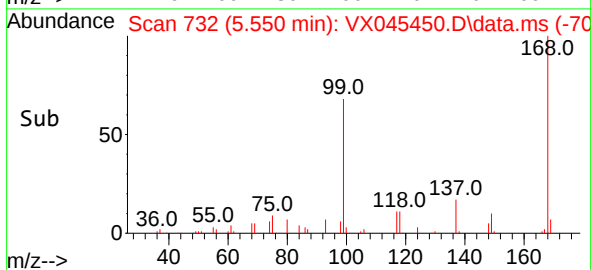
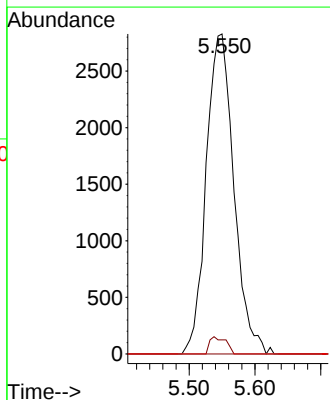
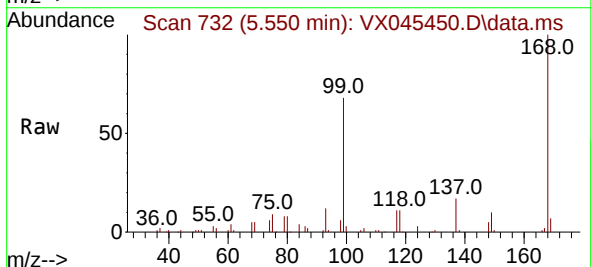
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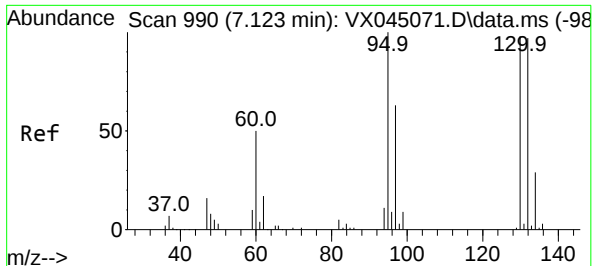
Tgt Ion: 75 Resp: 6881
Ion Ratio Lower Upper
75 100
110 9.4 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion: 117 Resp: 8275
Ion Ratio Lower Upper
117 100
119 4.4 76.7 115.1#
121 0.0 25.5 38.3#

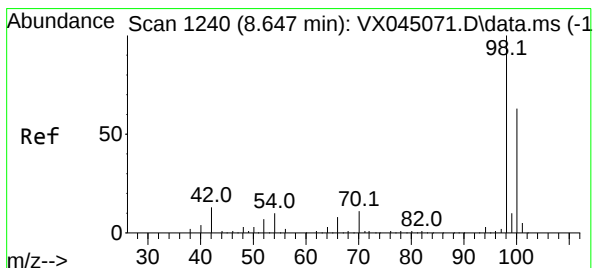
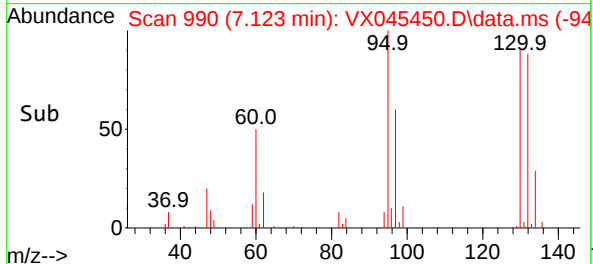
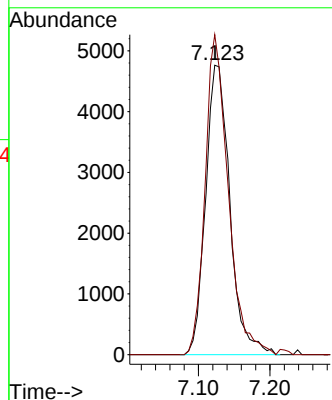
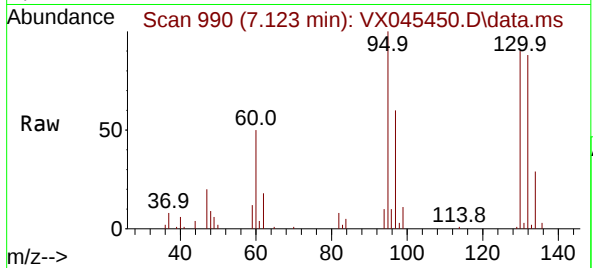




#44
 Trichloroethene
 Concen: 11.592 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX045450.D
 Acq: 25 Mar 2025 19:05

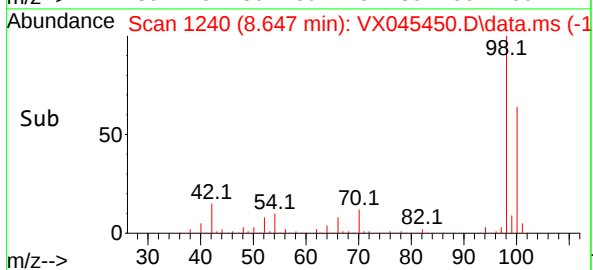
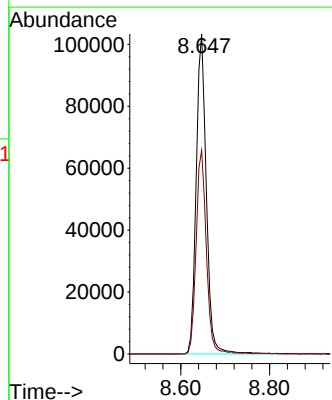
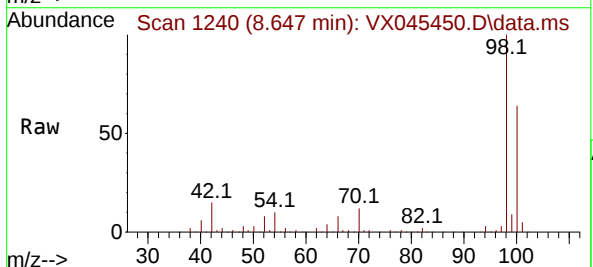
Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20250320

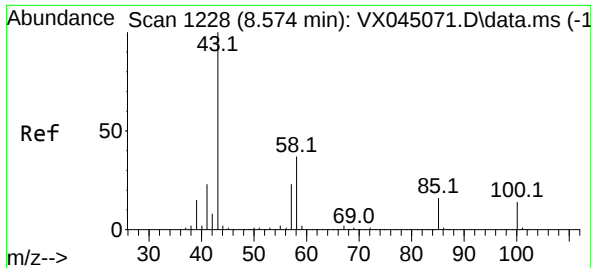
Tgt Ion:130 Resp: 11230
 Ion Ratio Lower Upper
 130 100
 95 110.5 0.0 205.0



#50
 Toluene-d8
 Concen: 47.320 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX045450.D
 Acq: 25 Mar 2025 19:05

Tgt Ion: 98 Resp: 163441
 Ion Ratio Lower Upper
 98 100
 100 64.1 52.0 78.0

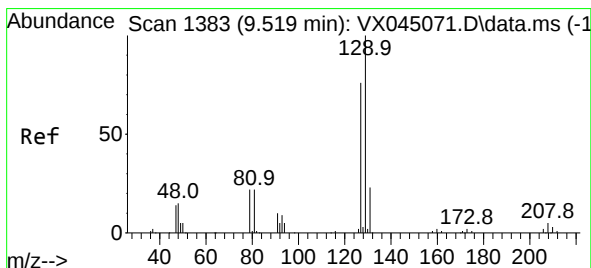
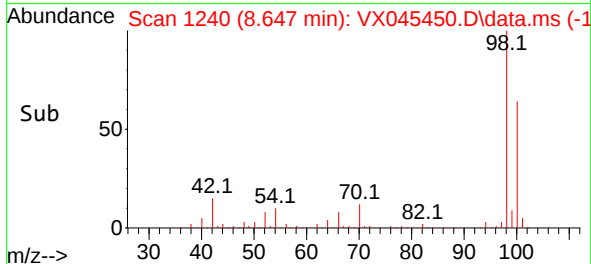
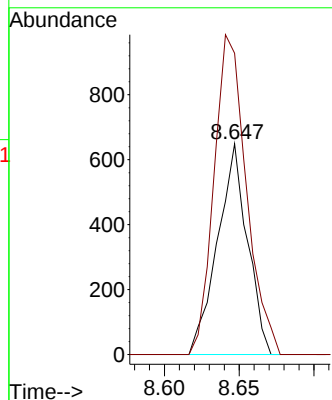
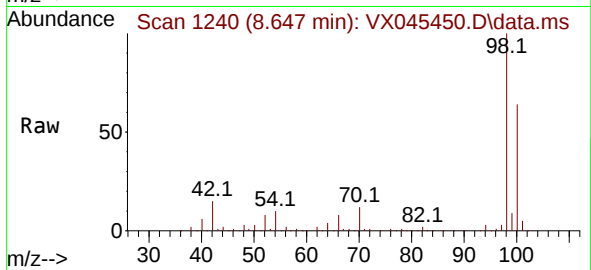




#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

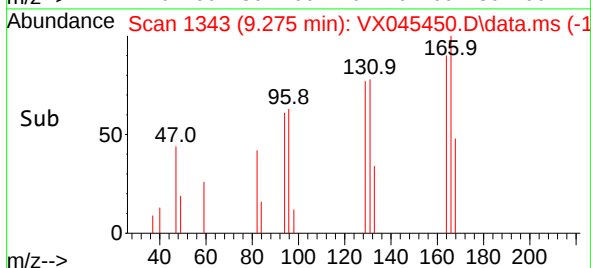
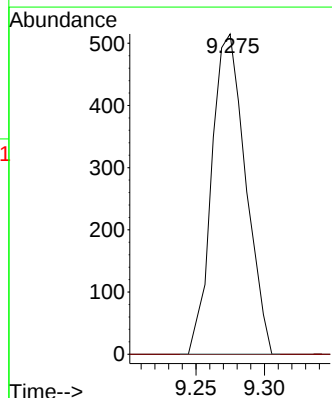
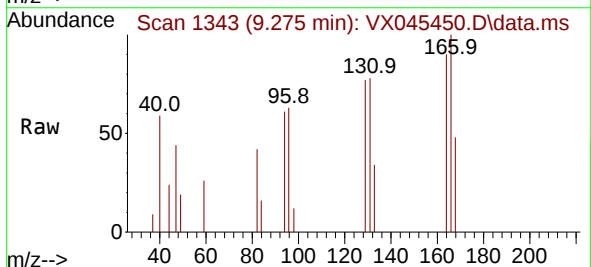
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

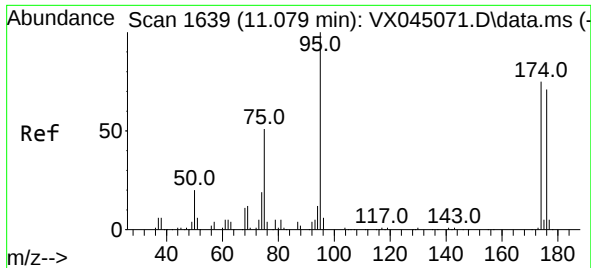
Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 164.2 29.2 43.8#



#60
Dibromochloromethane
Concen: 0.849 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion: 129 Resp: 885
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

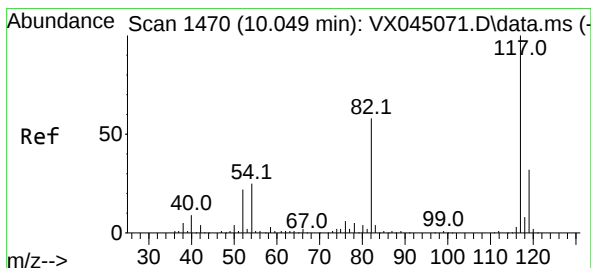
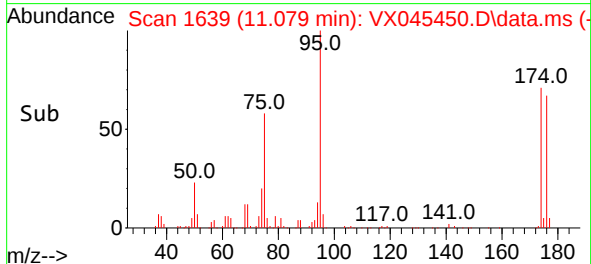
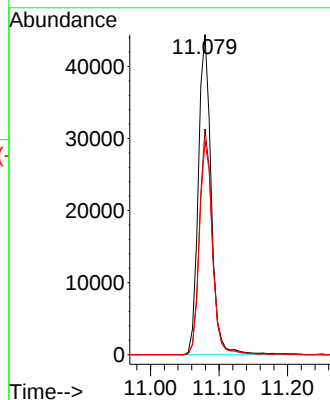
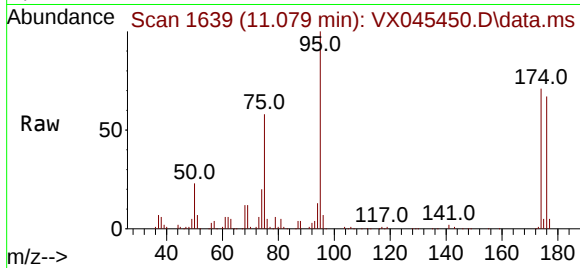




#62
4-Bromofluorobenzene
Concen: 50.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

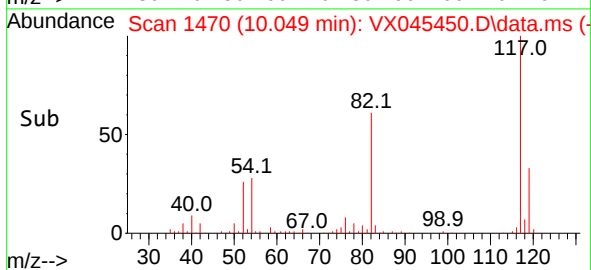
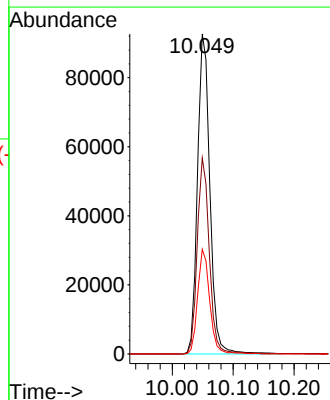
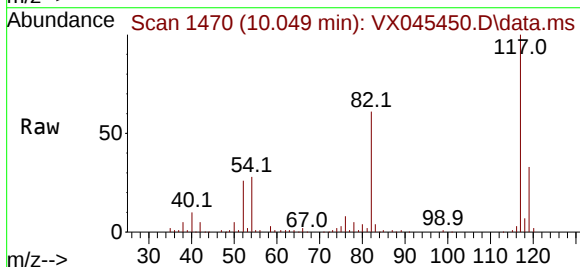
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

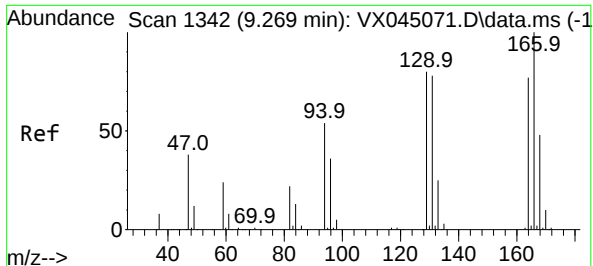
Tgt Ion: 95 Resp: 58211
Ion Ratio Lower Upper
95 100
174 70.2 0.0 148.2
176 67.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion: 117 Resp: 130670
Ion Ratio Lower Upper
117 100
82 61.2 46.3 69.5
119 32.7 25.7 38.5



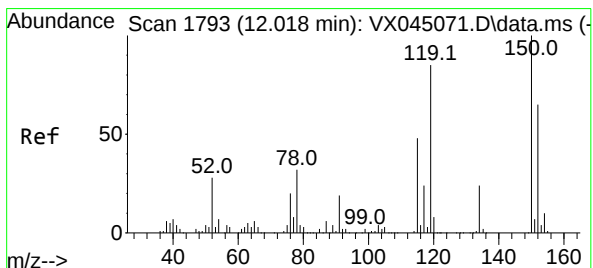
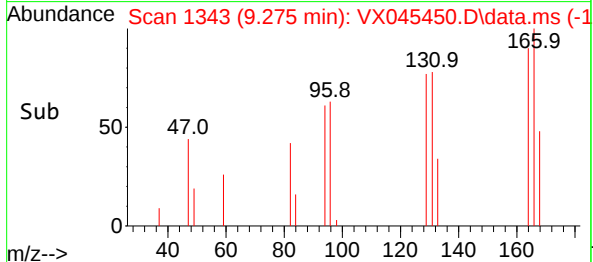
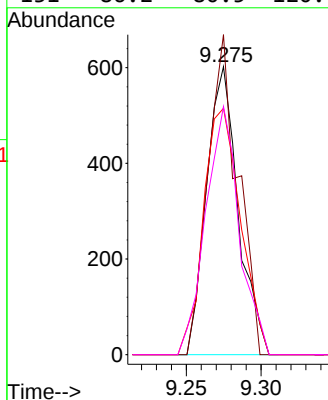
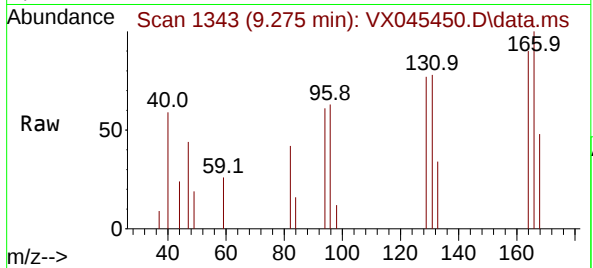


#64
Tetrachloroethene
Concen: 1.057 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

Tgt Ion:164 Resp: 885

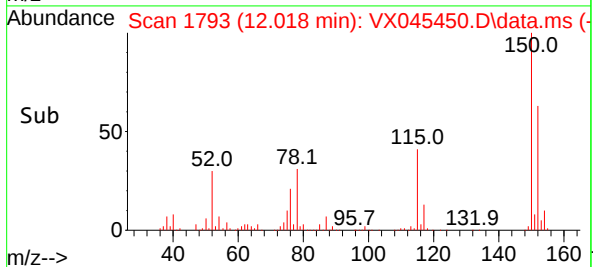
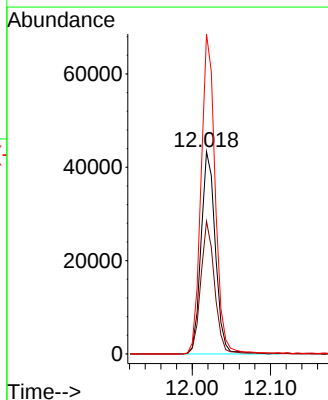
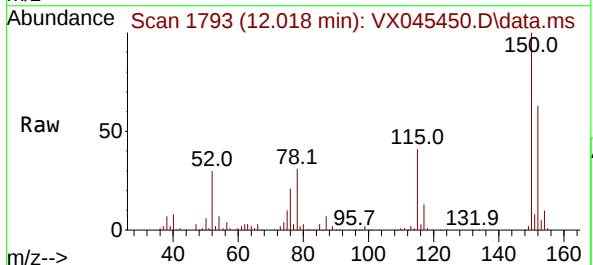
Ion	Ratio	Lower	Upper
164	100		
166	111.1	103.6	155.4
129	85.5	82.7	124.1
131	86.2	80.5	120.7

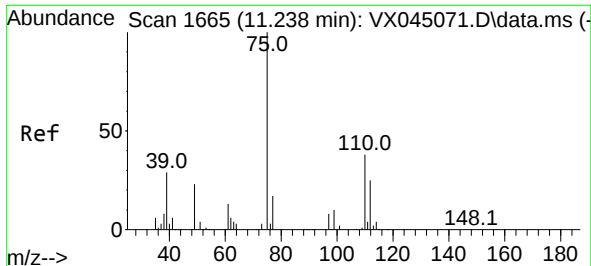


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion:152 Resp: 55180

Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.2	132.6
150	156.3	0.0	349.0

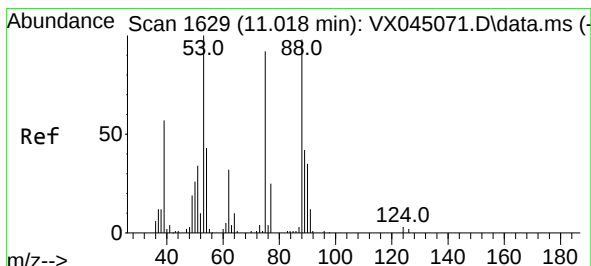
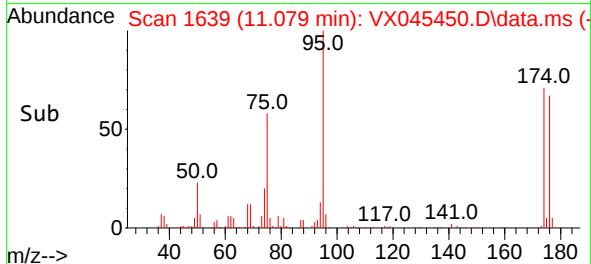
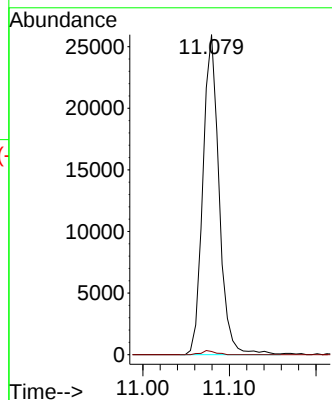
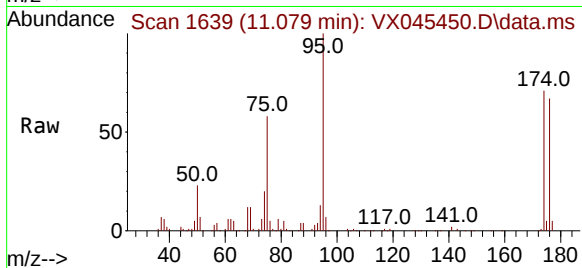




#76
1,2,3-Trichloropropane
Concen: 26.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

Tgt Ion: 75 Resp: 33770
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion: 75 Resp: 33770
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

