

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045394.D
 Acq On : 21 Mar 2025 17:35
 Operator : JC/MD
 Sample : Q1608-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20250317

Quant Time: Mar 21 23:18:45 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)

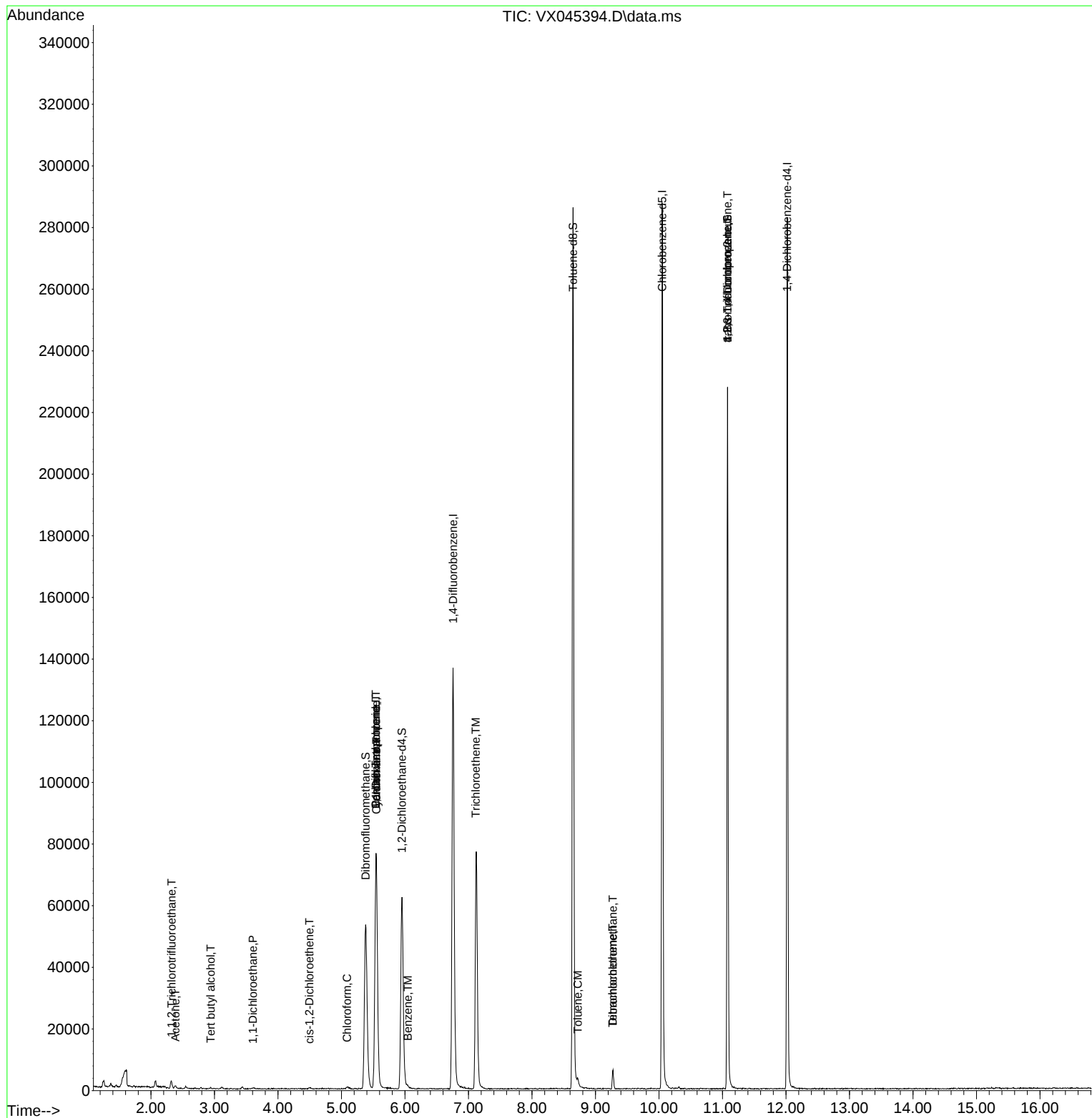
Internal Standards						
1) Pentafluorobenzene	5.544	168	66207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61439	58.340	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 116.680%		
35) Dibromofluoromethane	5.379	113	46700	53.758	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.520%		
50) Toluene-d8	8.647	98	164183	52.132	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.260%		
62) 4-Bromofluorobenzene	11.079	95	58315	55.878	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 111.760%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	938	1.219	ug/l	96
11) Tert butyl alcohol	2.941	59	53	0.266	ug/l #	73
16) Acetone	2.386	43	982	2.010	ug/l	99
24) 1,1-Dichloroethane	3.605	63	525	0.318	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	225	0.227	ug/l	77
30) Chloroform	5.087	83	862	0.526	ug/l	89
31) Cyclohexane	5.550	56	1917	1.338	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	6252	5.248	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7677	6.347	ug/l #	15
40) Benzene	6.044	78	950	0.253	ug/l #	79
44) Trichloroethene	7.117	130	29385	33.265	ug/l	96
52) Toluene	8.720	92	823	0.373	ug/l	86
60) Dibromochloromethane	9.275	129	1096	1.154	ug/l #	11
64) Tetrachloroethene	9.269	164	1171	1.489	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	33151	27.649	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33151	94.620	ug/l #	6

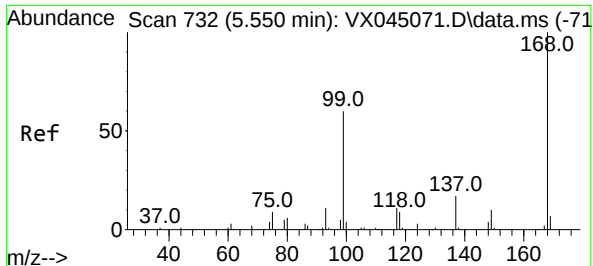
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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TT172S1-20250317

Quant Time: Mar 21 23:18:45 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

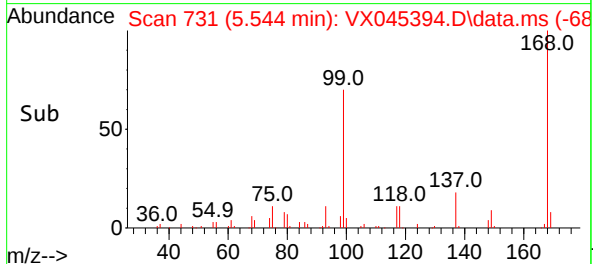
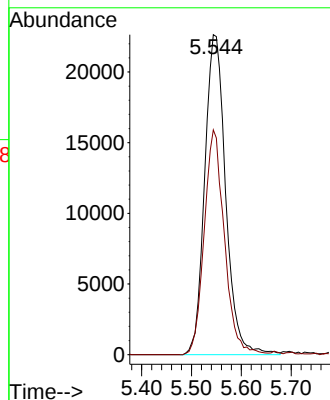
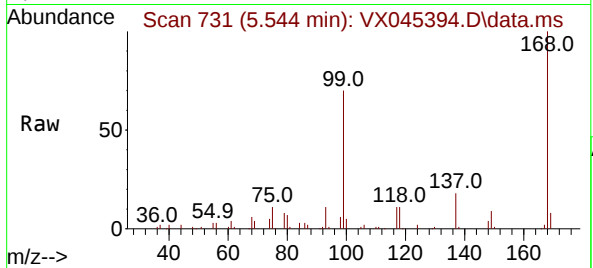




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

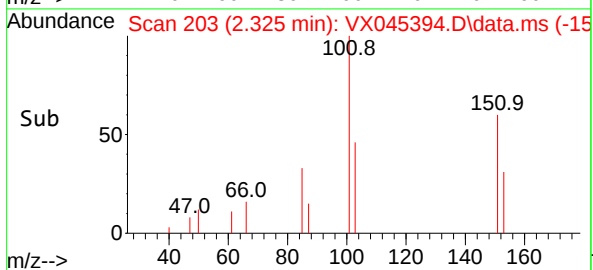
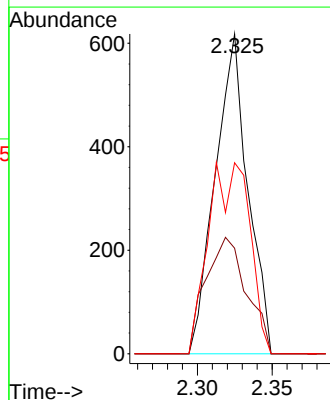
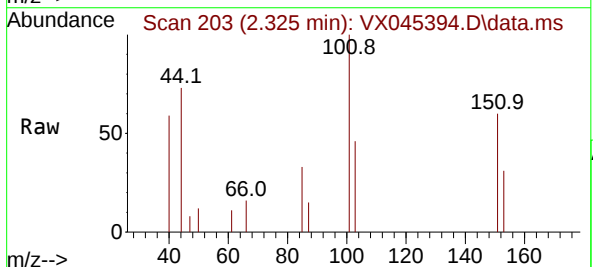
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20250317

Tgt Ion:168 Resp: 66207
Ion Ratio Lower Upper
168 100
99 70.2 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.219 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion:101 Resp: 938
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 75.6 56.4 84.6





#11

Tert butyl alcohol

Concen: 0.266 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045394.D

Acq: 21 Mar 2025 17:35

Instrument :

MSVOA_X

ClientSampleId :

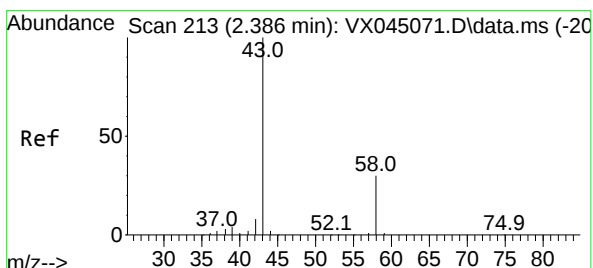
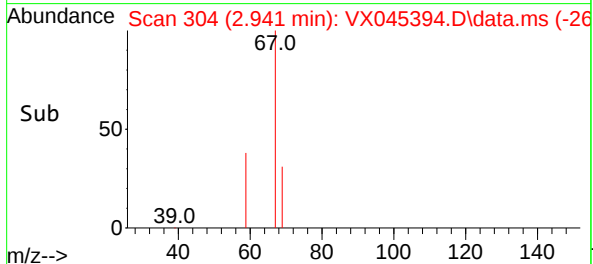
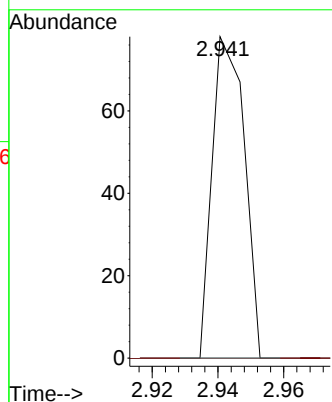
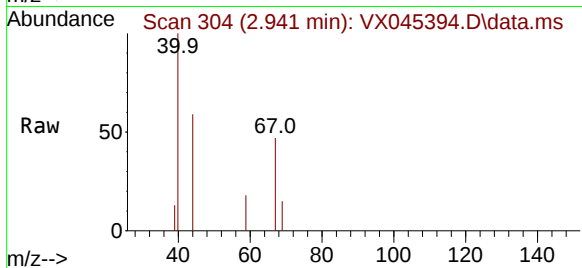
TT172S1-20250317

Tgt Ion: 59 Resp: 53

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 2.010 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045394.D

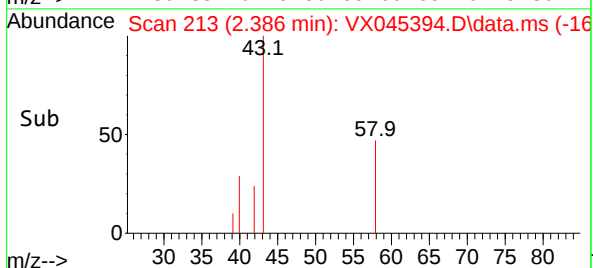
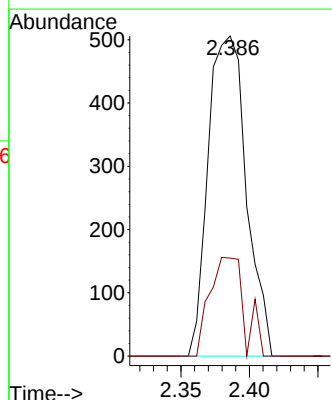
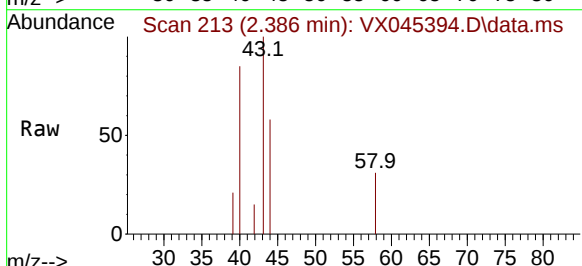
Acq: 21 Mar 2025 17:35

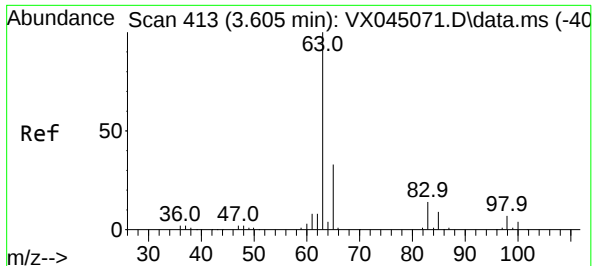
Tgt Ion: 43 Resp: 982

Ion Ratio Lower Upper

43 100

58 30.6 24.2 36.4

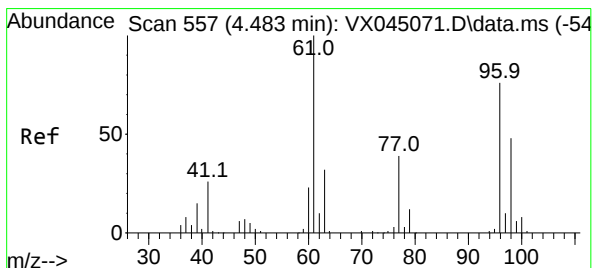
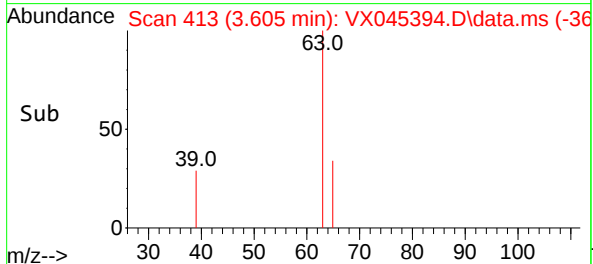
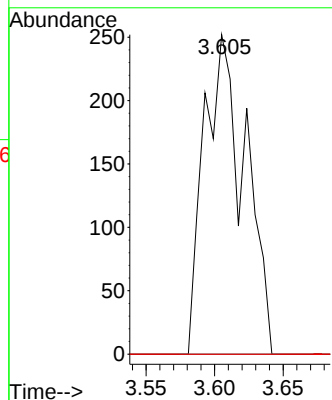
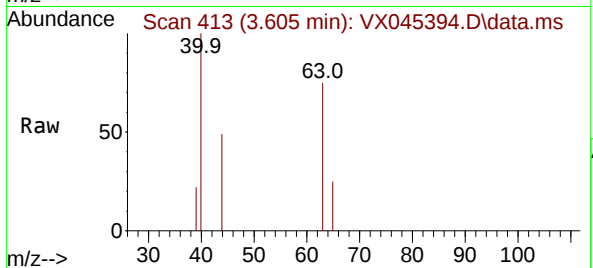




#24
 1,1-Dichloroethane
 Concen: 0.318 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045394.D
 Acq: 21 Mar 2025 17:35

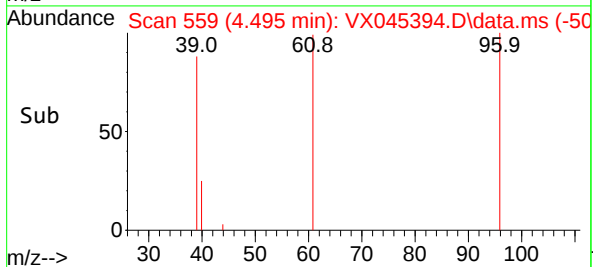
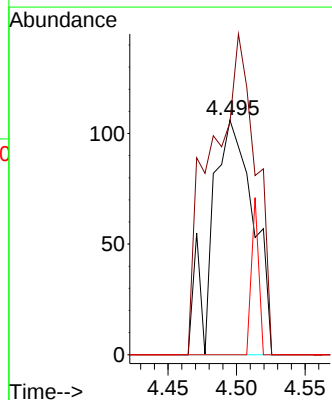
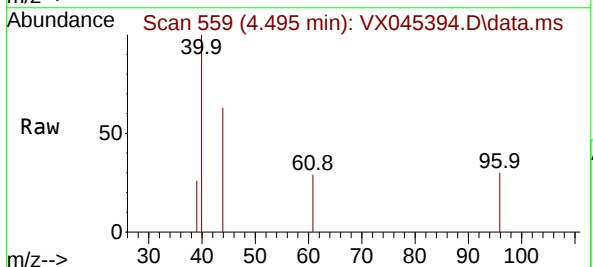
Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20250317

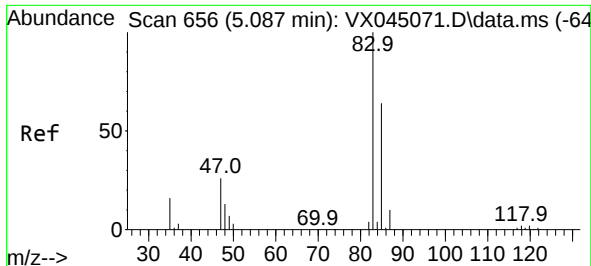
Tgt Ion: 63 Resp: 525
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.1 6.5#



#27
 cis-1,2-Dichloroethene
 Concen: 0.227 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: VX045394.D
 Acq: 21 Mar 2025 17:35

Tgt Ion: 96 Resp: 225
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 283.2
 98 11.6 0.0 128.0





#30

Chloroform

Concen: 0.526 ug/l

RT: 5.087 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX045394.D

Acq: 21 Mar 2025 17:35

Instrument :

MSVOA_X

ClientSampleId :

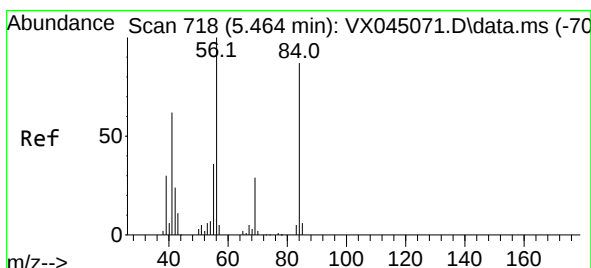
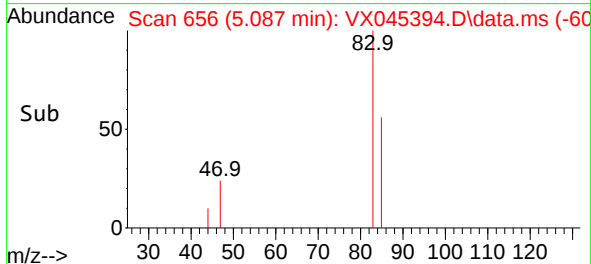
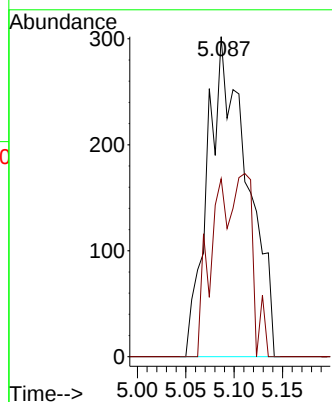
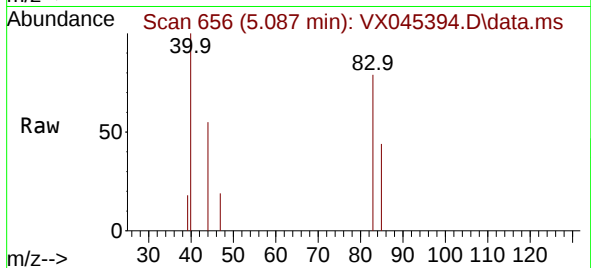
TT172S1-20250317

Tgt Ion: 83 Resp: 862

Ion Ratio Lower Upper

83 100

85 55.6 51.4 77.2



#31

Cyclohexane

Concen: 1.338 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045394.D

Acq: 21 Mar 2025 17:35

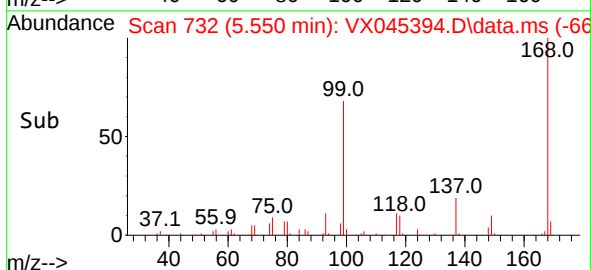
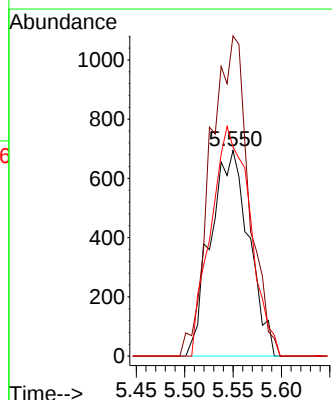
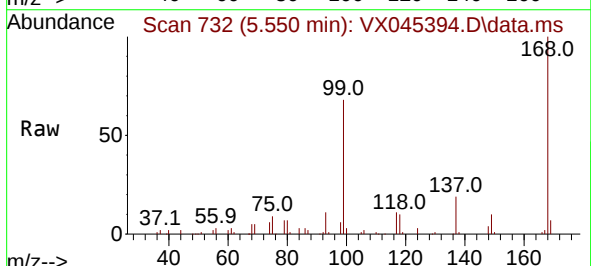
Tgt Ion: 56 Resp: 1917

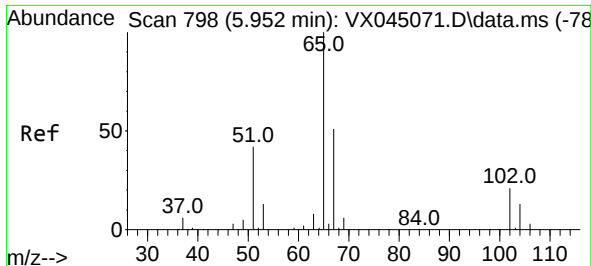
Ion Ratio Lower Upper

56 100

69 155.8 23.4 35.2#

84 101.7 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 58.340 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045394.D

Acq: 21 Mar 2025 17:35

Instrument :

MSVOA_X

ClientSampleId :

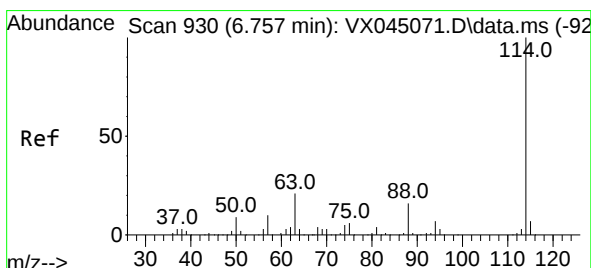
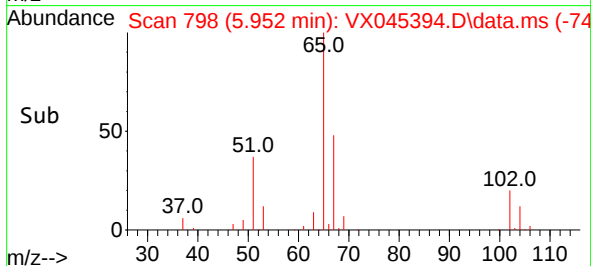
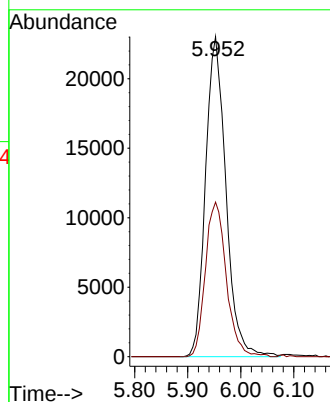
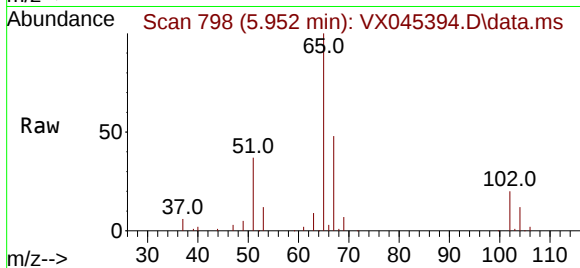
TT172S1-20250317

Tgt Ion: 65 Resp: 61439

Ion Ratio Lower Upper

65 100

67 49.6 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: VX045394.D

Acq: 21 Mar 2025 17:35

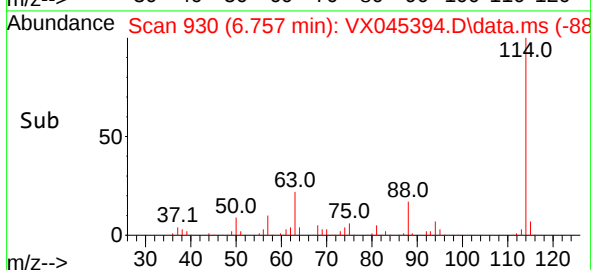
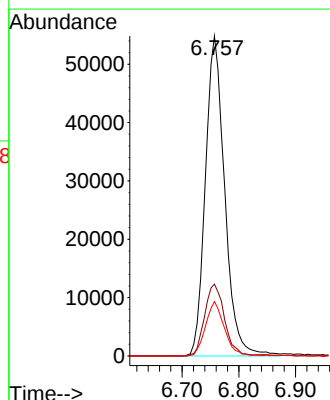
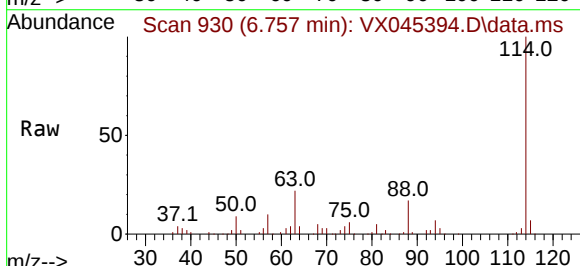
Tgt Ion: 114 Resp: 129916

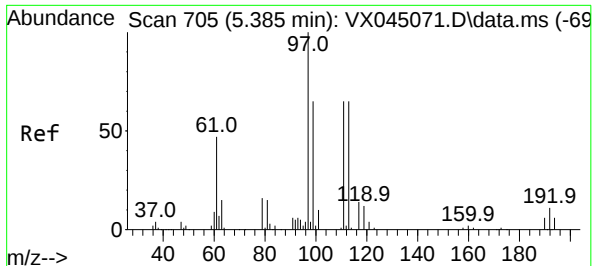
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 17.0 0.0 32.8

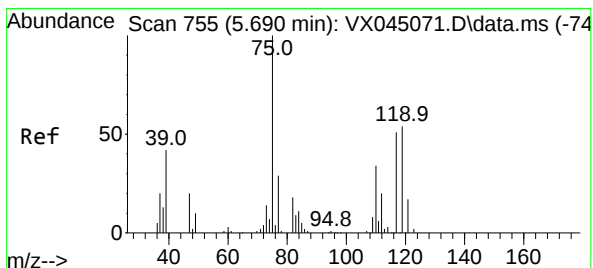
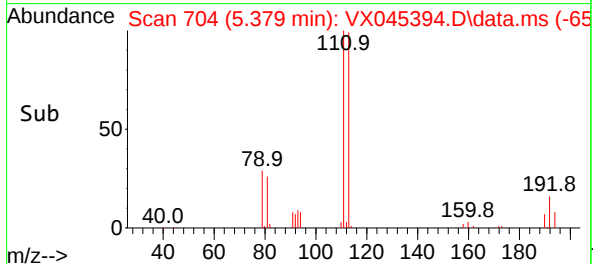
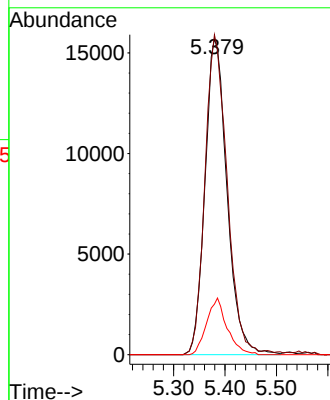
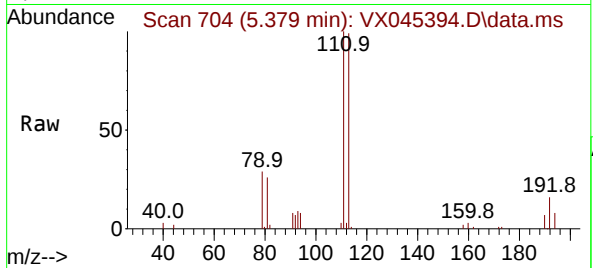




#35
Dibromofluoromethane
Concen: 53.758 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

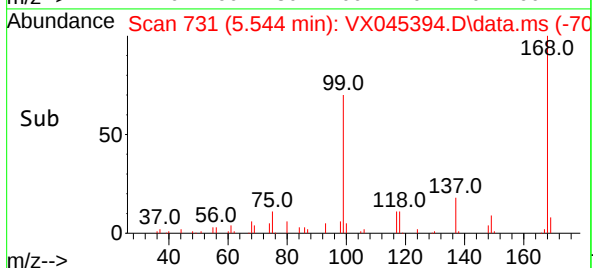
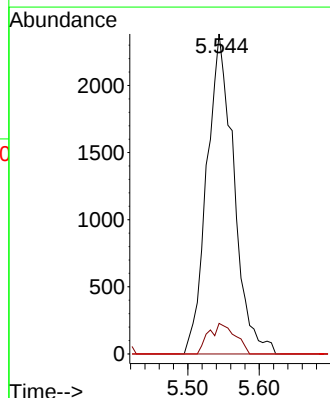
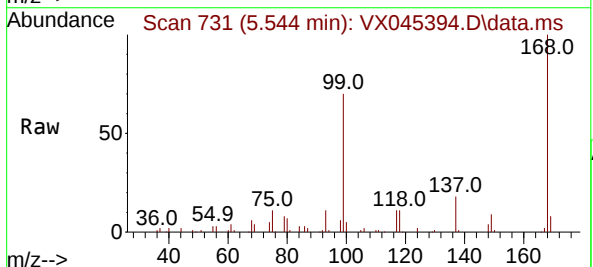
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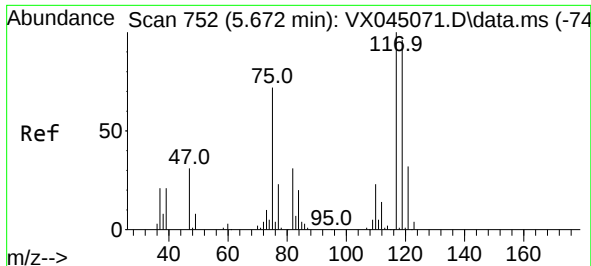
Tgt Ion:113 Resp: 46700
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 16.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.248 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

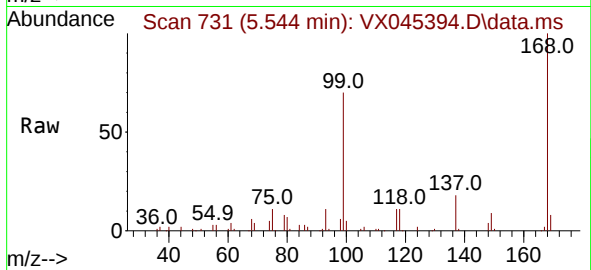
Tgt Ion: 75 Resp: 6252
Ion Ratio Lower Upper
75 100
110 9.3 16.9 50.6#
77 0.0 24.5 36.7#



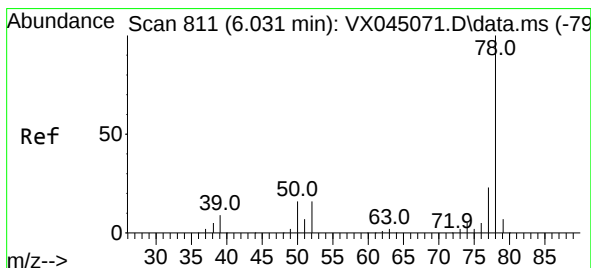
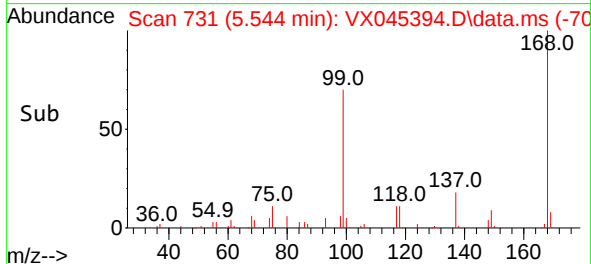
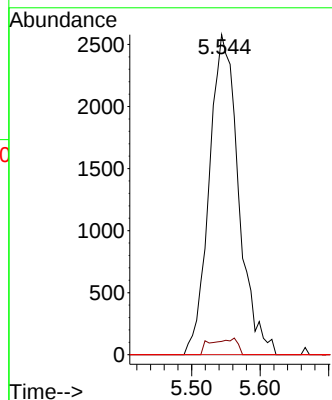


#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20250317

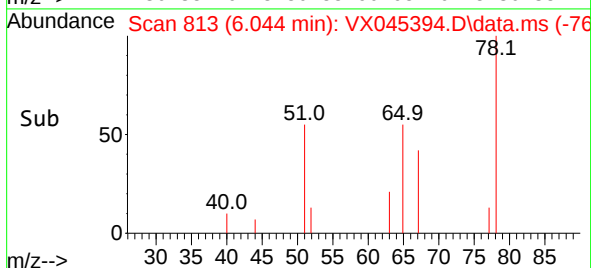
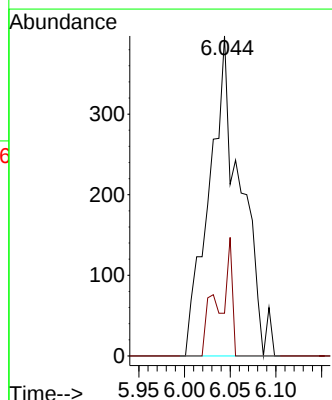
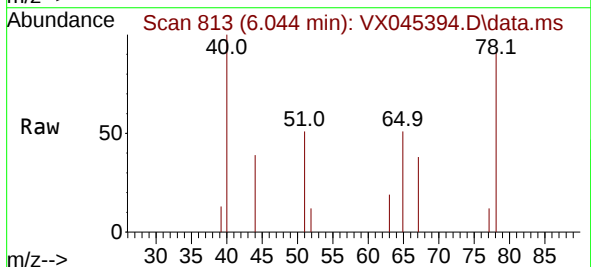


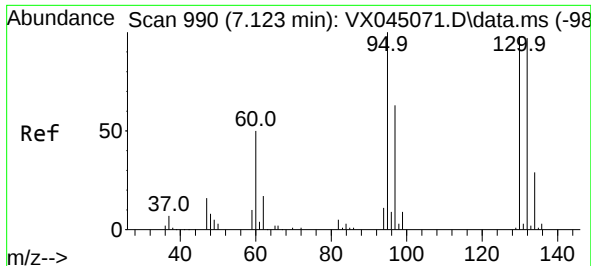
Tgt Ion:117 Resp: 7677
Ion Ratio Lower Upper
117 100
119 4.1 76.7 115.1#
121 0.0 25.5 38.3#



#40
Benzene
Concen: 0.253 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion: 78 Resp: 950
Ion Ratio Lower Upper
78 100
77 13.4 18.8 28.2#

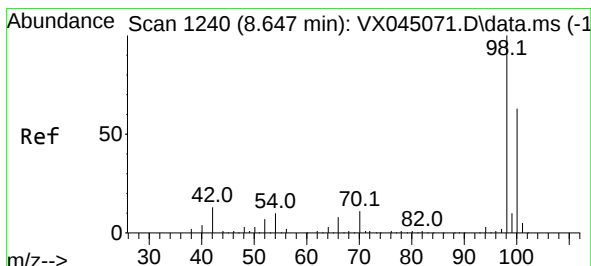
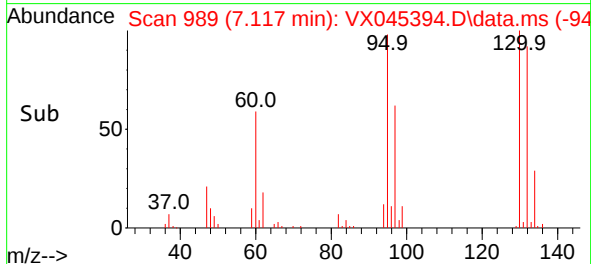
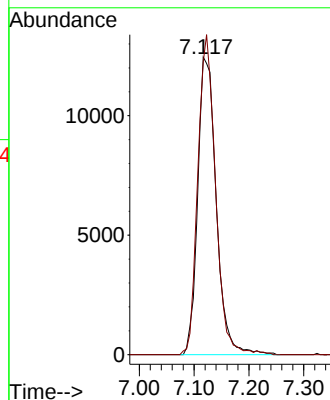
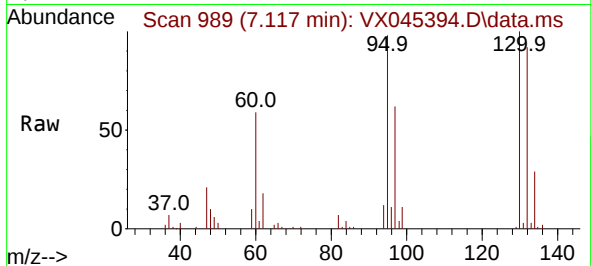




#44
Trichloroethene
Concen: 33.265 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

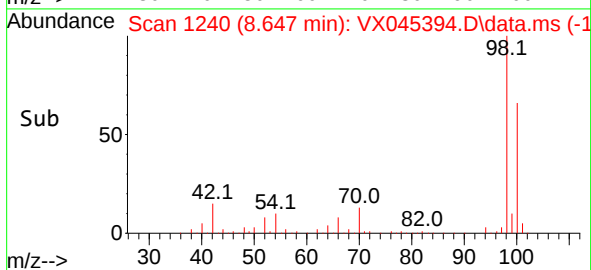
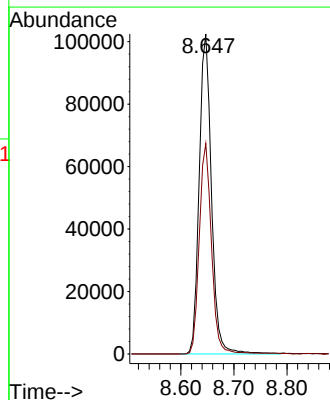
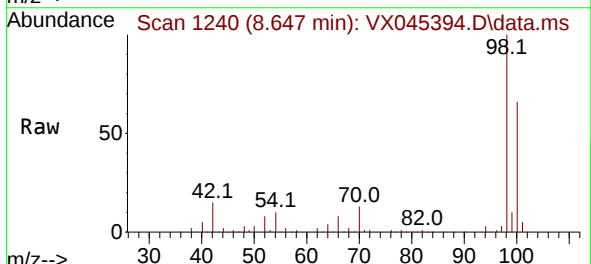
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20250317

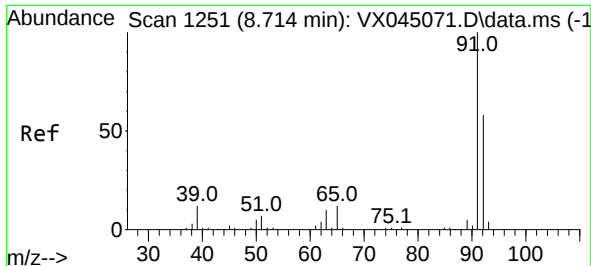
Tgt Ion:130 Resp: 29385
Ion Ratio Lower Upper
130 100
95 98.4 0.0 205.0



#50
Toluene-d8
Concen: 52.132 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion: 98 Resp: 164183
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

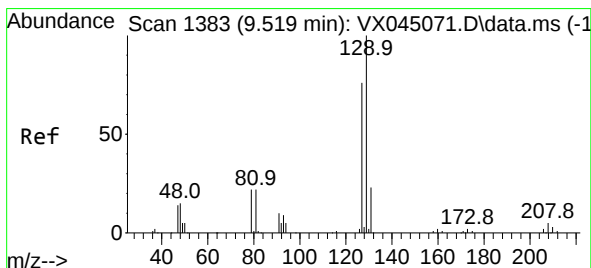
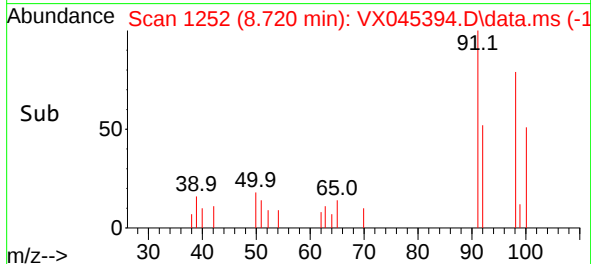
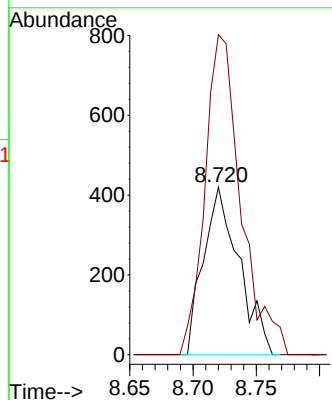
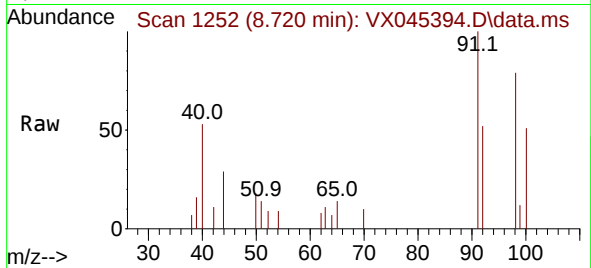




#52
Toluene
Concen: 0.373 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

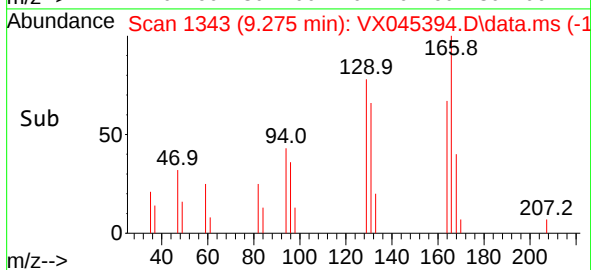
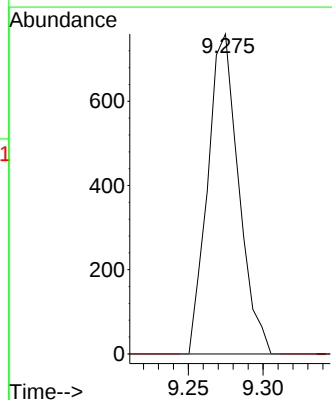
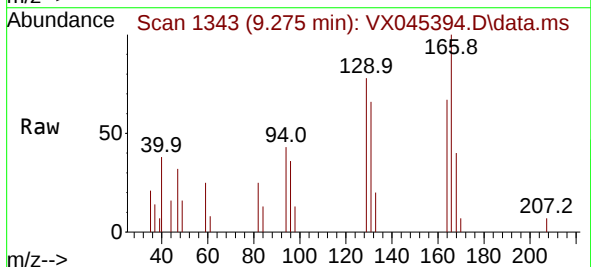
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20250317

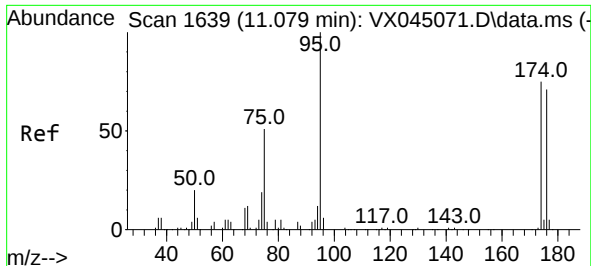
Tgt Ion: 92 Resp: 823
Ion Ratio Lower Upper
92 100
91 192.7 138.9 208.3



#60
Dibromochloromethane
Concen: 1.154 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion: 129 Resp: 1096
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 55.878 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045394.D

Acq: 21 Mar 2025 17:35

Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20250317

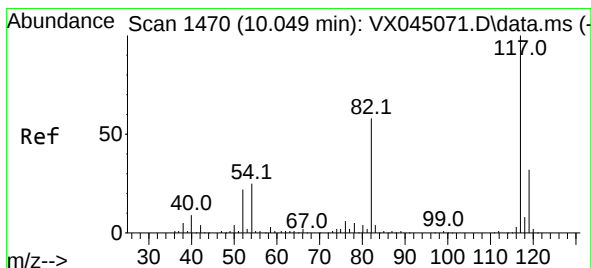
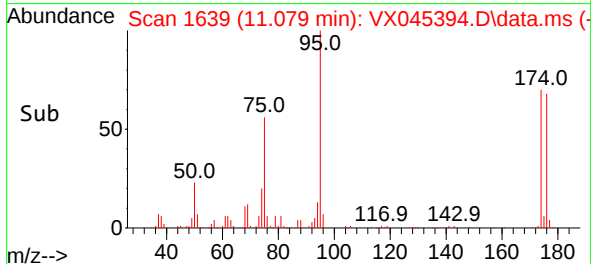
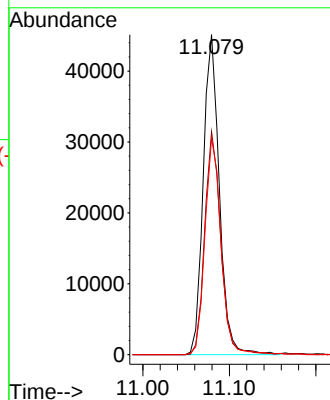
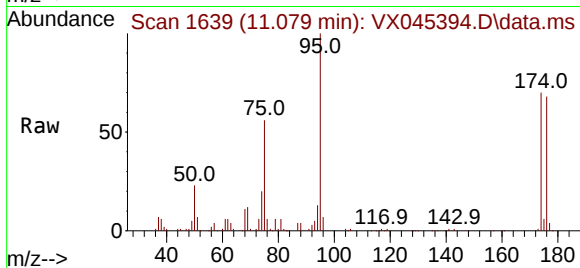
Tgt Ion: 95 Resp: 58315

Ion Ratio Lower Upper

95 100

174 69.6 0.0 148.2

176 68.0 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: VX045394.D

Acq: 21 Mar 2025 17:35

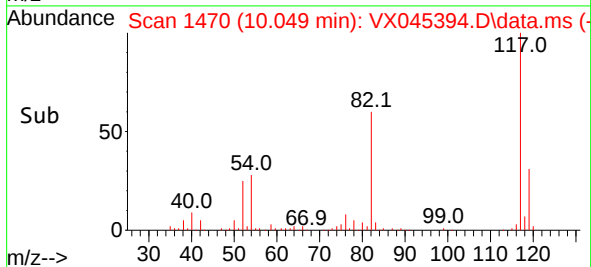
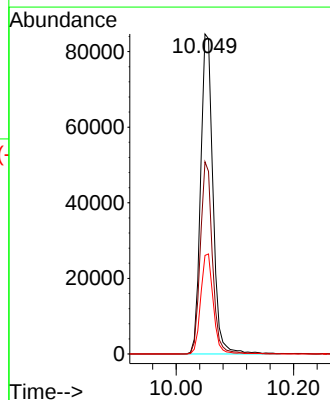
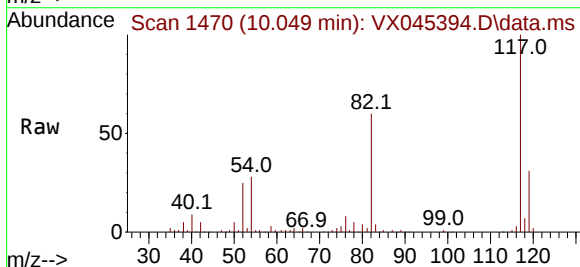
Tgt Ion: 117 Resp: 122794

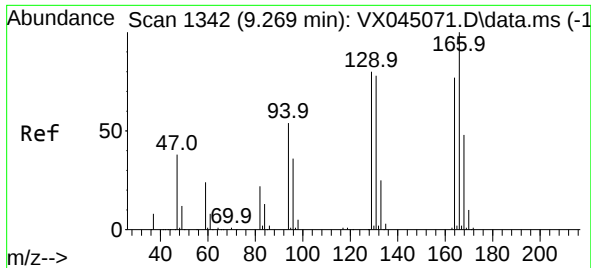
Ion Ratio Lower Upper

117 100

82 60.0 46.3 69.5

119 30.8 25.7 38.5

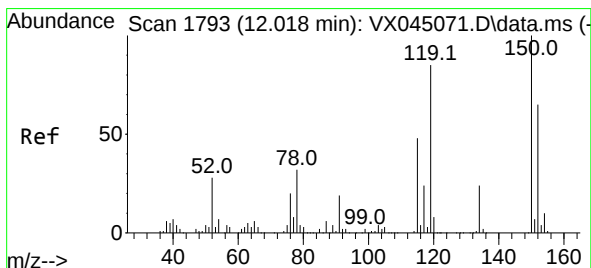
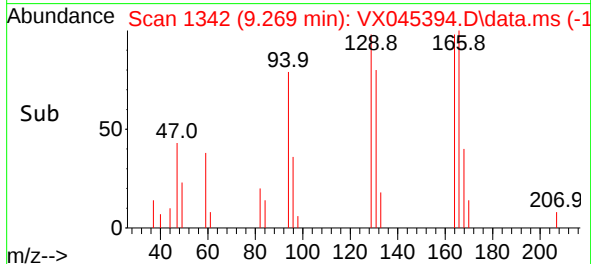
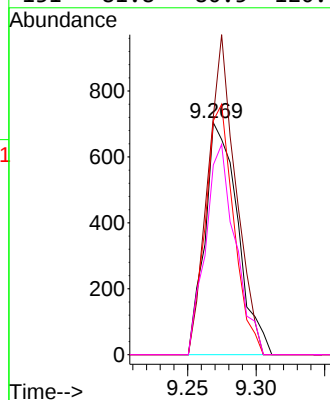
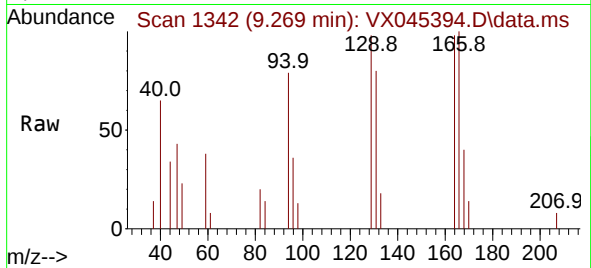




#64
Tetrachloroethene
Concen: 1.489 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

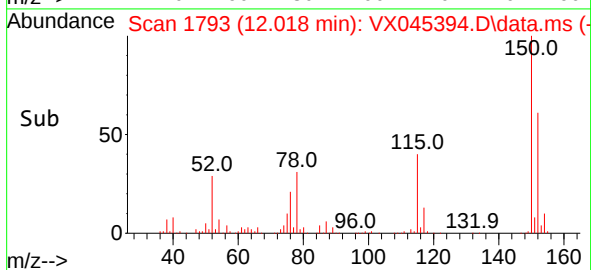
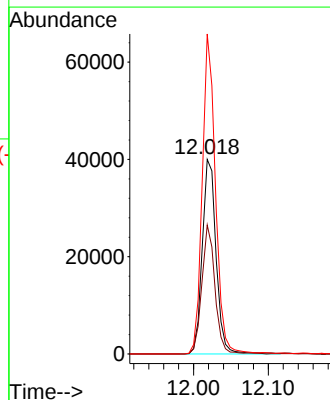
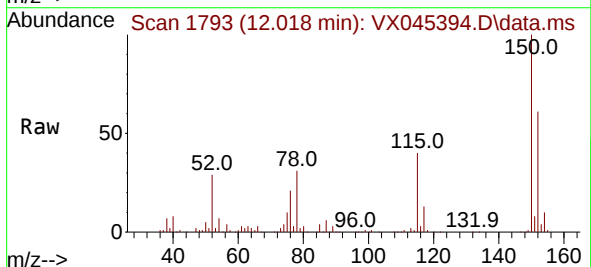
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20250317

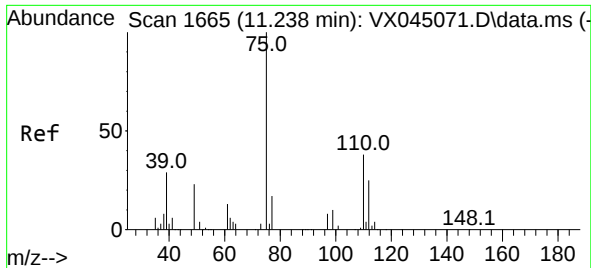
Tgt Ion:164 Resp: 1171
Ion Ratio Lower Upper
164 100
166 102.4 103.6 155.4#
129 100.9 82.7 124.1
131 81.8 80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion:152 Resp: 51514
Ion Ratio Lower Upper
152 100
115 62.8 44.2 132.6
150 156.3 0.0 349.0

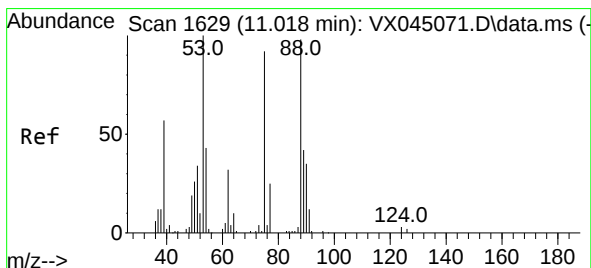
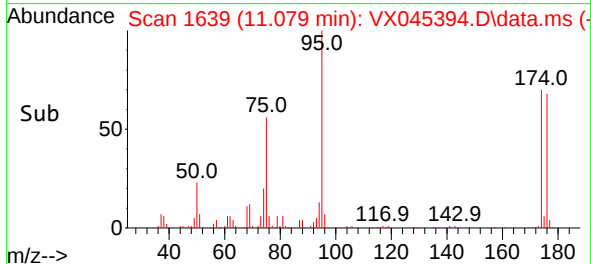
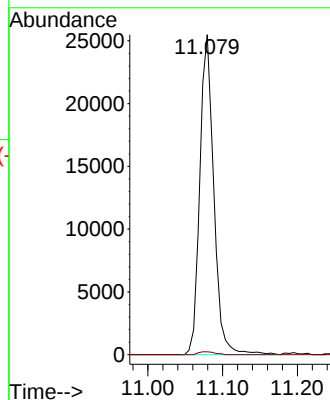
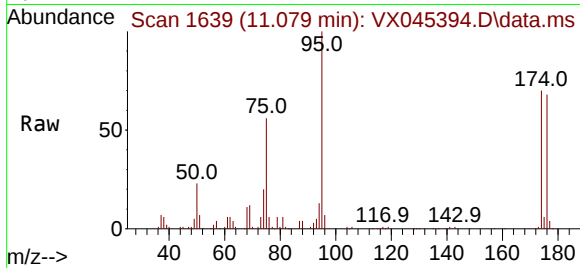




#76
1,2,3-Trichloropropane
Concen: 27.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20250317

Tgt Ion: 75 Resp: 33151
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion: 75 Resp: 33151
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

