

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044917.D
 Acq On : 11 Feb 2025 19:28
 Operator : JC/MD
 Sample : Q1327-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 02:47:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

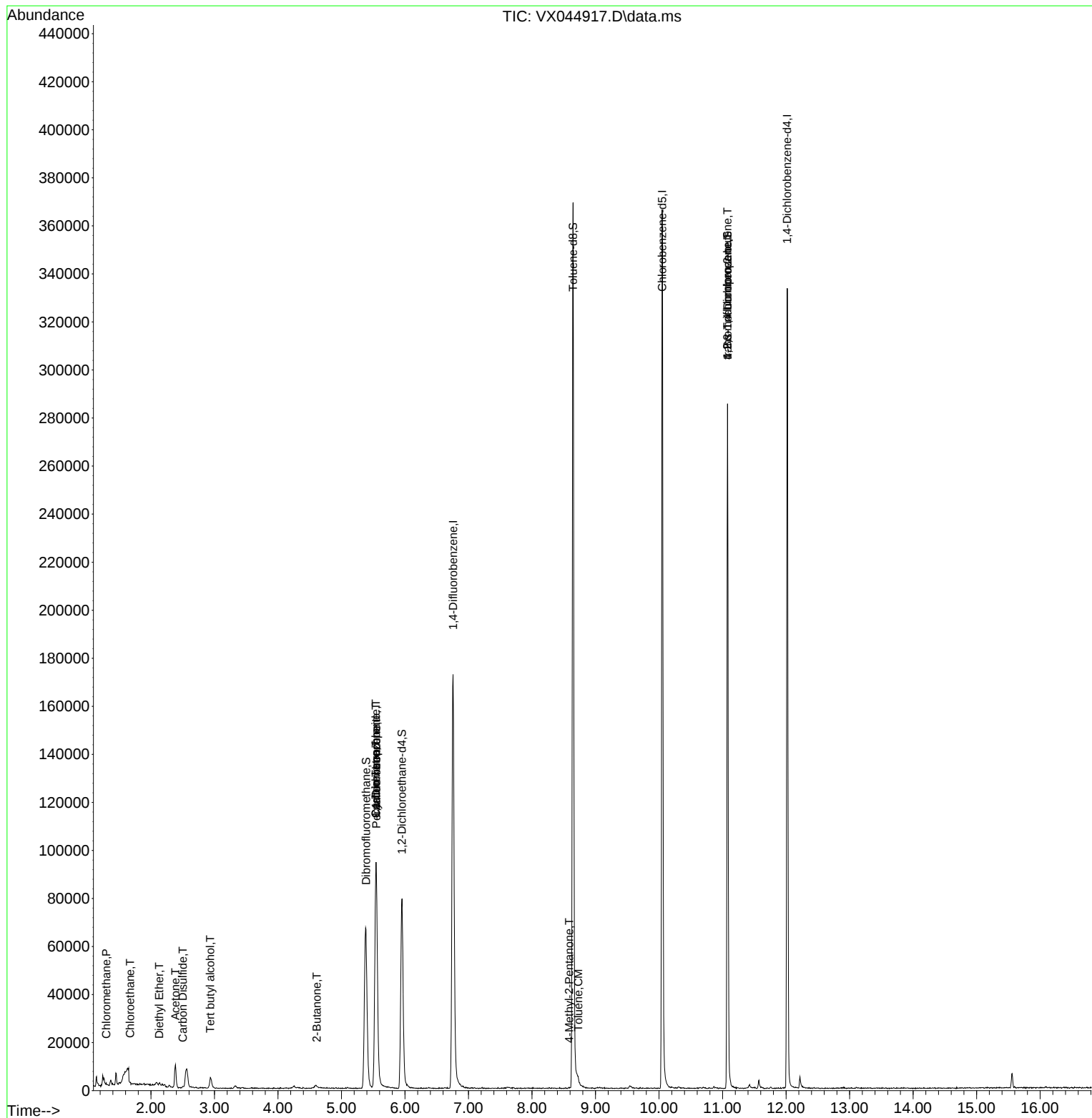
Internal Standards						
1) Pentafluorobenzene	5.550	168	91582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	164292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70620	52.678	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.360%	
35) Dibromofluoromethane	5.385	113	60174	50.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.600%	
50) Toluene-d8	8.647	98	226513	50.566	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	11.079	95	76883	50.911	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	551	0.352	ug/l #	70
6) Chloroethane	1.672	64	76	1.445	ug/l #	42
8) Diethyl Ether	2.129	74	176	0.253	ug/l #	29
11) Tert butyl alcohol	2.934	59	2753	11.069	ug/l #	73
16) Acetone	2.385	43	10450	19.390	ug/l	95
17) Carbon Disulfide	2.501	76	738	0.228	ug/l #	76
25) 2-Butanone	4.611	43	1983	2.266	ug/l	98
31) Cyclohexane	5.543	56	2131	1.024	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	8103	4.741	ug/l #	49
38) Carbon Tetrachloride	5.543	117	9155	5.466	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	495	0.265	ug/l #	37
52) Toluene	8.726	92	964	0.303	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	40049	26.855	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40049	69.082	ug/l #	11

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

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Quant Time: Feb 12 02:47:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

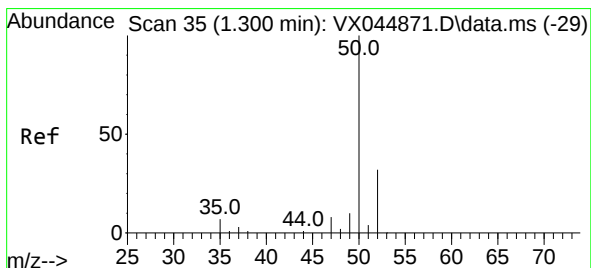
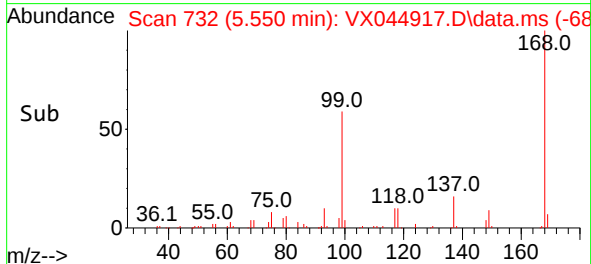
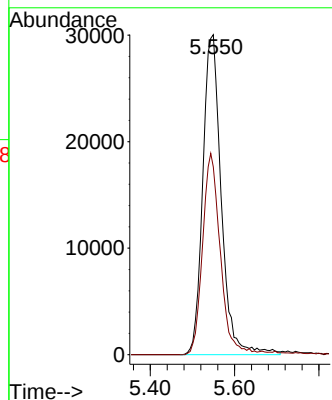
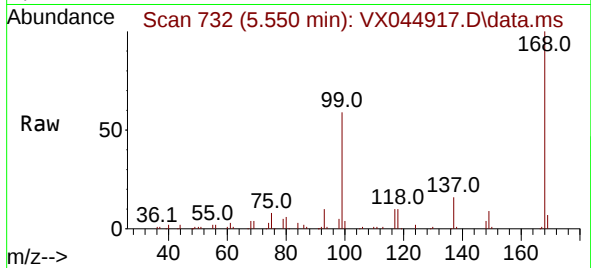




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

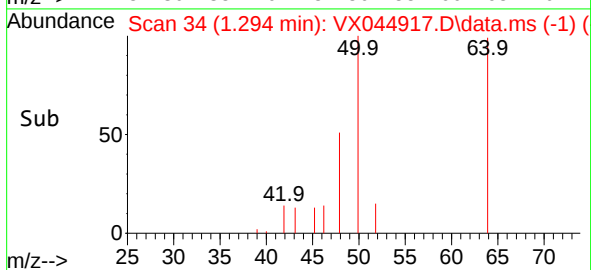
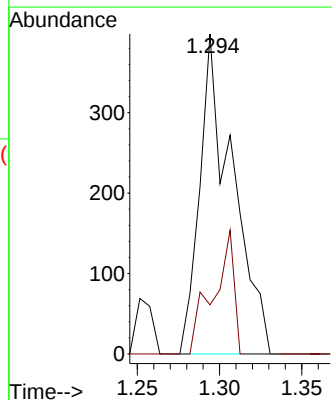
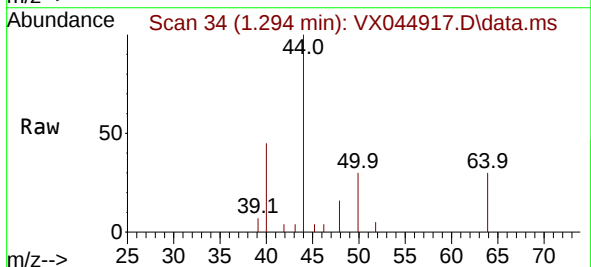
Instrument :
MSVOA_X
ClientSampleId :

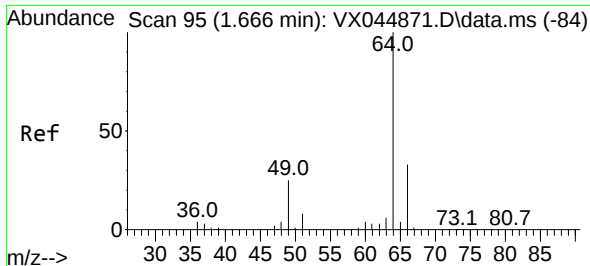
Tgt Ion:168 Resp: 91582
Ion Ratio Lower Upper
168 100
99 58.7 51.2 76.8



#3
Chloromethane
Concen: 0.352 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Tgt Ion: 50 Resp: 551
Ion Ratio Lower Upper
50 100
52 15.3 25.9 38.9#

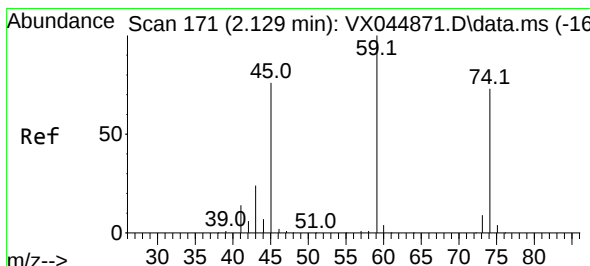
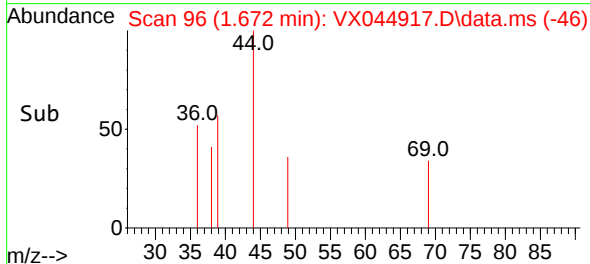
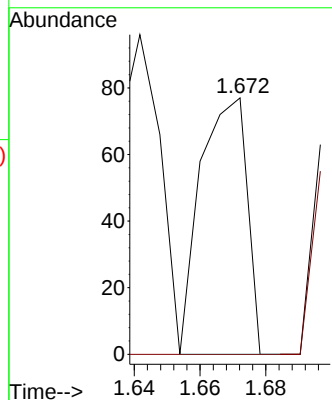
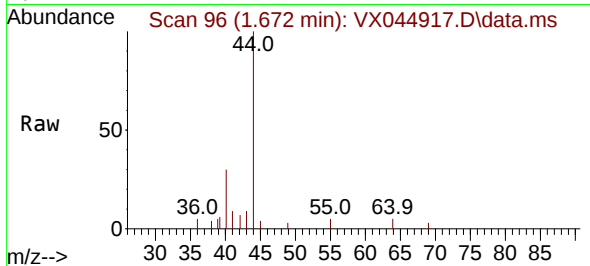




#6
Chloroethane
Concen: 1.445 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

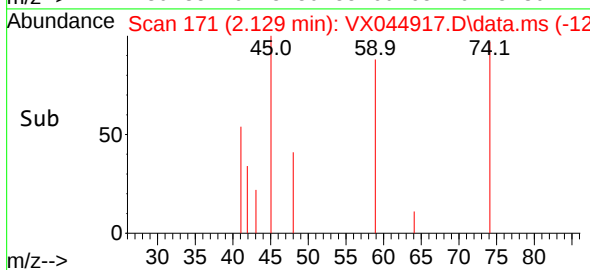
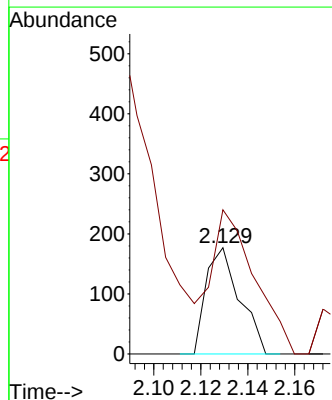
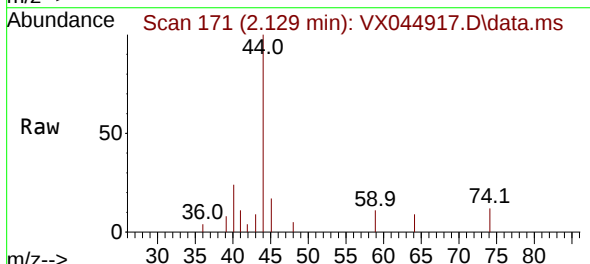
Instrument :
MSVOA_X
ClientSampleId :

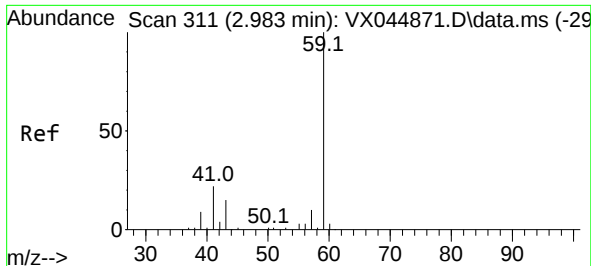
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#8
Diethyl Ether
Concen: 0.253 ug/l
RT: 2.129 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Tgt Ion: 74 Resp: 176
Ion Ratio Lower Upper
74 100
45 174.4 51.1 153.4#

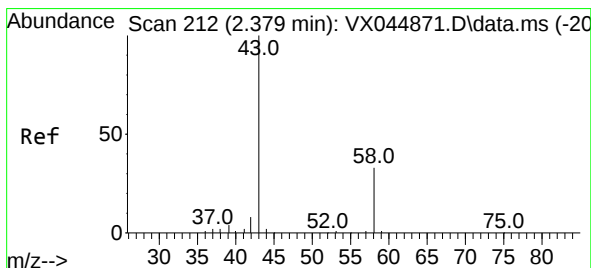
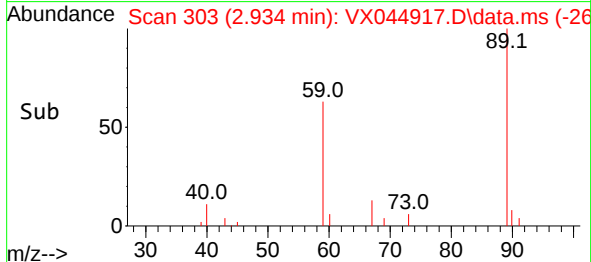
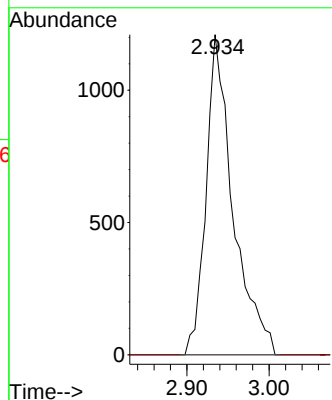
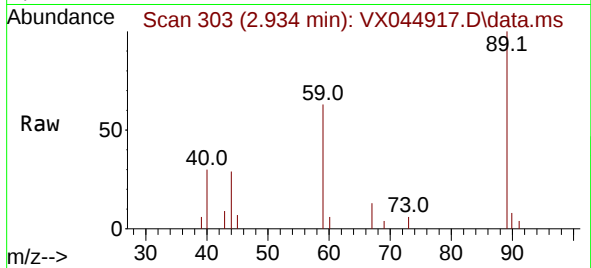




#11
Tert butyl alcohol
Concen: 11.069 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

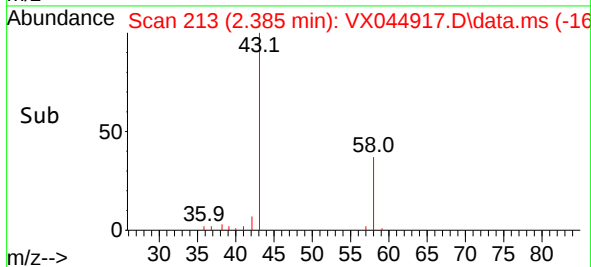
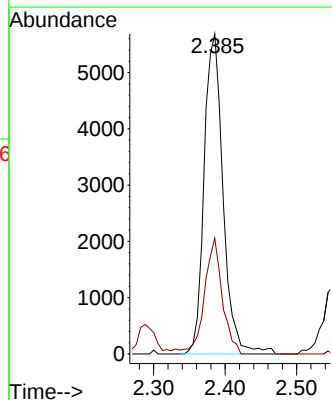
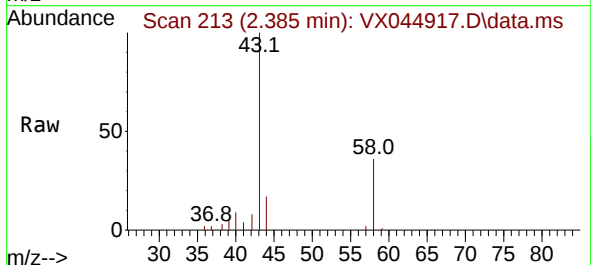
Instrument :
MSVOA_X
ClientSampleId :

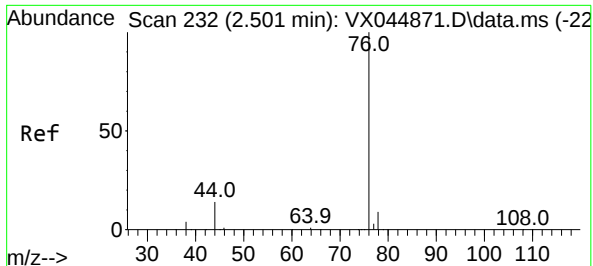
Tgt Ion: 59 Resp: 2753
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 19.390 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Tgt Ion: 43 Resp: 10450
Ion Ratio Lower Upper
43 100
58 36.1 26.5 39.7

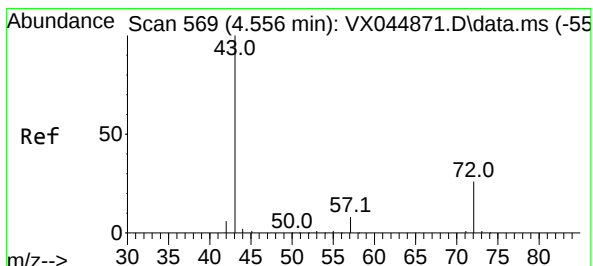
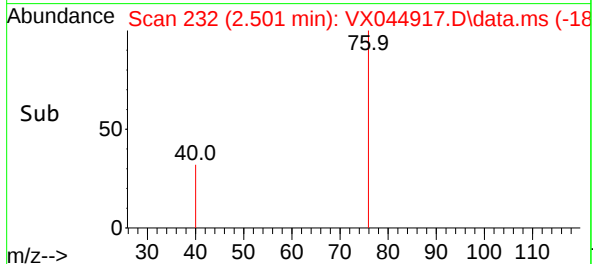
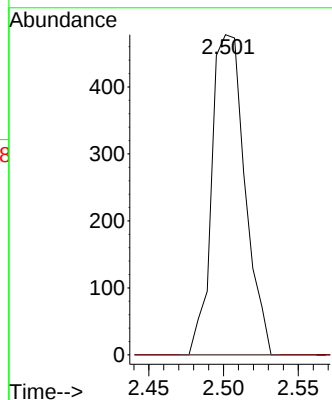
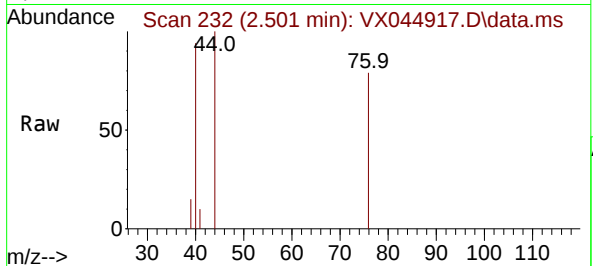




#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

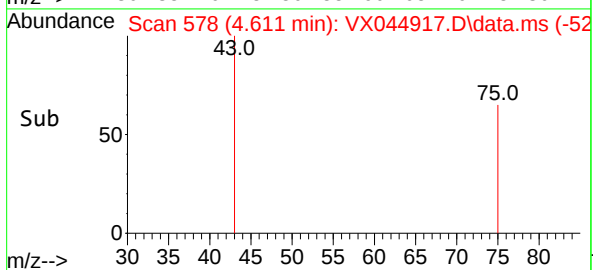
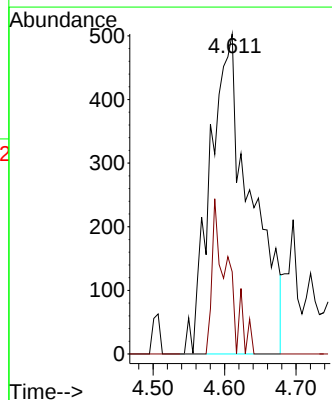
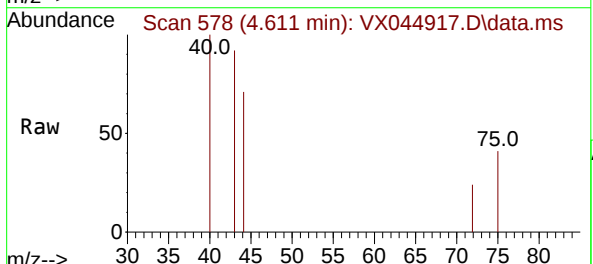
Instrument :
MSVOA_X
ClientSampleId :

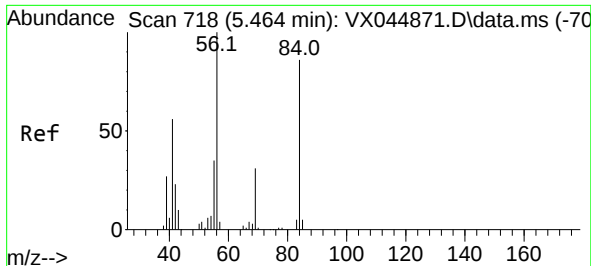
Tgt Ion: 76 Resp: 738
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#25
2-Butanone
Concen: 2.266 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.055 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

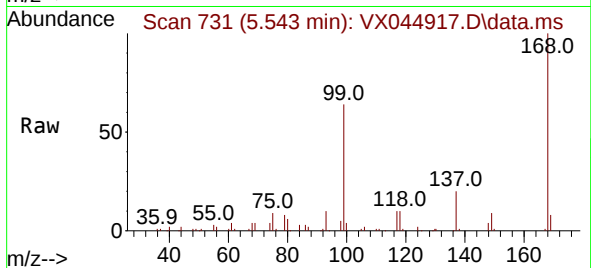
Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
72 25.6 21.2 31.8



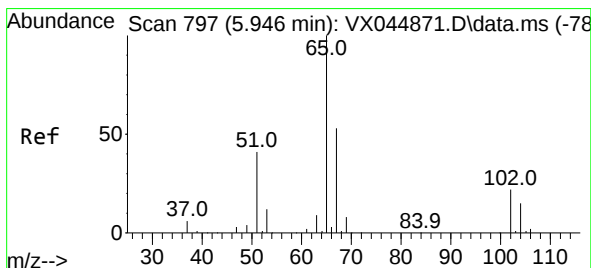
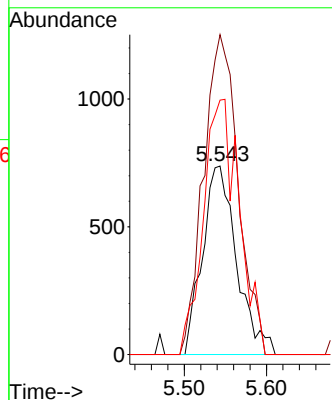
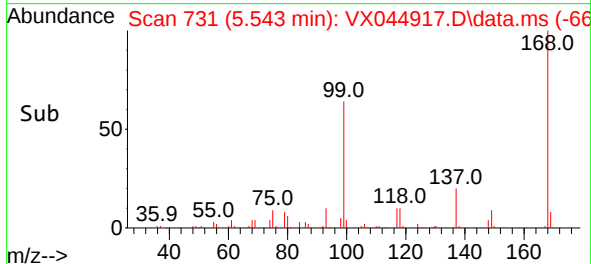


#31
Cyclohexane
Concen: 1.024 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :

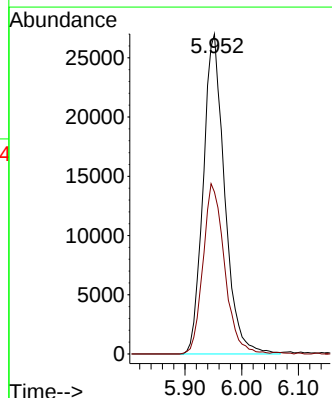
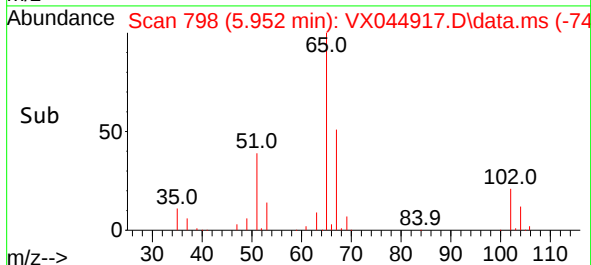
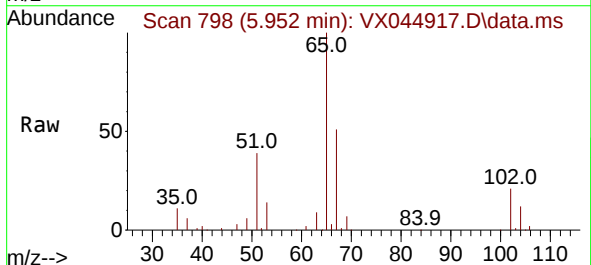


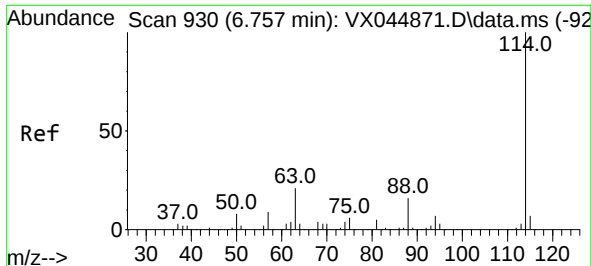
Tgt Ion: 56 Resp: 2131
Ion Ratio Lower Upper
56 100
69 169.6 24.4 36.6#
84 135.0 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 52.678 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Tgt Ion: 65 Resp: 70620
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.2

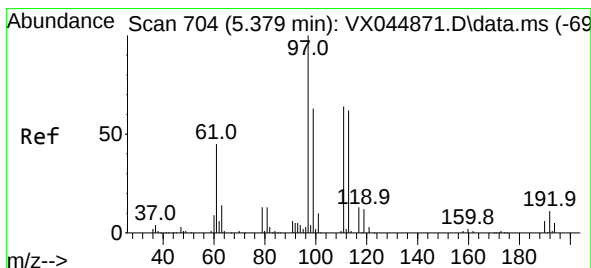
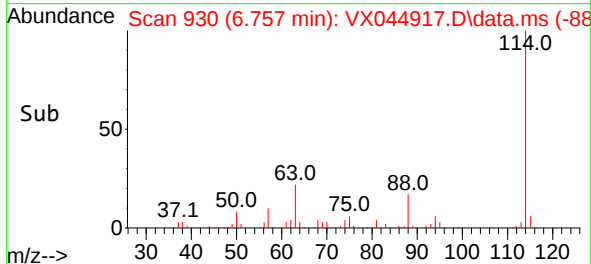
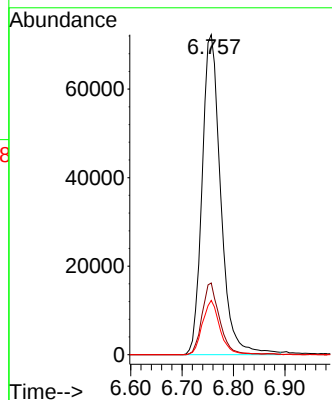
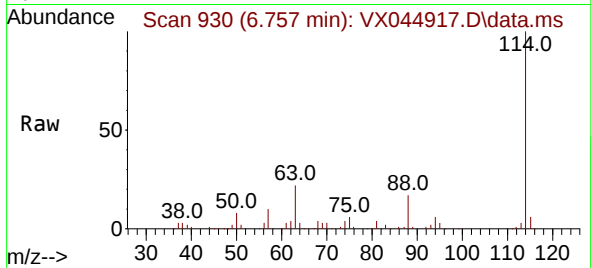




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

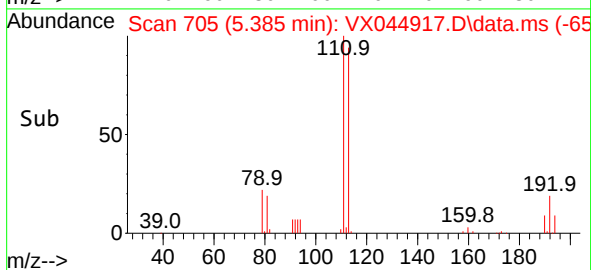
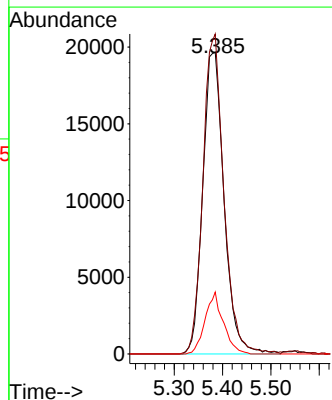
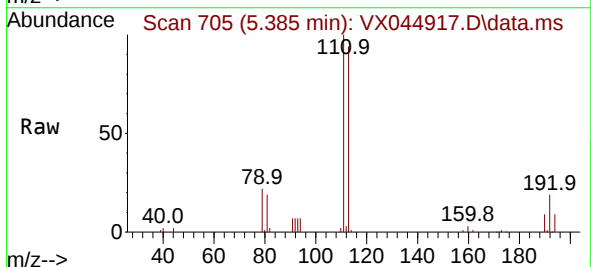
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MSVOA_X
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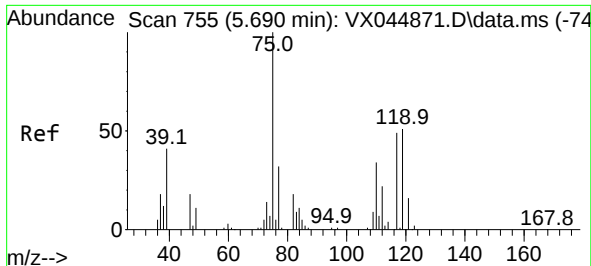
Tgt Ion:114 Resp: 182202
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.4
88 17.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.796 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Tgt Ion:113 Resp: 60174
Ion Ratio Lower Upper
113 100
111 104.0 83.5 125.3
192 17.5 14.4 21.6

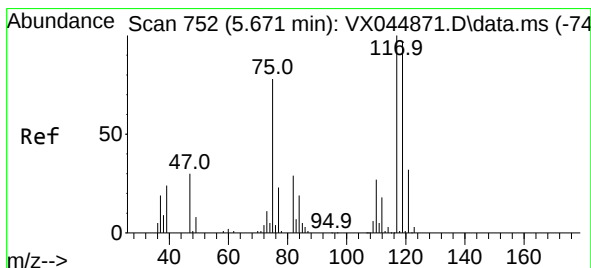
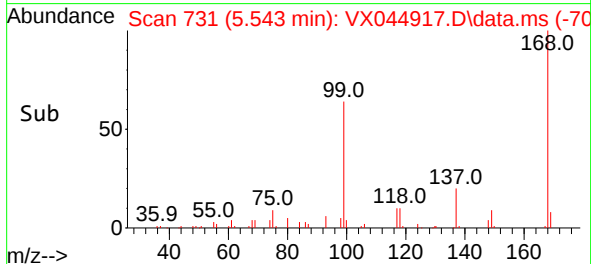
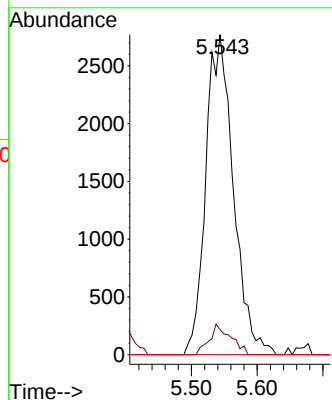
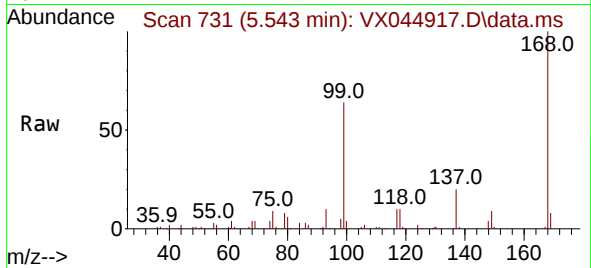




#36
1,1-Dichloropropene
Concen: 4.741 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

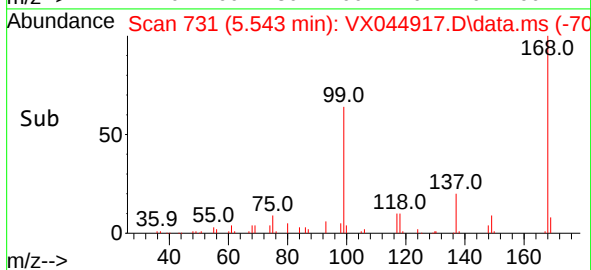
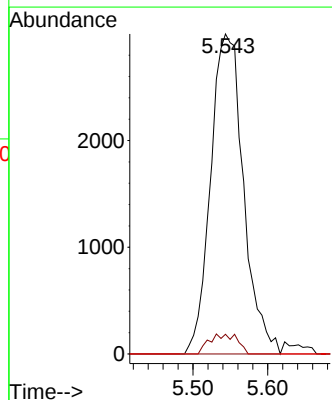
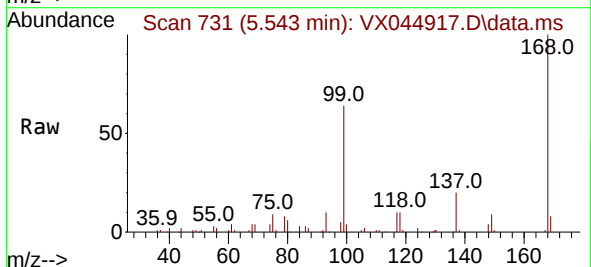
Instrument :
MSVOA_X
ClientSampleId :

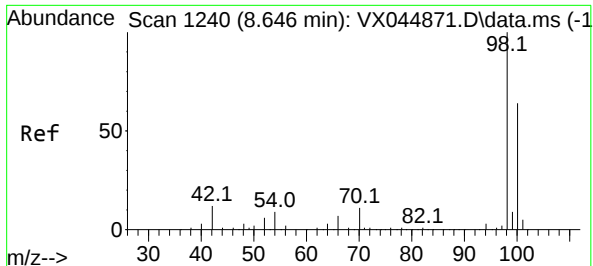
Tgt Ion: 75 Resp: 8103
Ion Ratio Lower Upper
75 100
110 7.4 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.466 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Tgt Ion: 117 Resp: 9155
Ion Ratio Lower Upper
117 100
119 6.2 77.5 116.3#
121 0.0 25.6 38.4#

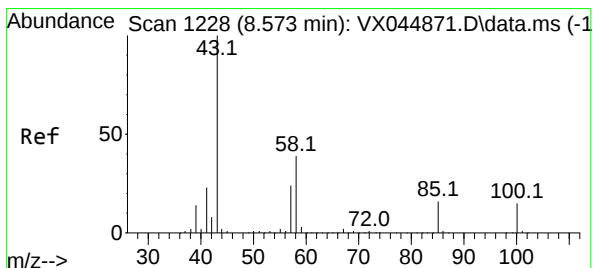
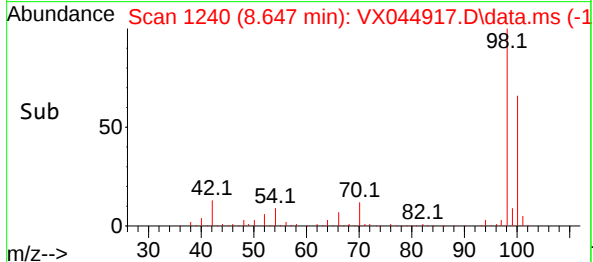
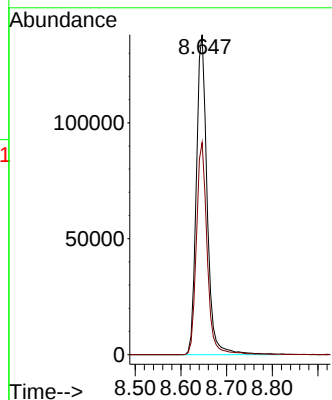
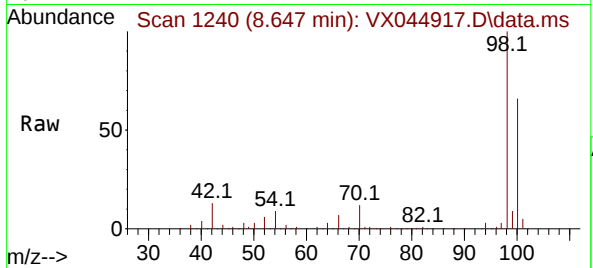




#50
Toluene-d8
Concen: 50.566 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

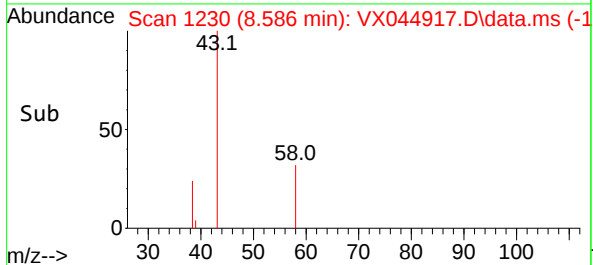
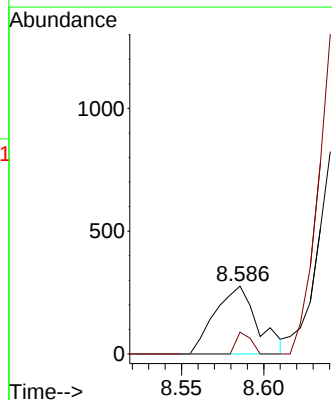
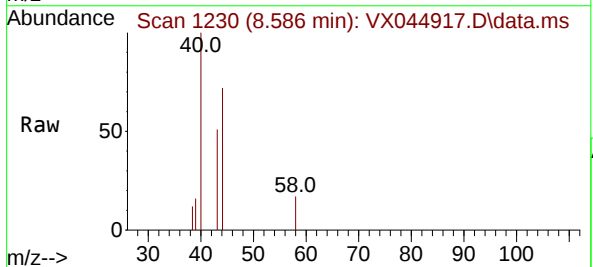
Instrument :
MSVOA_X
ClientSampleId :

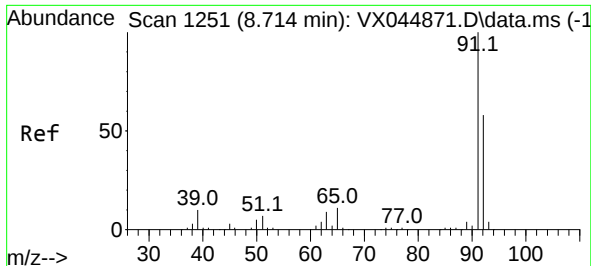
Tgt Ion: 98 Resp: 226513
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.265 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Tgt Ion: 43 Resp: 495
Ion Ratio Lower Upper
43 100
58 0.0 30.8 46.2#

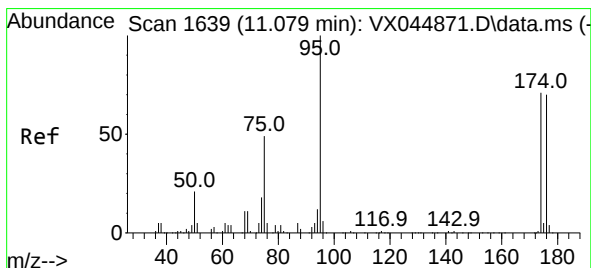
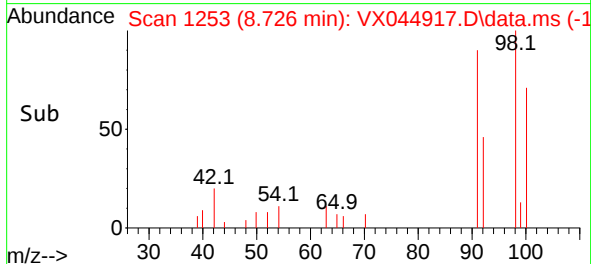
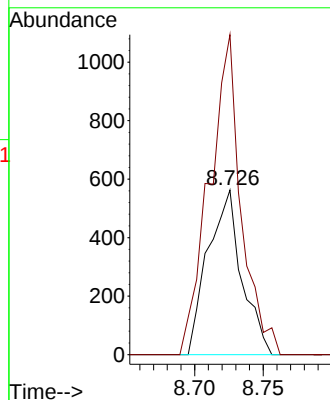
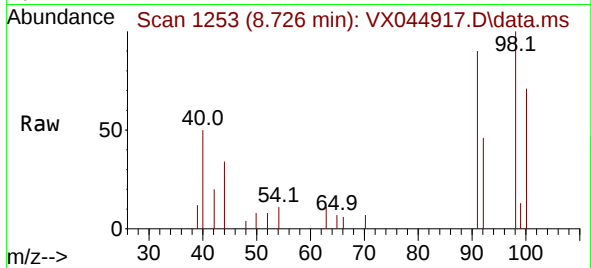




#52
Toluene
Concen: 0.303 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

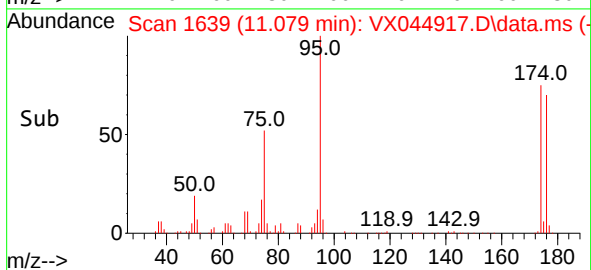
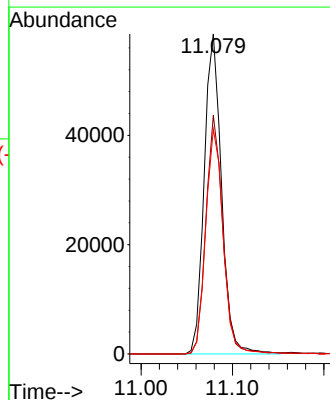
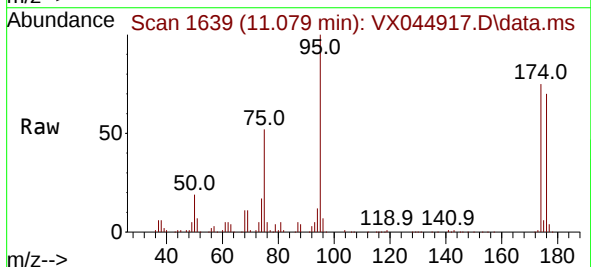
Instrument :
MSVOA_X
ClientSampleId :

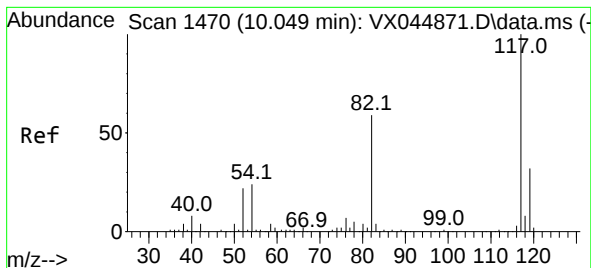
Tgt Ion: 92 Resp: 964
Ion Ratio Lower Upper
92 100
91 183.4 137.4 206.2



#62
4-Bromofluorobenzene
Concen: 50.911 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Tgt Ion: 95 Resp: 76883
Ion Ratio Lower Upper
95 100
174 73.4 0.0 142.6
176 71.1 0.0 141.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044917.D

Acq: 11 Feb 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

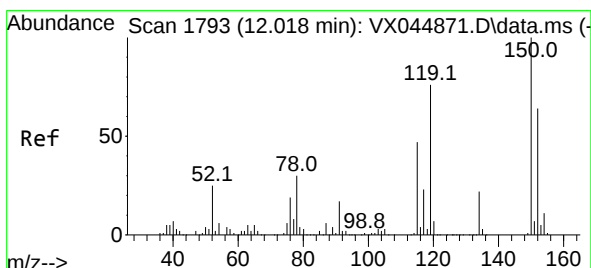
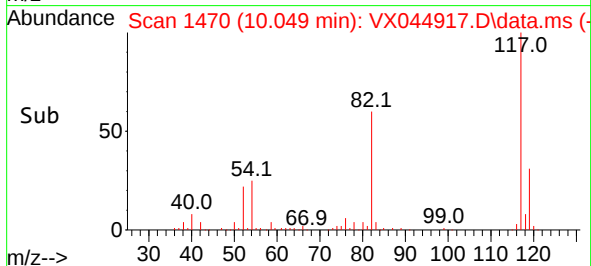
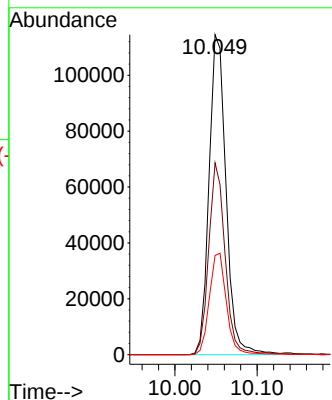
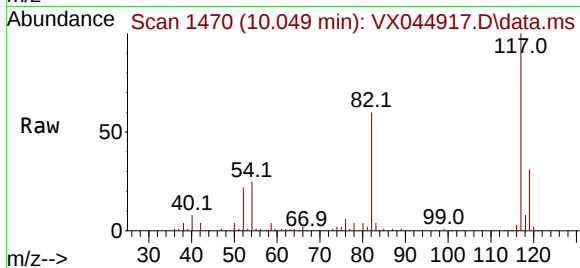
Tgt Ion:117 Resp: 164292

Ion Ratio Lower Upper

117 100

82 59.9 47.5 71.3

119 31.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044917.D

Acq: 11 Feb 2025 19:28

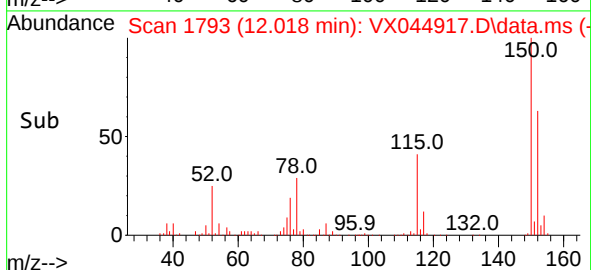
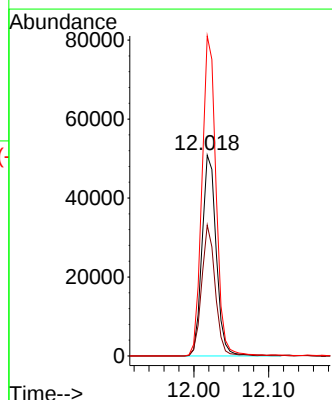
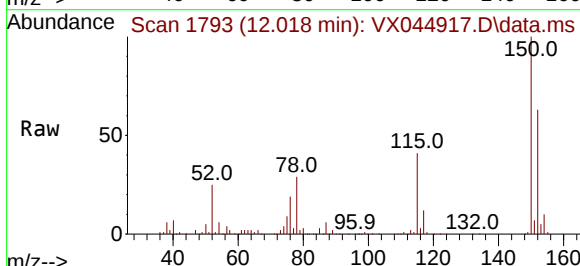
Tgt Ion:152 Resp: 67262

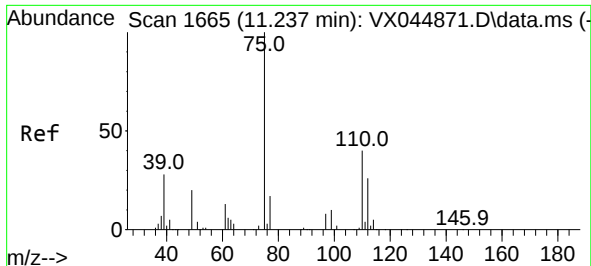
Ion Ratio Lower Upper

152 100

115 62.2 43.4 130.1

150 157.4 0.0 350.4

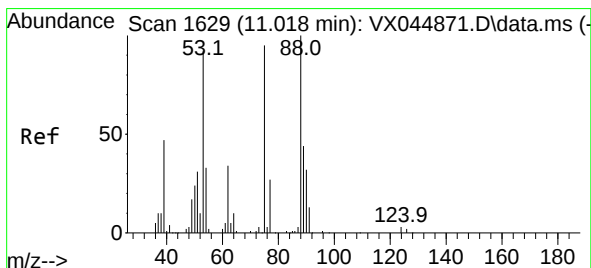
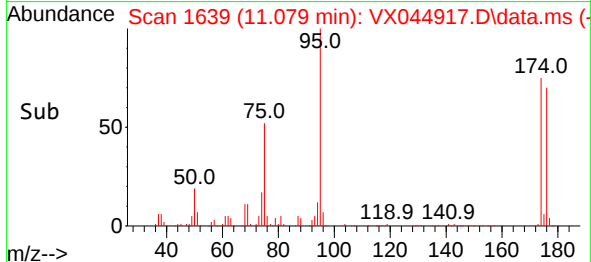
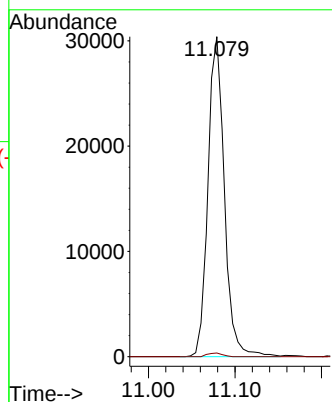
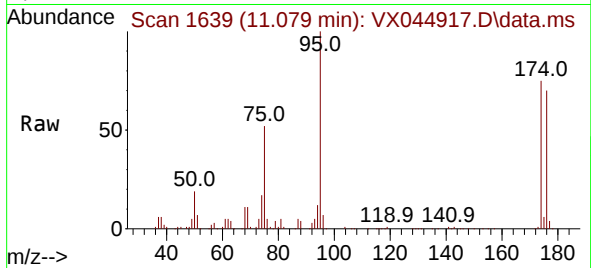




#76
1,2,3-Trichloropropane
Concen: 26.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40049
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.082 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044917.D
Acq: 11 Feb 2025 19:28

Tgt Ion: 75 Resp: 40049
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

