

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX044998.D
 Acq On : 19 Feb 2025 11:43
 Operator : JC/MD
 Sample : VX0219WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 20 02:35:03 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)

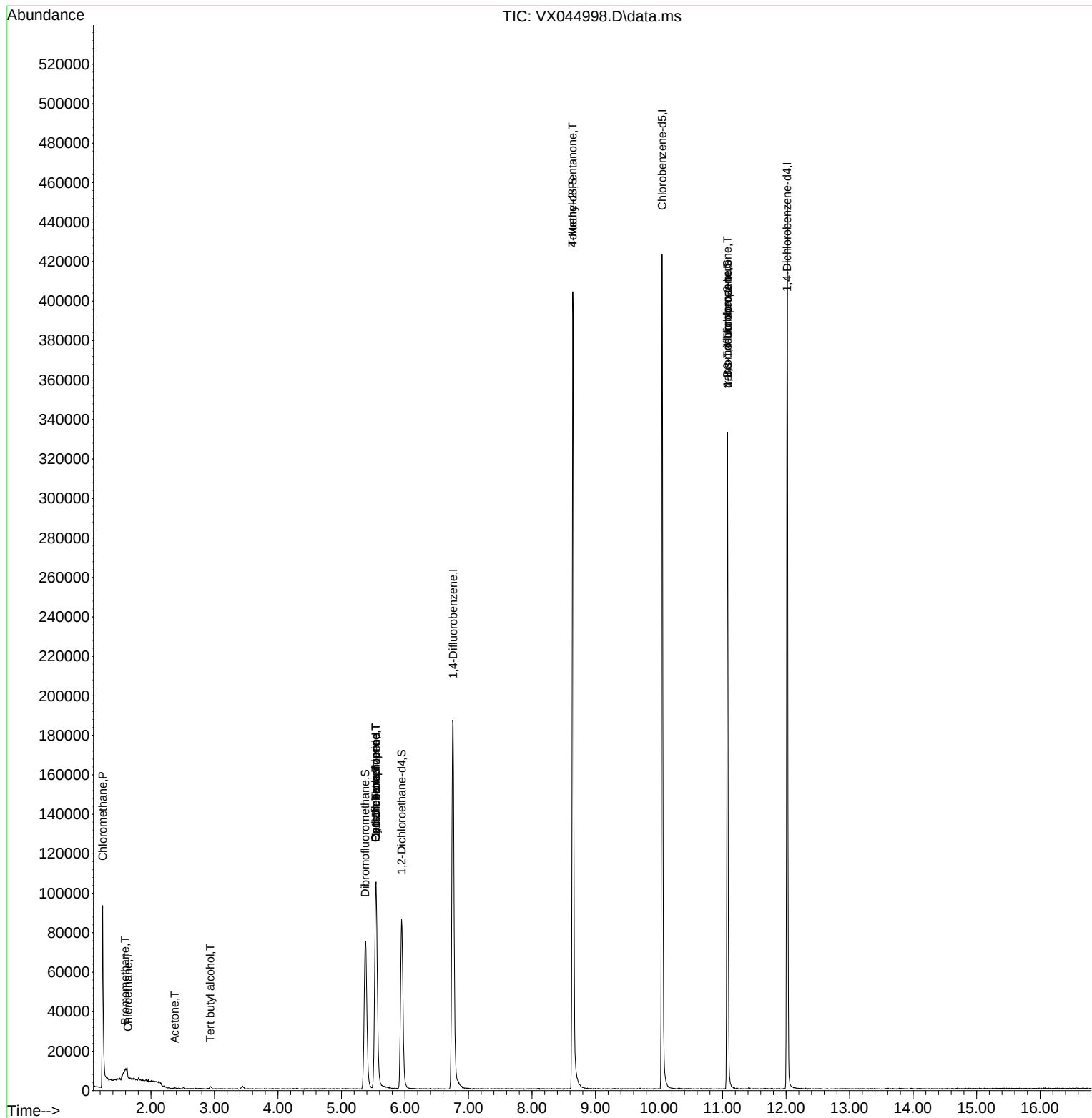
Internal Standards						
1) Pentafluorobenzene	5.537	168	98956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79349	54.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.560%			
35) Dibromofluoromethane	5.373	113	67771	51.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	8.641	98	251891	50.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.920%			
62) 4-Bromofluorobenzene	11.079	95	89636	53.793	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.580%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.239	50	1774	1.050	ug/l #	42
5) Bromomethane	1.593	94	133	0.272	ug/l #	67
6) Chloroethane	1.636	64	1303	2.991	ug/l #	48
11) Tert butyl alcohol	2.934	59	590	2.196	ug/l #	73
16) Acetone	2.373	43	176	0.302	ug/l #	42
31) Cyclohexane	5.537	56	2511	1.116	ug/l #	13
36) 1,1-Dichloropropene	5.544	75	8885	4.711	ug/l #	50
38) Carbon Tetrachloride	5.537	117	10577	5.723	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1320	0.641	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46893	24.753	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46893	63.673	ug/l #	11

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

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Instrument :
MSVOA_X
ClientSampleId :

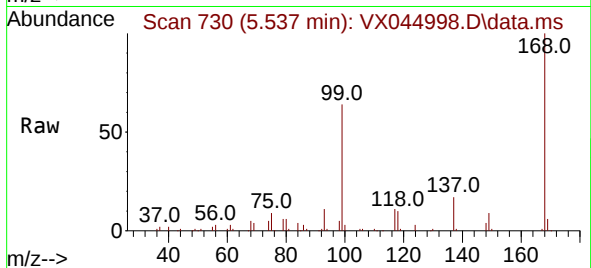
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



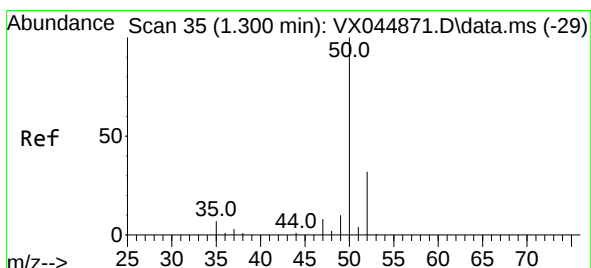
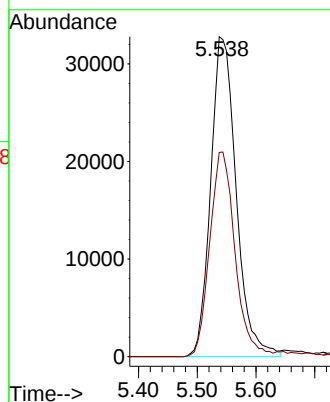
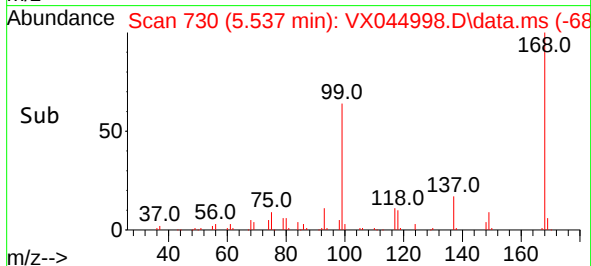


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :

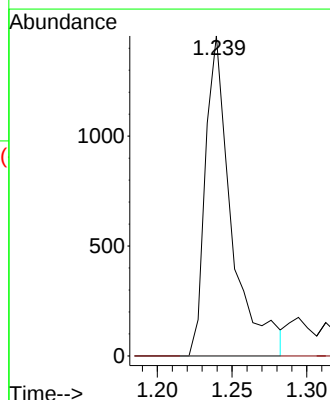
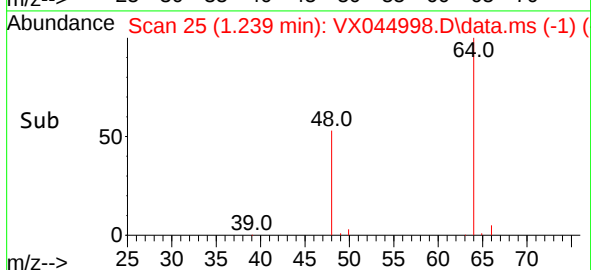
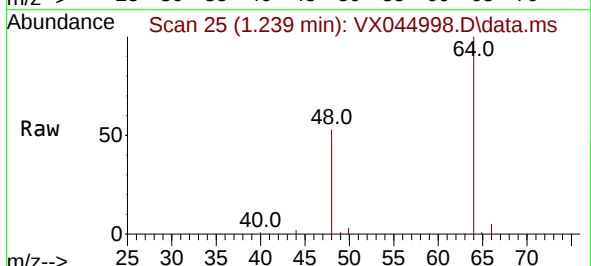


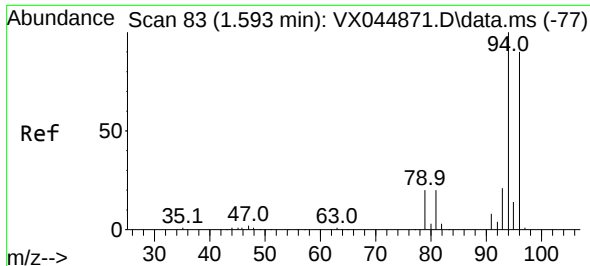
Tgt Ion:168 Resp: 98956
Ion Ratio Lower Upper
168 100
99 63.8 51.2 76.8



#3
Chloromethane
Concen: 1.050 ug/l
RT: 1.239 min Scan# 25
Delta R.T. -0.061 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Tgt Ion: 50 Resp: 1774
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

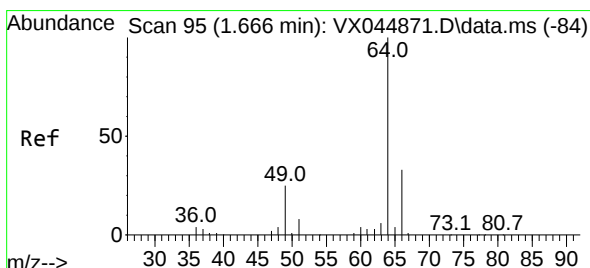
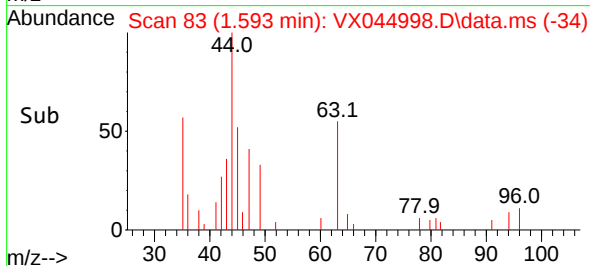
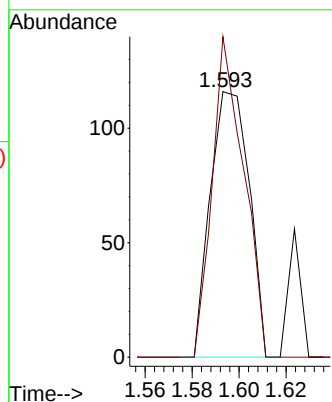
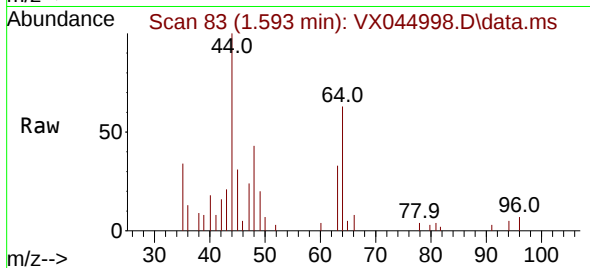




#5
Bromomethane
Concen: 0.272 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

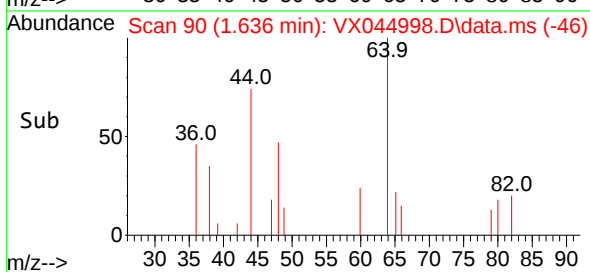
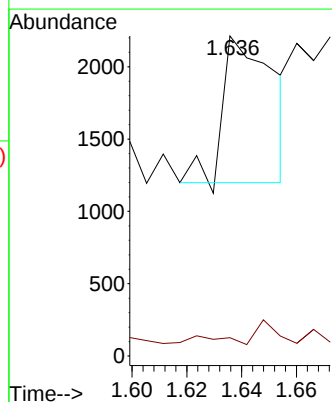
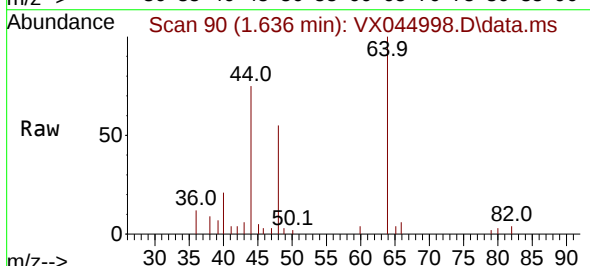
Instrument :
MSVOA_X
ClientSampleId :

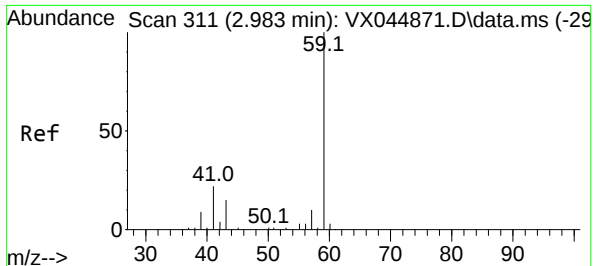
Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 120.7 71.6 107.4#



#6
Chloroethane
Concen: 2.991 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.030 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Tgt Ion: 64 Resp: 1303
Ion Ratio Lower Upper
64 100
66 3.3 25.9 38.9#

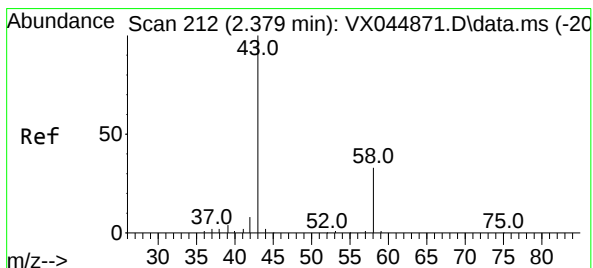
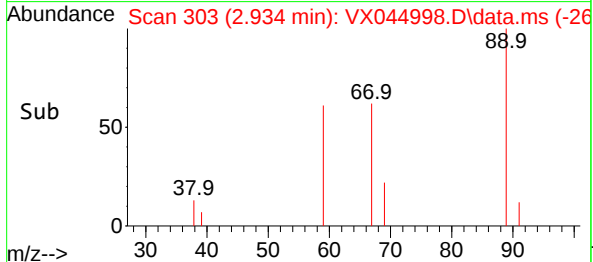
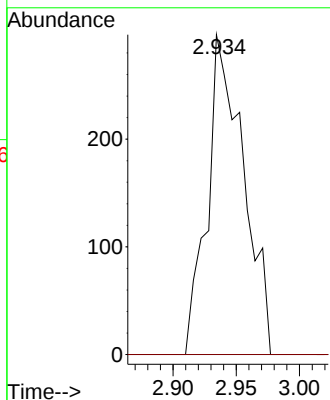
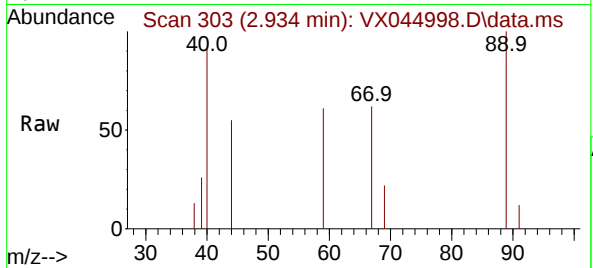




#11
Tert butyl alcohol
Concen: 2.196 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

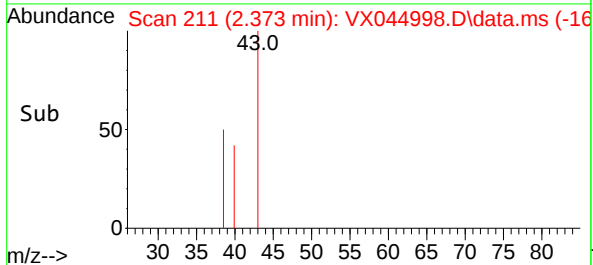
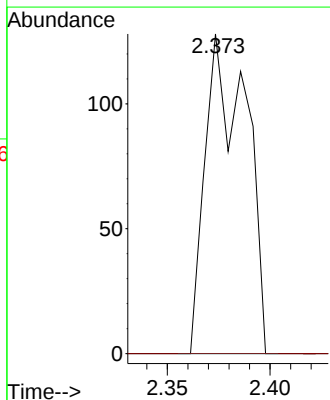
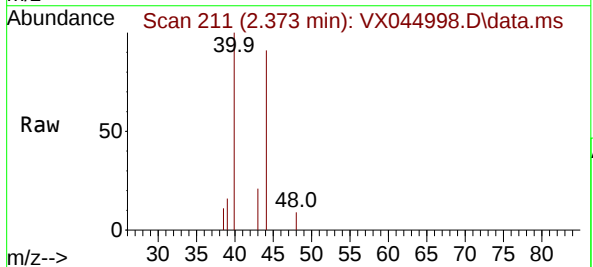
Instrument :
MSVOA_X
ClientSampleId :

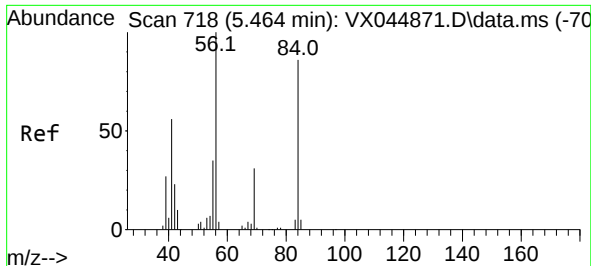
Tgt Ion: 59 Resp: 590
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 0.302 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

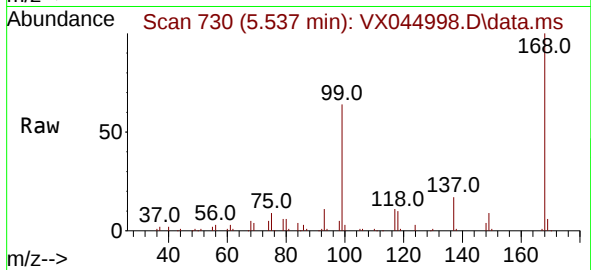
Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#



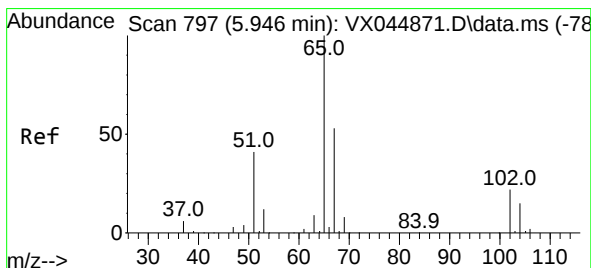
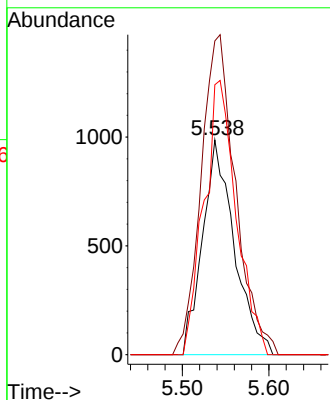
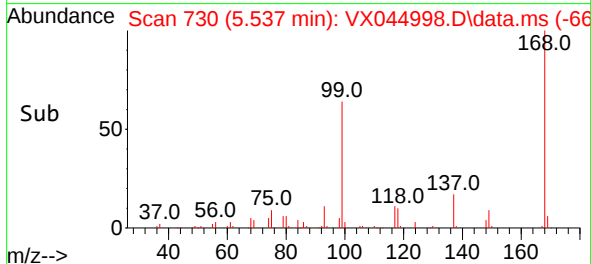


#31
Cyclohexane
Concen: 1.116 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :

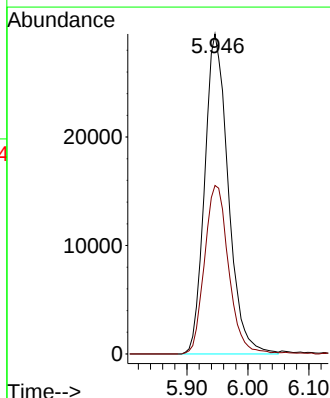
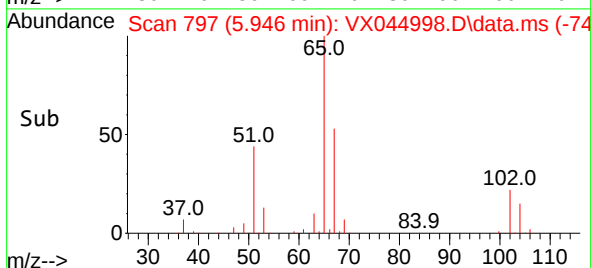
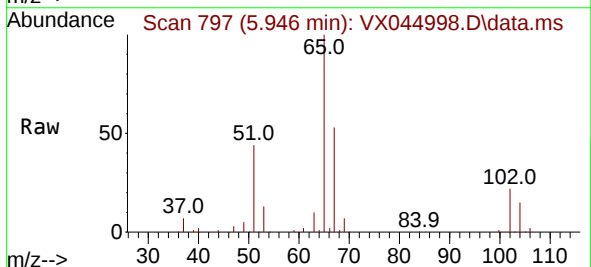


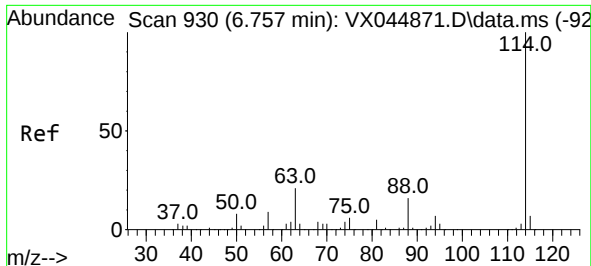
Tgt Ion: 56 Resp: 2511
Ion Ratio Lower Upper
56 100
69 146.1 24.4 36.6#
84 125.7 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 54.779 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Tgt Ion: 65 Resp: 79349
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.2

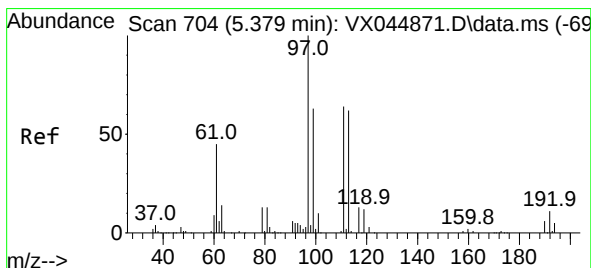
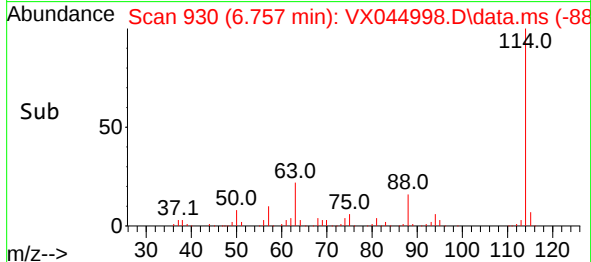
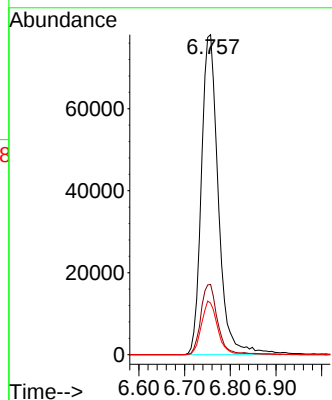
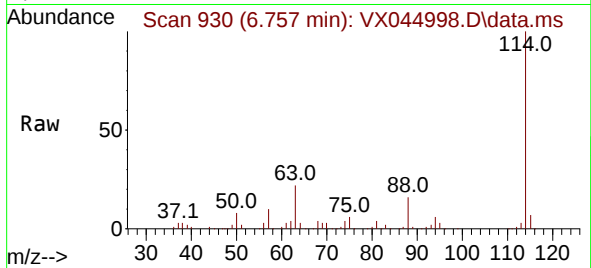




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

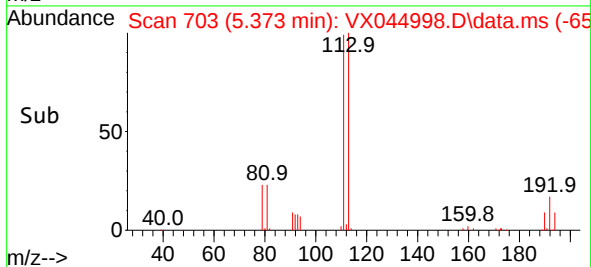
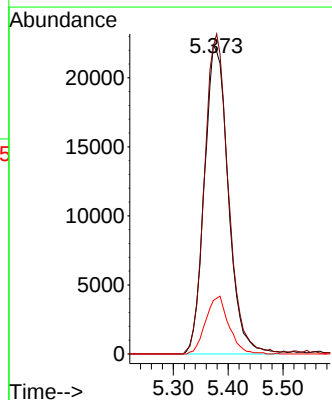
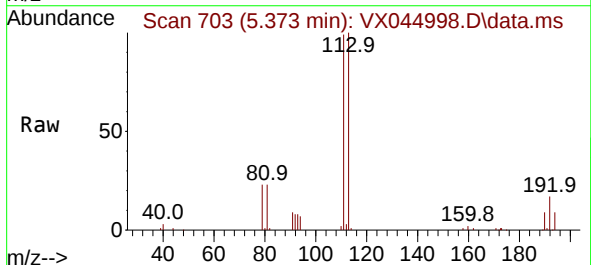
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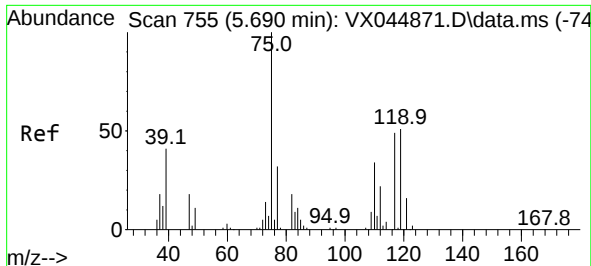
Tgt Ion:114 Resp: 201046
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.847 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

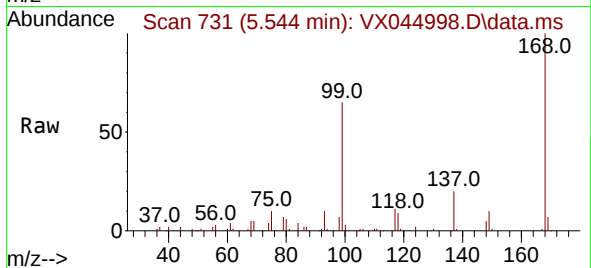
Tgt Ion:113 Resp: 67771
Ion Ratio Lower Upper
113 100
111 103.0 83.5 125.3
192 18.0 14.4 21.6



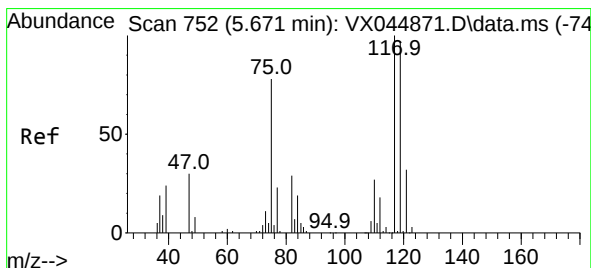
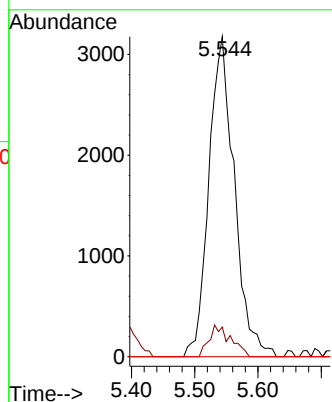
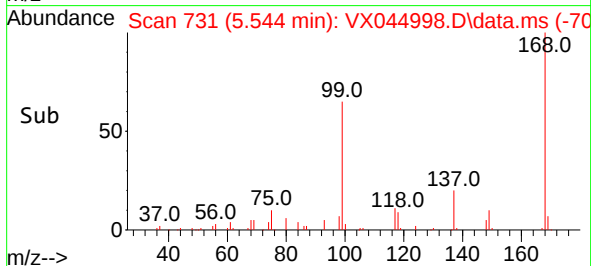


#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

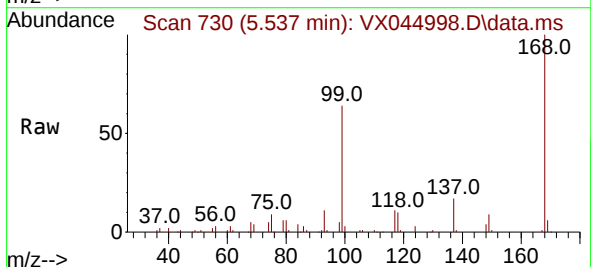
Instrument :
MSVOA_X
ClientSampleId :



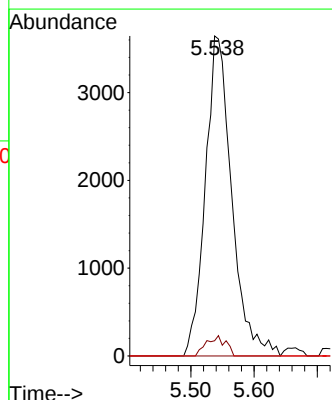
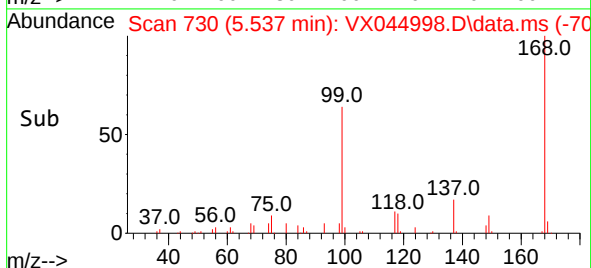
Tgt Ion: 75 Resp: 8885
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.6#
77 0.0 24.6 37.0#

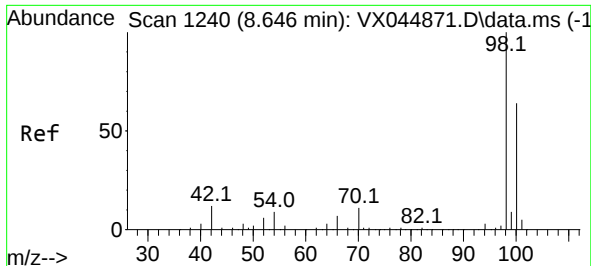


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43



Tgt Ion: 117 Resp: 10577
Ion Ratio Lower Upper
117 100
119 4.8 77.5 116.3#
121 0.0 25.6 38.4#

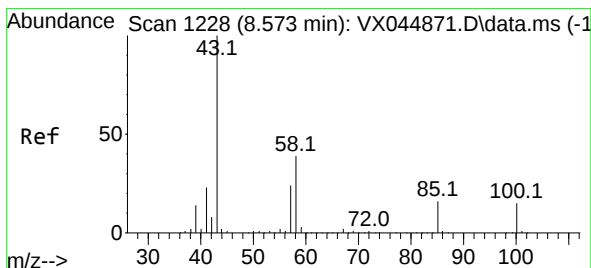
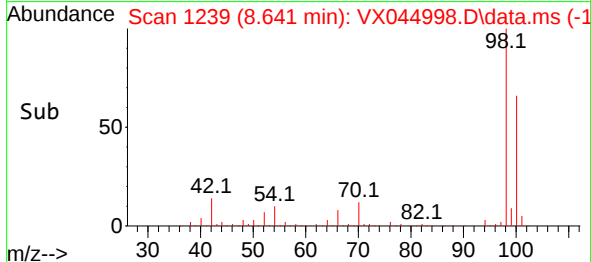
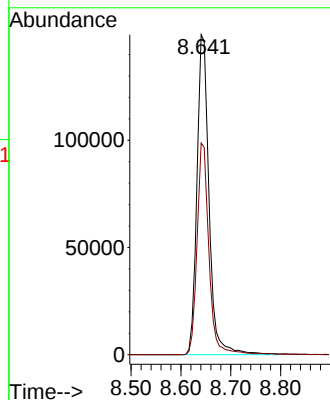
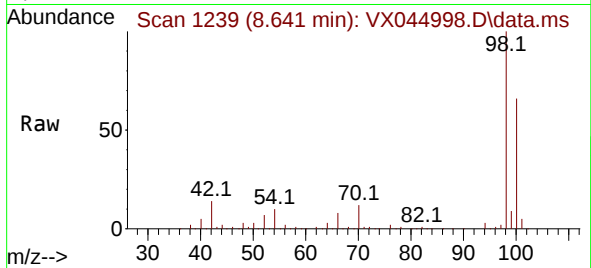




#50
Toluene-d8
Concen: 50.961 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

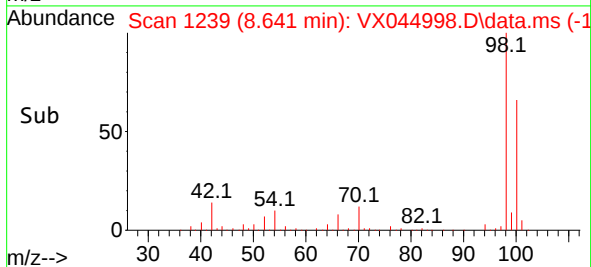
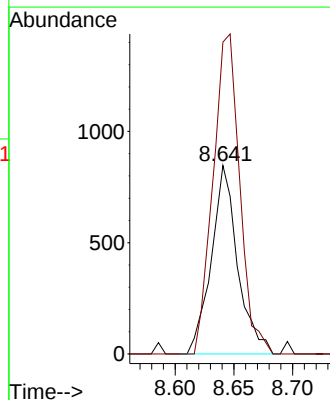
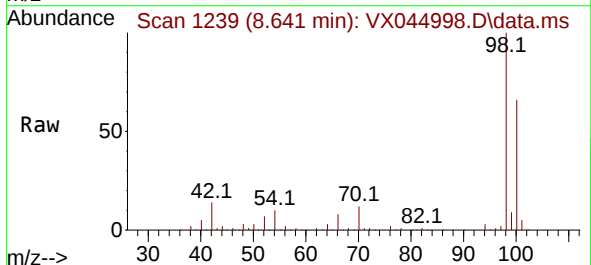
Instrument :
MSVOA_X
ClientSampleId :

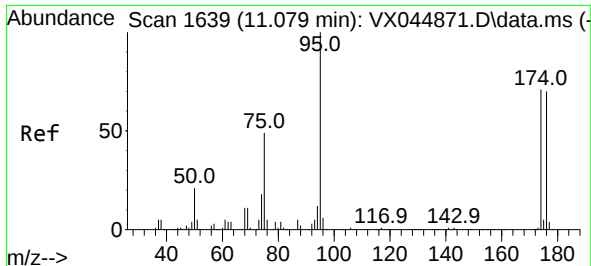
Tgt Ion: 98 Resp: 251891
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
58 172.2 30.8 46.2#

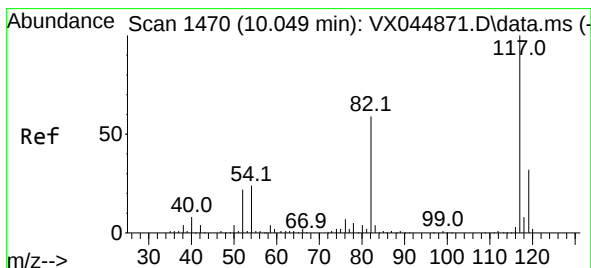
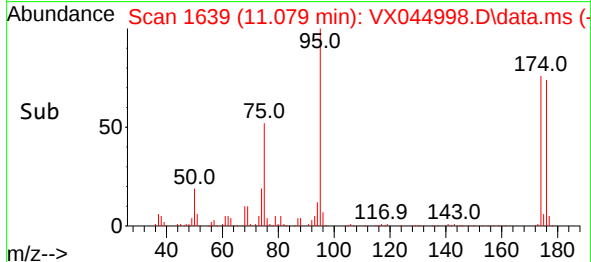
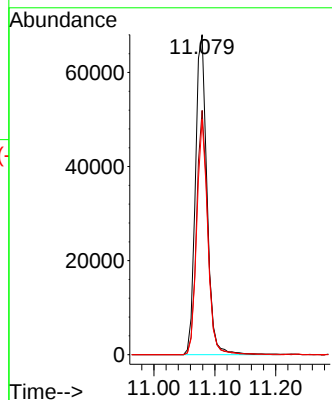
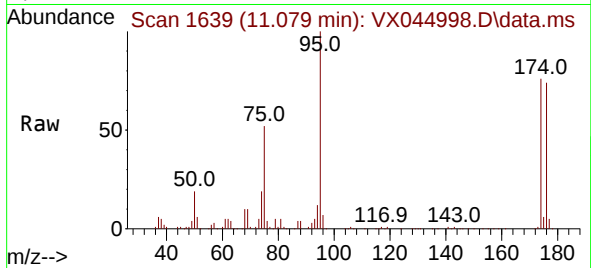




#62
4-Bromofluorobenzene
Concen: 53.793 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

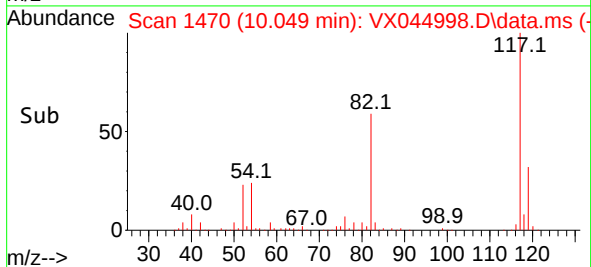
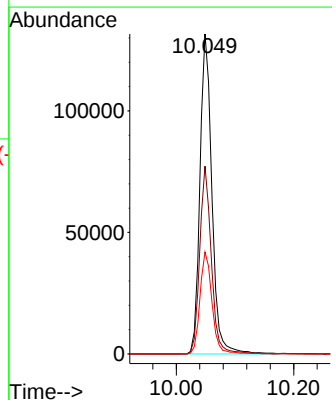
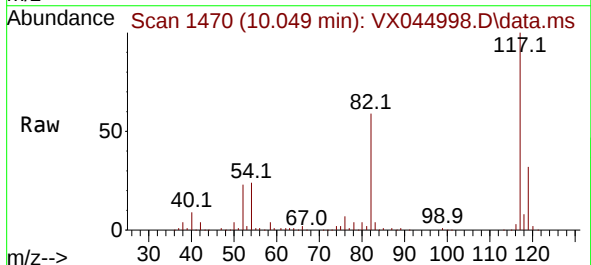
Instrument :
MSVOA_X
ClientSampleId :

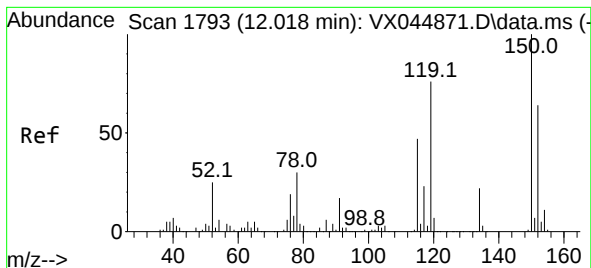
Tgt Ion: 95 Resp: 89636
Ion Ratio Lower Upper
95 100
174 73.6 0.0 142.6
176 69.9 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Tgt Ion: 117 Resp: 186227
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044998.D

Acq: 19 Feb 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

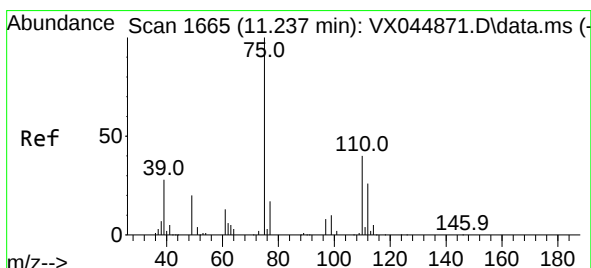
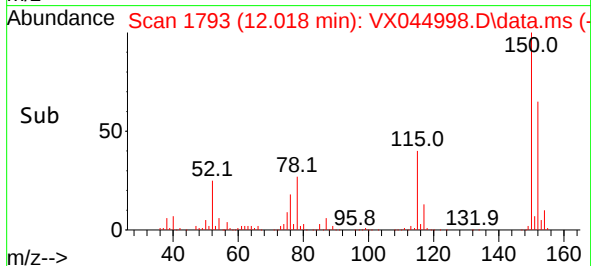
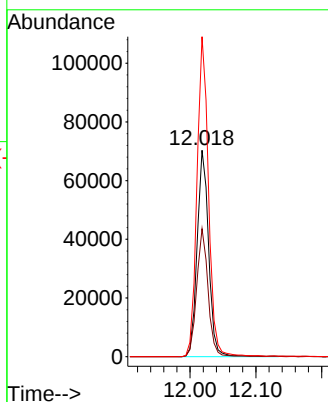
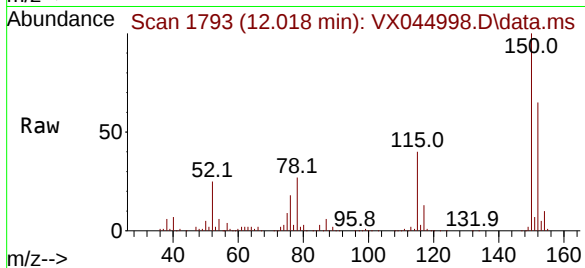
Tgt Ion:152 Resp: 85446

Ion Ratio Lower Upper

152 100

115 61.5 43.4 130.1

150 156.0 0.0 350.4



#76

1,2,3-Trichloropropane

Concen: 24.753 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044998.D

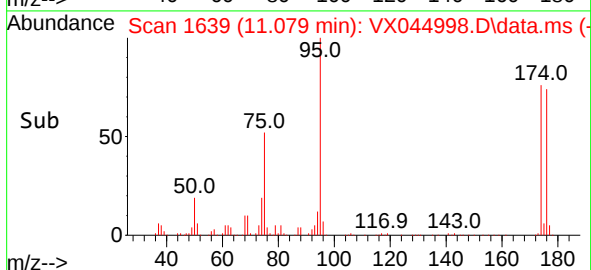
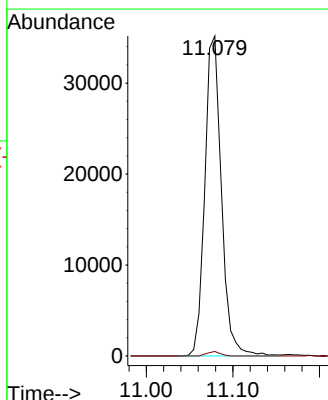
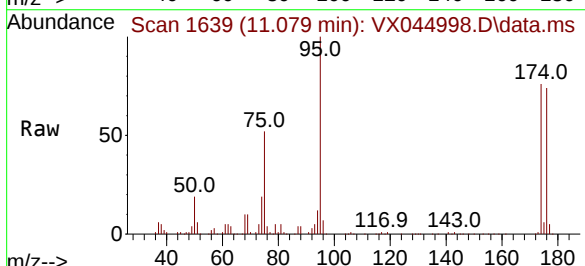
Acq: 19 Feb 2025 11:43

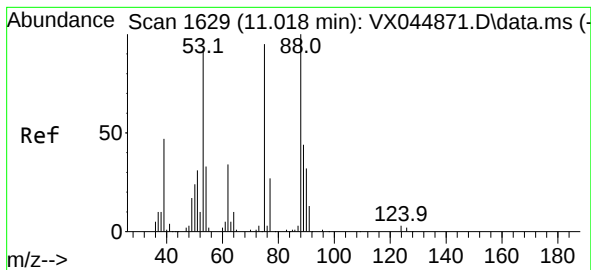
Tgt Ion: 75 Resp: 46893

Ion Ratio Lower Upper

75 100

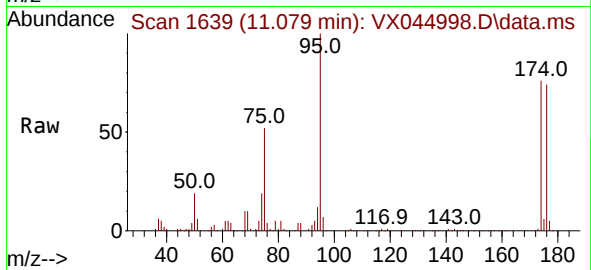
77 1.1 21.9 65.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.673 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 46893
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

