

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031990.D
 Acq On : 08 Oct 2022 03:52
 Operator : JC/MD
 Sample : N4937-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-125

Quant Time: Oct 08 06:36:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

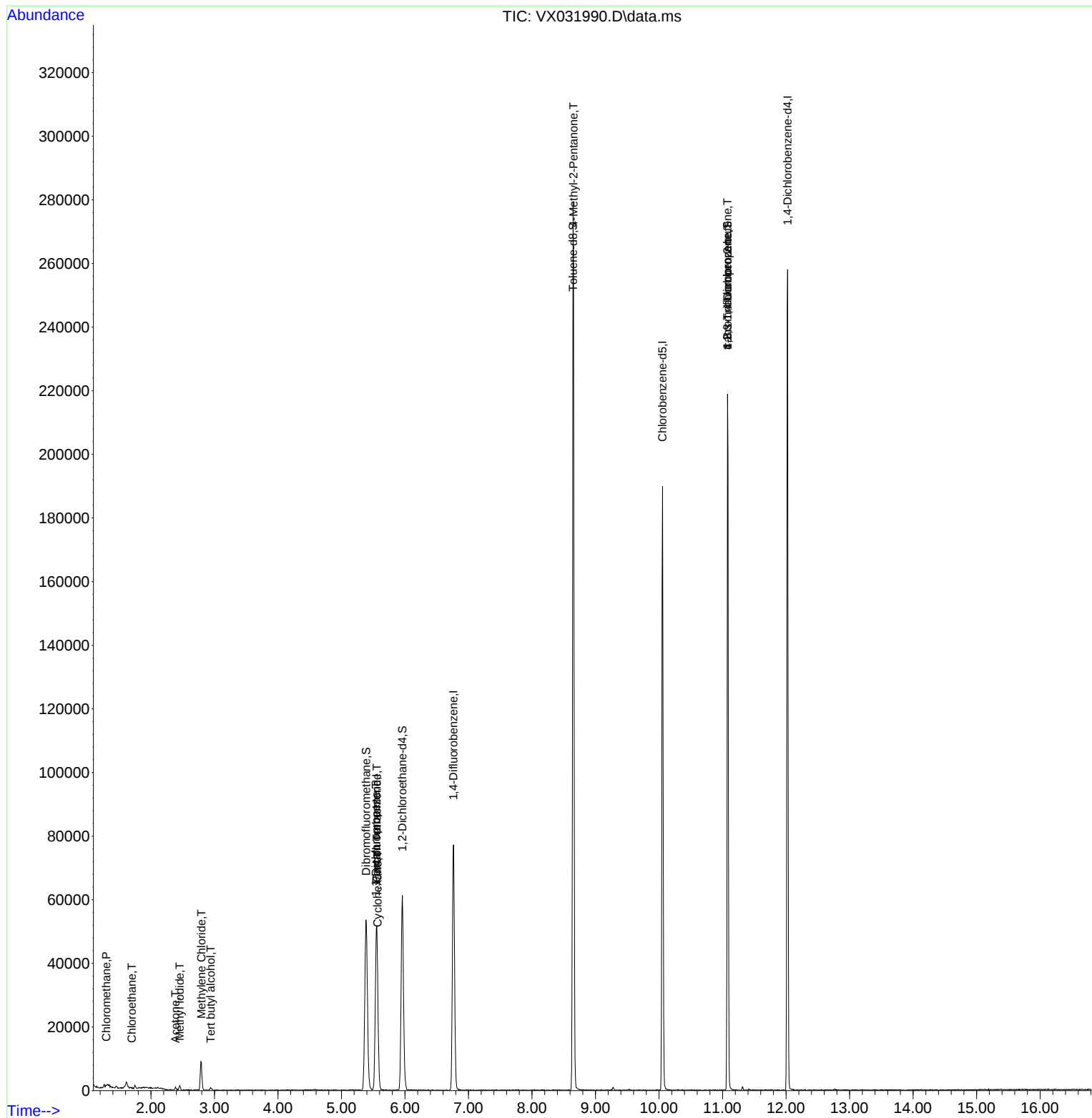
Internal Standards						
1) Pentafluorobenzene	5.550	168	48682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	79958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	85773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55420	55.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.240%	
35) Dibromofluoromethane	5.385	113	45782	50.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.160%	
50) Toluene-d8	8.647	98	161837	49.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	11.079	95	56078	48.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	176	0.232	ug/l #	41
5) Bromomethane	1.611	94	509	Below Cal		100
6) Chloroethane	1.697	64	168	0.223	ug/l #	43
10) Methyl Iodide	2.453	142	1355	4.317	ug/l #	92
11) Tert butyl alcohol	2.941	59	413	3.302	ug/l #	73
16) Acetone	2.386	43	970	2.839	ug/l	93
20) Methylene Chloride	2.794	84	4198	4.675	ug/l #	81
31) Cyclohexane	5.568	56	1181	0.983	ug/l #	65
36) 1,1-Dichloropropene	5.544	75	3805	3.170	ug/l #	51
38) Carbon Tetrachloride	5.556	117	5033	4.101	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	731	0.643	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29308	27.508	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	29308	94.189	ug/l #	11

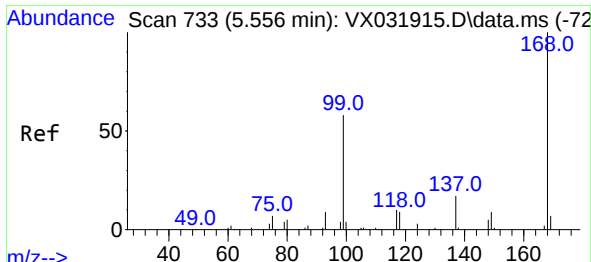
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

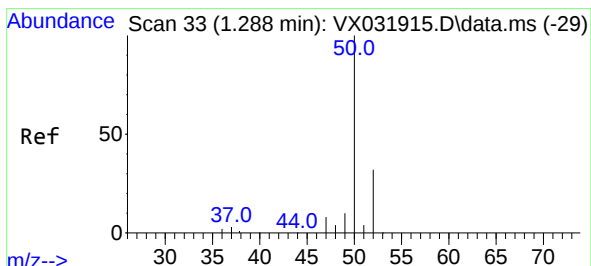
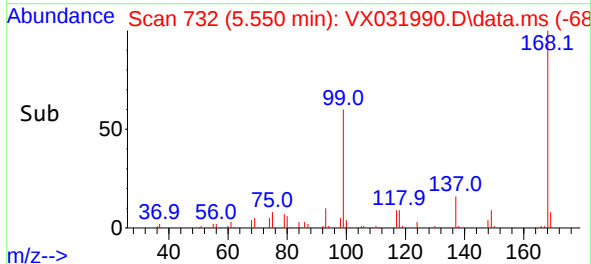
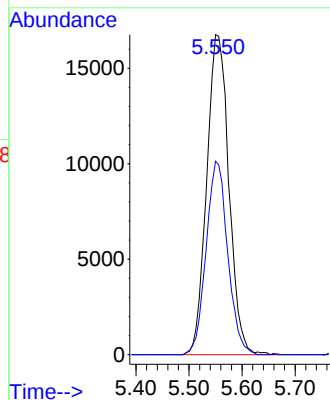
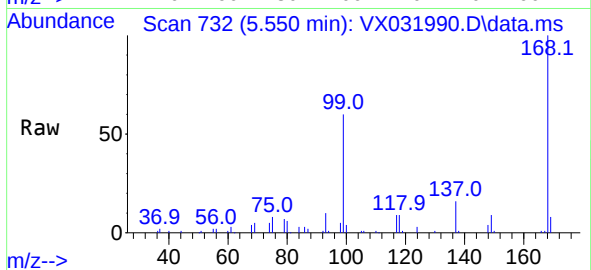




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

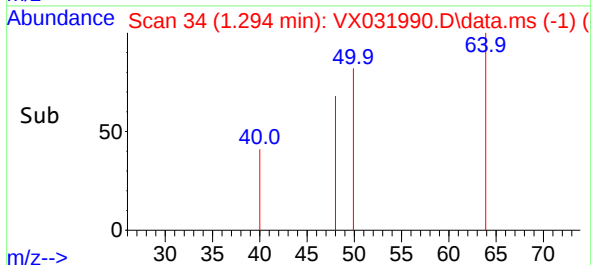
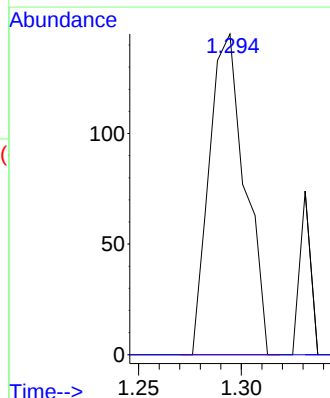
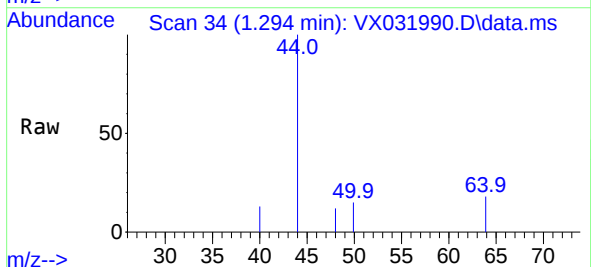
Instrument :
MSVOA_X
ClientSampleId :
MW-125

Tgt Ion:168 Resp: 48682
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2

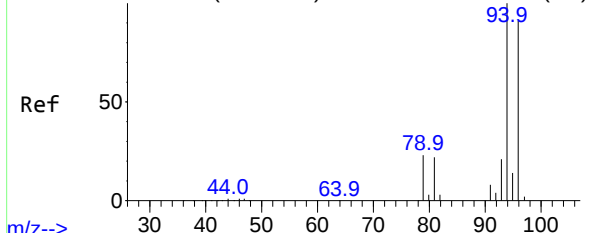


#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

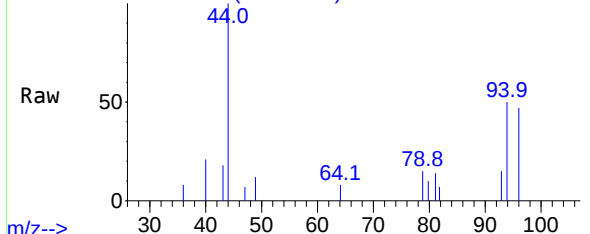
Tgt Ion: 50 Resp: 176
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



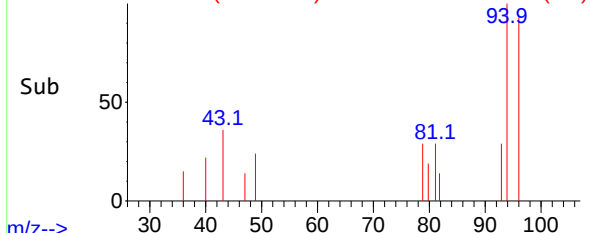
Abundance Scan 86 (1.611 min): VX031915.D\data.ms (-81)



m/z--> Scan 86 (1.611 min): VX031990.D\data.ms

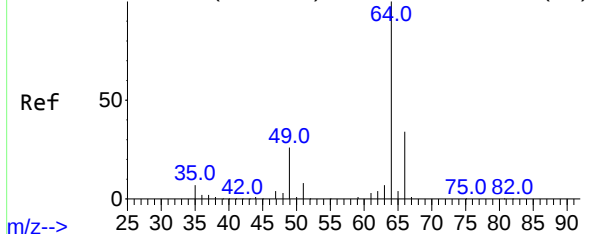


m/z--> Abundance Scan 86 (1.611 min): VX031990.D\data.ms (-37)

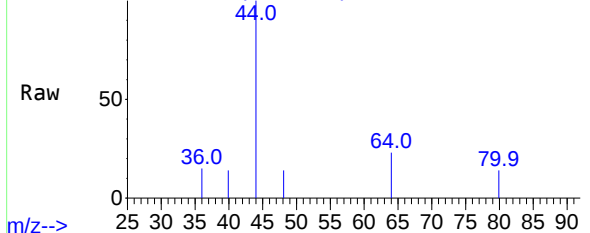


m/z-->

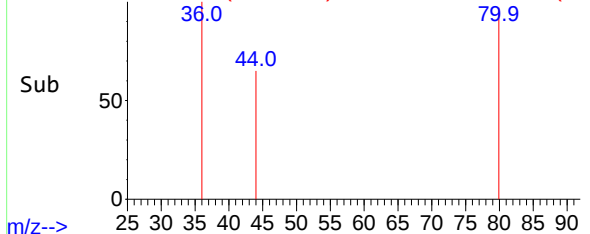
Abundance Scan 98 (1.684 min): VX031915.D\data.ms (-90)



m/z--> Abundance Scan 100 (1.697 min): VX031990.D\data.ms



m/z--> Abundance Scan 100 (1.697 min): VX031990.D\data.ms (-49)

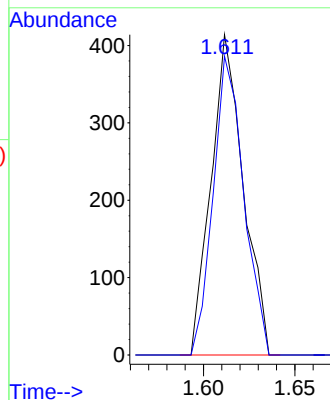


m/z-->

#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

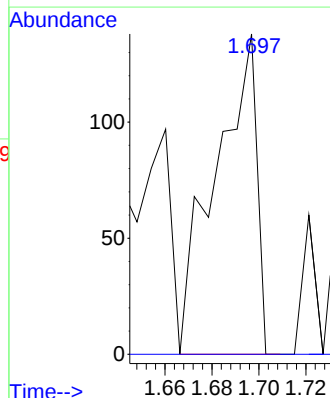
Instrument :
MSVOA_X
ClientSampleId :
MW-125

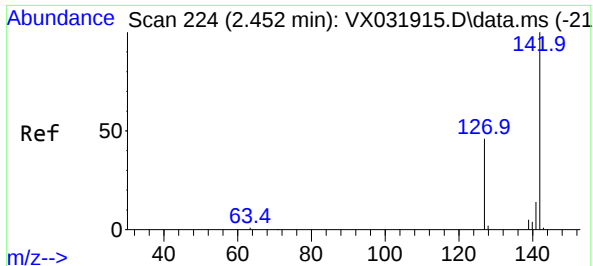
Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 93.2 74.4 111.6



#6
Chloroethane
Concen: 0.223 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.013 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

Tgt Ion: 64 Resp: 168
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

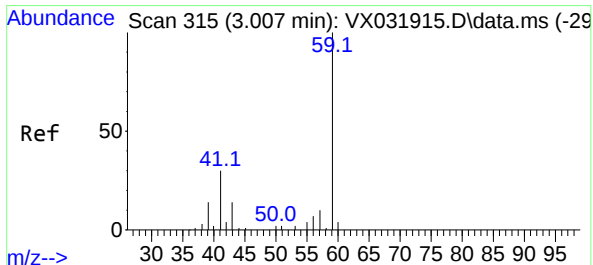
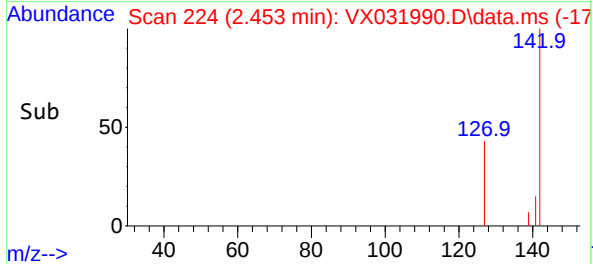
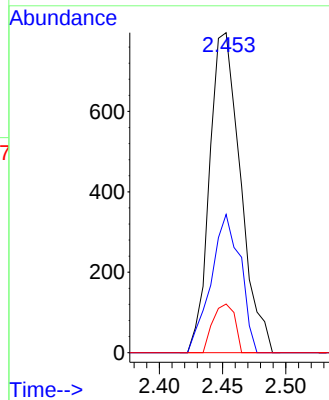
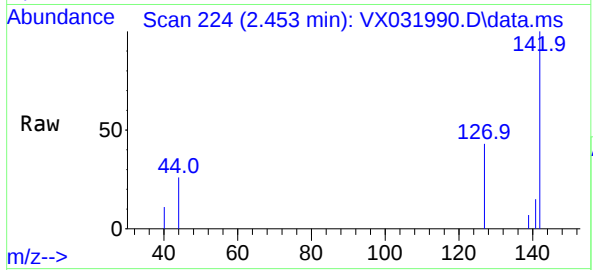




#10
Methyl Iodide
Concen: 4.317 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

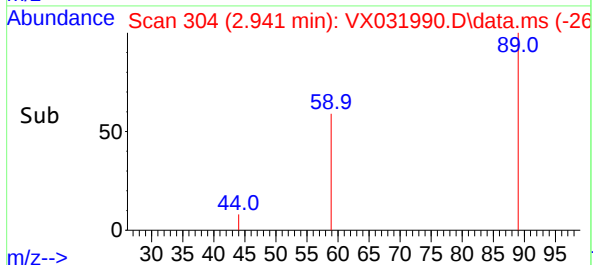
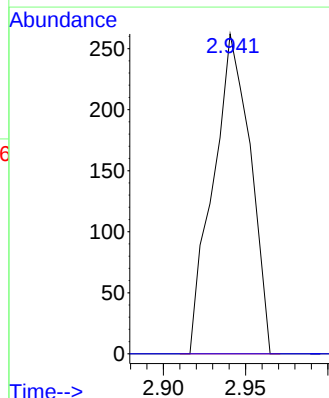
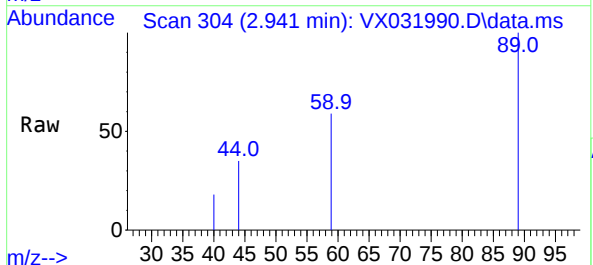
Instrument :
MSVOA_X
ClientSampleId :
MW-125

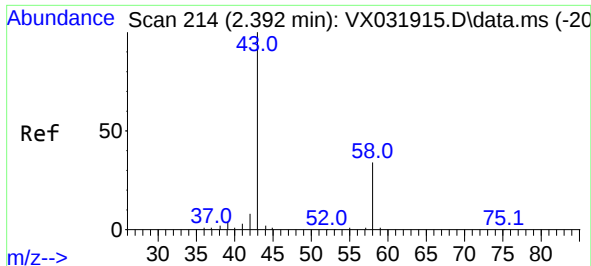
Tgt Ion:142 Resp: 1355
Ion Ratio Lower Upper
142 100
127 41.2 37.4 56.0
141 10.8 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.302 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

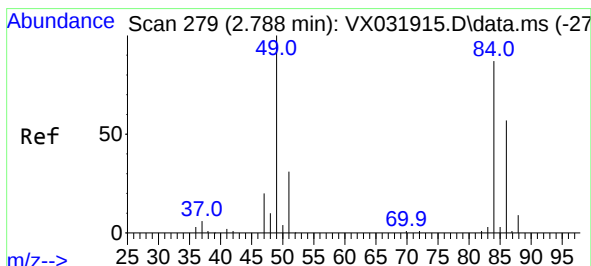
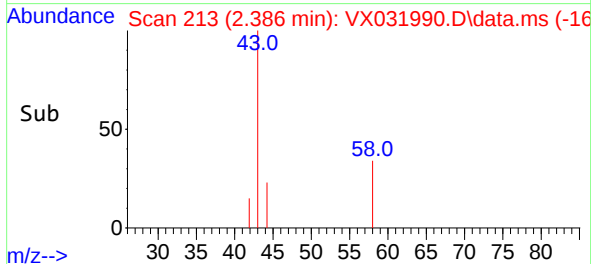
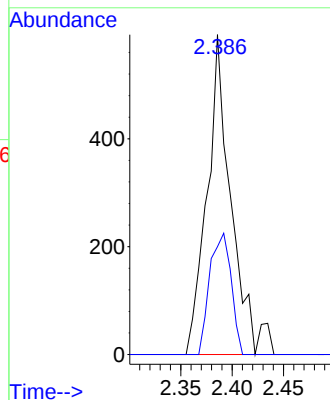
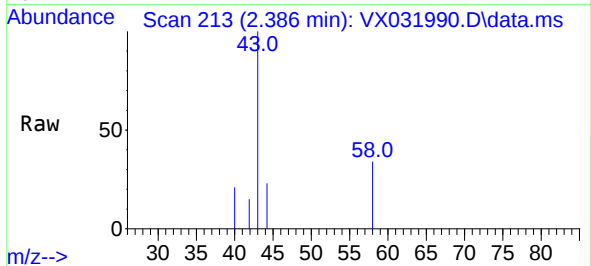




#16
Acetone
Concen: 2.839 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

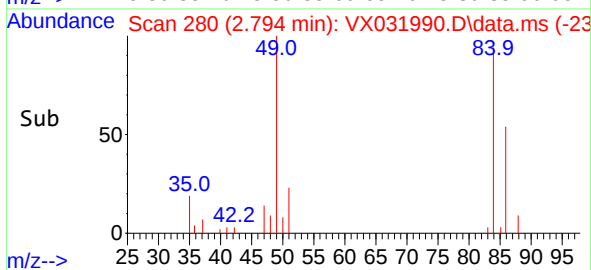
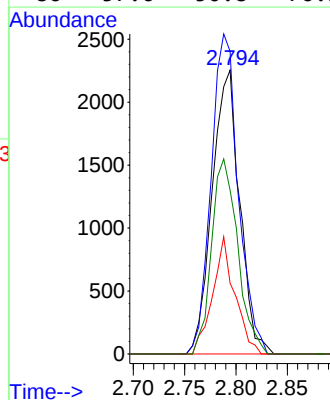
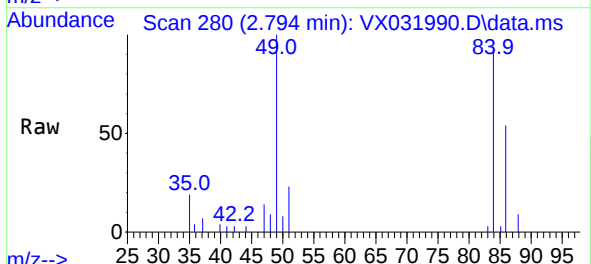
Instrument :
MSVOA_X
ClientSampleId :
MW-125

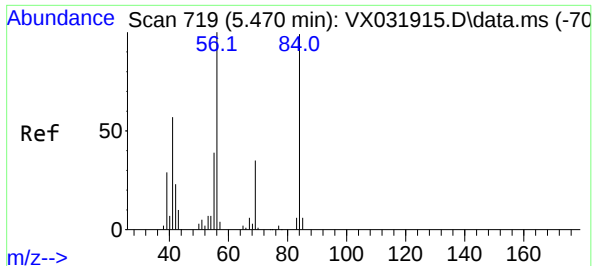
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 33.7 23.8 35.8



#20
Methylene Chloride
Concen: 4.675 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

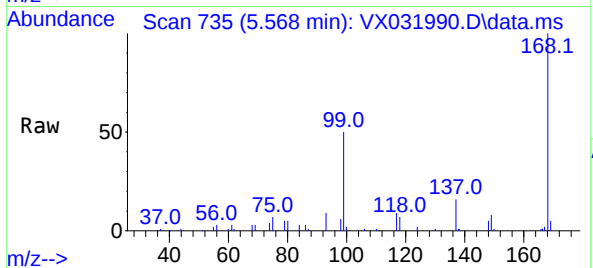
Tgt Ion: 84 Resp: 4198
Ion Ratio Lower Upper
84 100
49 106.5 105.9 158.9
51 24.9 32.2 48.2#
86 57.6 50.8 76.2



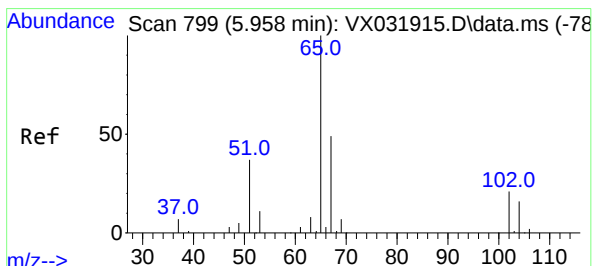
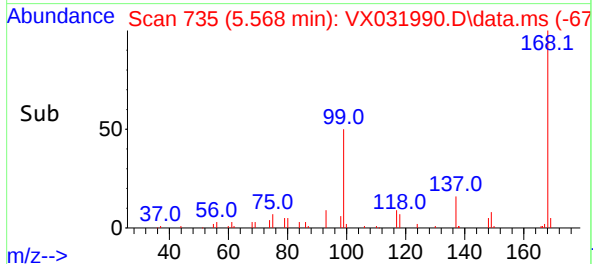
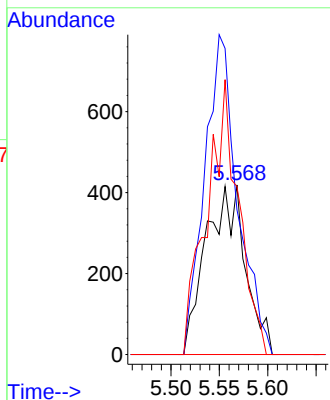


#31
Cyclohexane
Concen: 0.983 ug/l
RT: 5.568 min Scan# 719
Delta R.T. 0.098 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

Instrument :
MSVOA_X
ClientSampleId :
MW-125

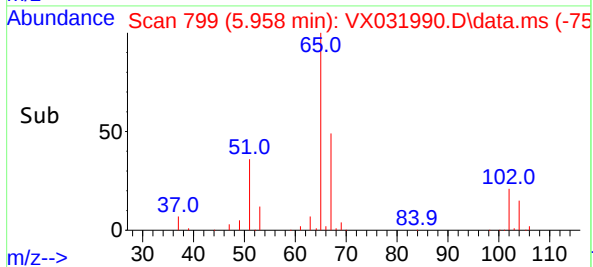
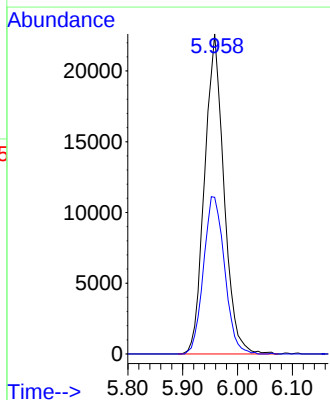
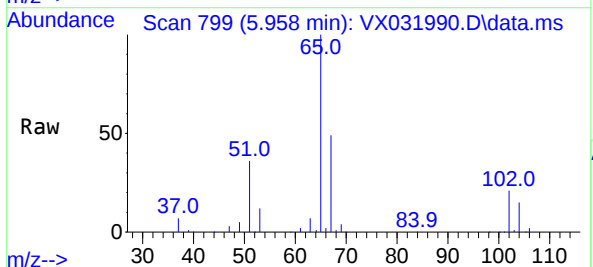


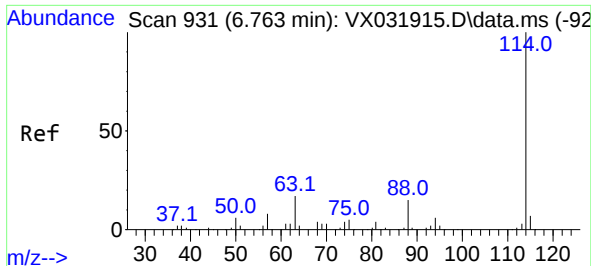
Tgt Ion: 56 Resp: 1181
Ion Ratio Lower Upper
56 100
69 85.4 25.1 37.7#
84 99.0 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 55.123 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

Tgt Ion: 65 Resp: 55420
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.4

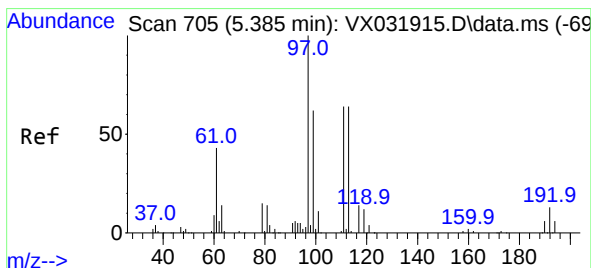
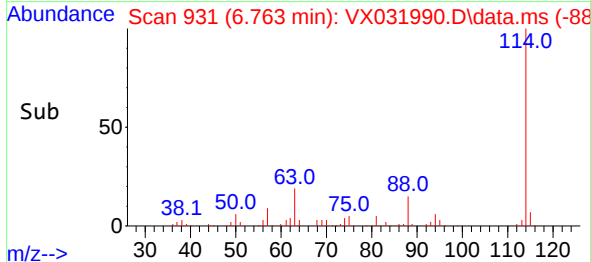
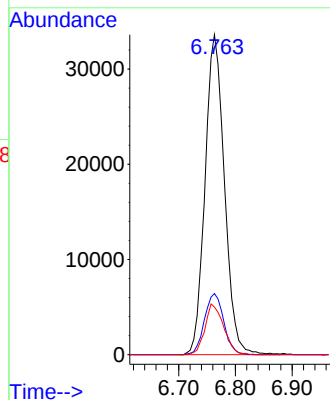
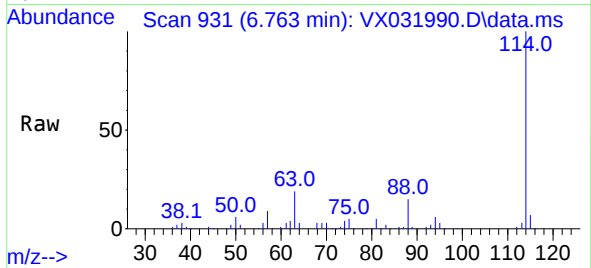




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

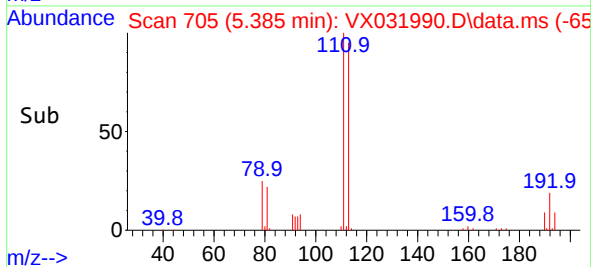
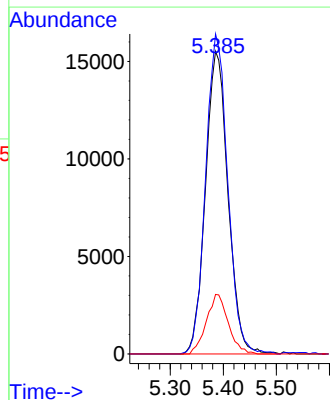
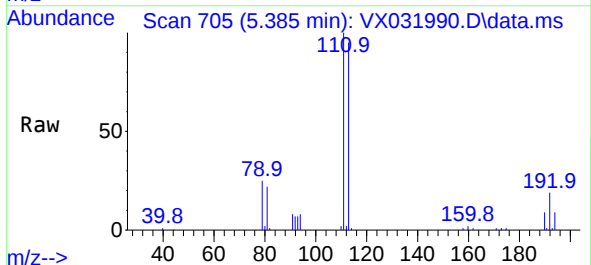
Instrument :
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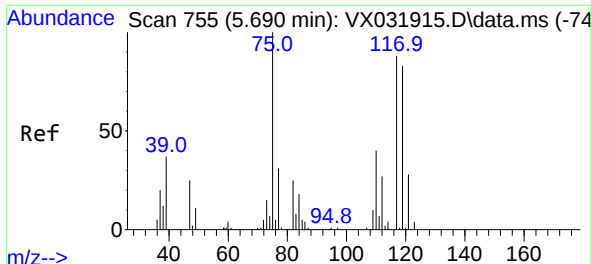
Tgt Ion:	114	Resp:	79958
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.6
88	14.9	0.0	33.0



#35
Dibromofluoromethane
Concen: 50.583 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

Tgt Ion:	113	Resp:	45782
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	19.1	14.1	21.1

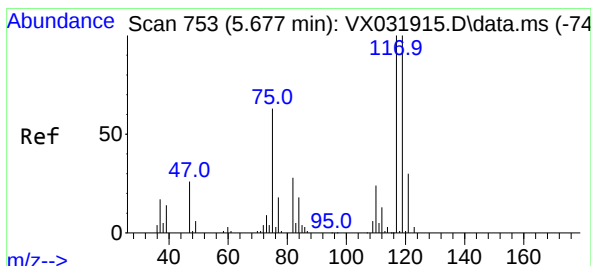
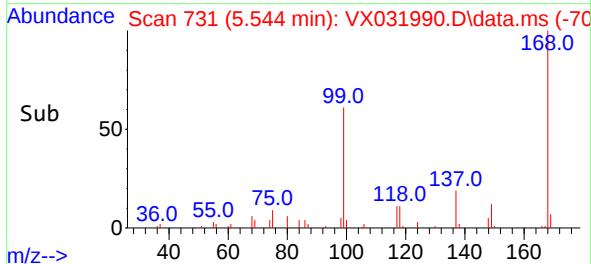
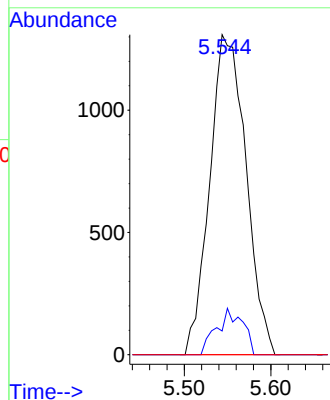
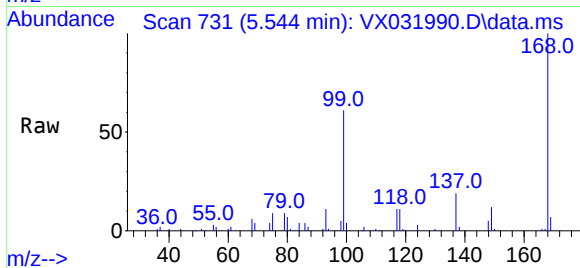




#36
1,1-Dichloropropene
Concen: 3.170 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

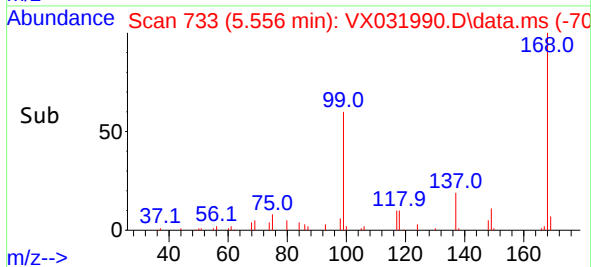
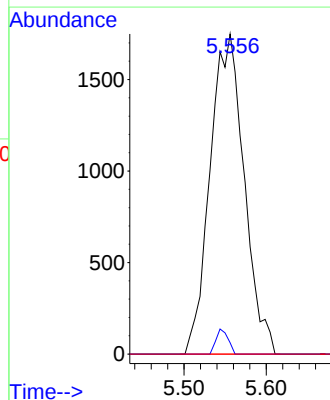
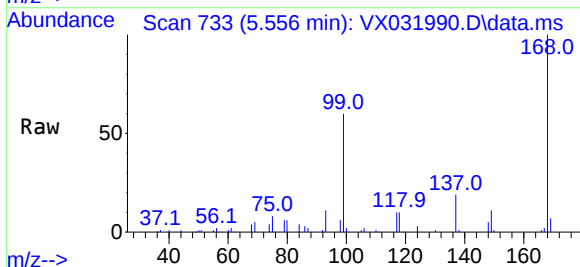
Instrument :
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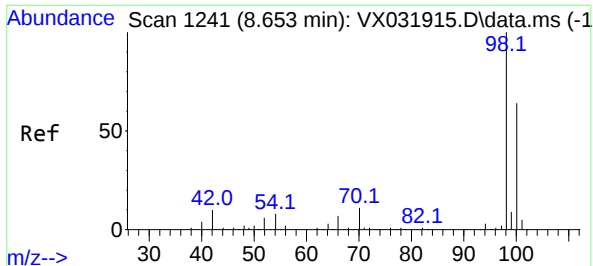
Tgt Ion: 75 Resp: 3805
Ion Ratio Lower Upper
75 100
110 10.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.101 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

Tgt Ion: 117 Resp: 5033
Ion Ratio Lower Upper
117 100
119 3.5 74.6 112.0#
121 0.0 25.3 37.9#

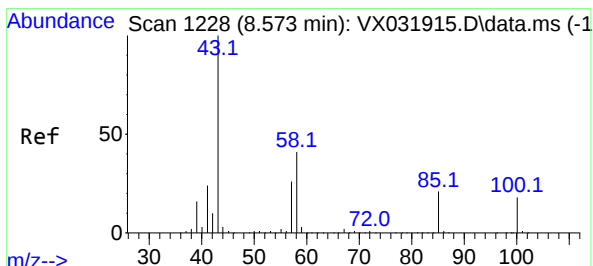
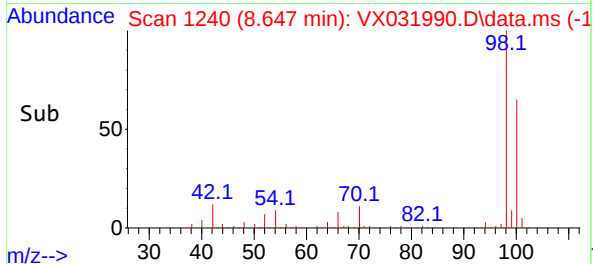
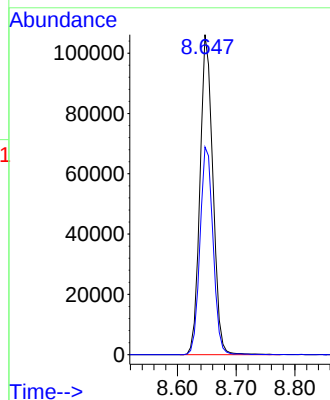
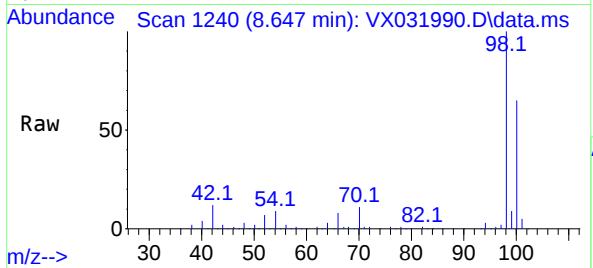




#50
Toluene-d8
Concen: 49.692 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

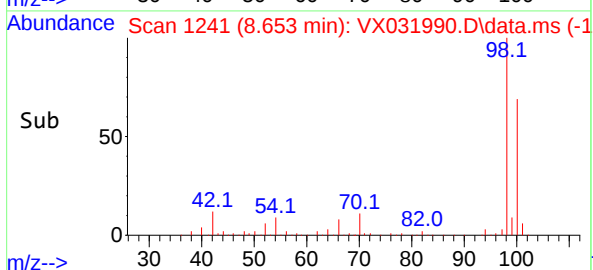
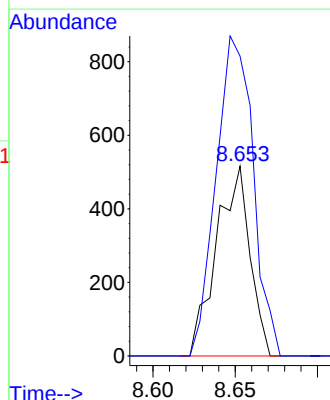
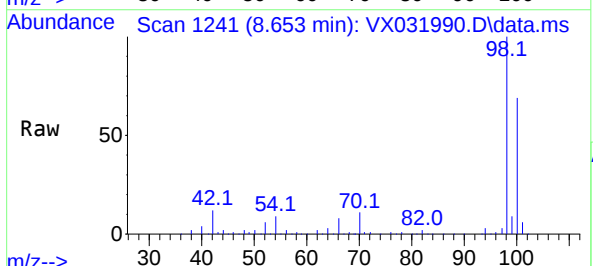
Instrument :
MSVOA_X
ClientSampleId :
MW-125

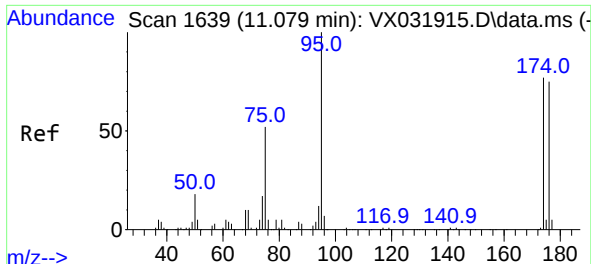
Tgt Ion: 98 Resp: 161837
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.643 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 186.5 30.6 46.0#

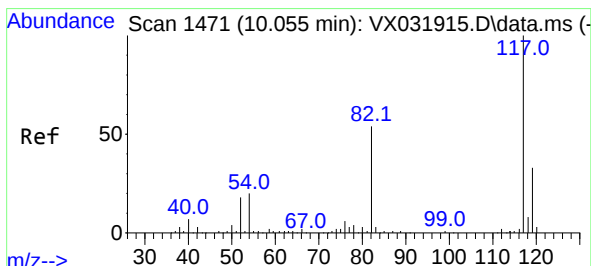
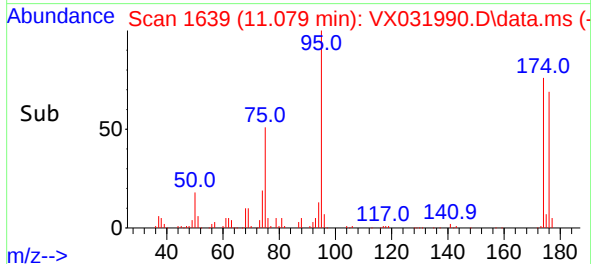
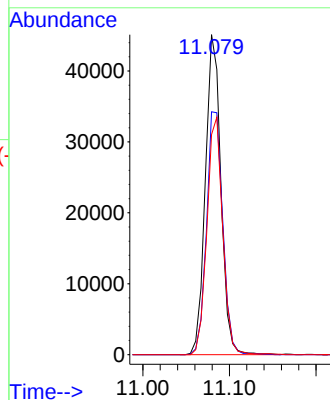
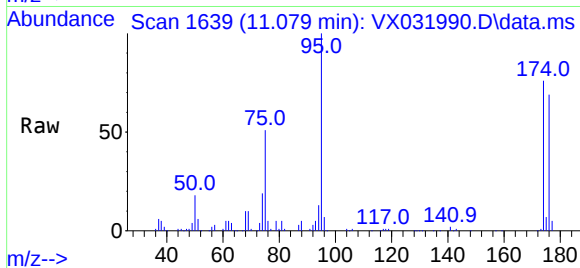




#62
4-Bromofluorobenzene
Concen: 48.706 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

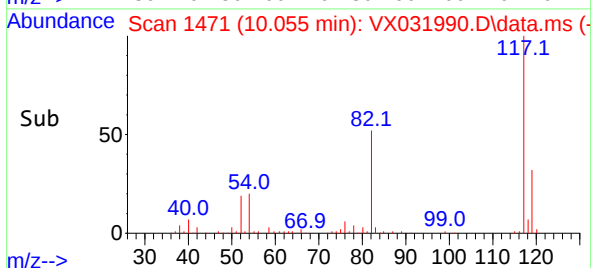
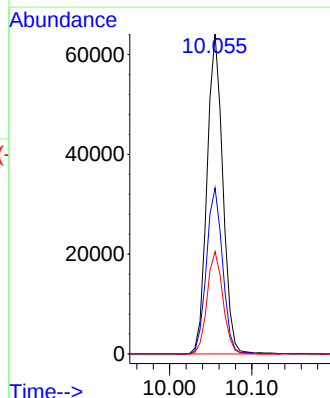
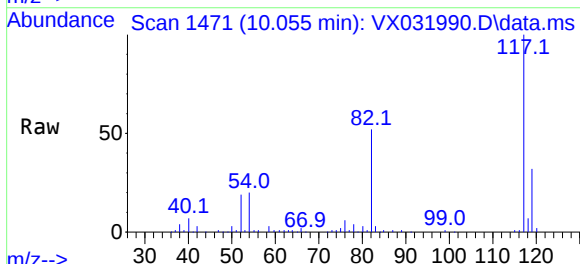
Instrument :
MSVOA_X
ClientSampleId :
MW-125

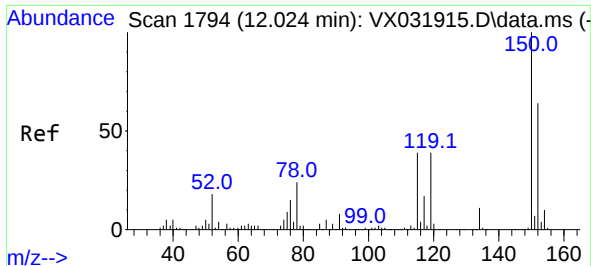
Tgt Ion: 95 Resp: 56078
Ion Ratio Lower Upper
95 100
174 79.7 0.0 153.2
176 75.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

Tgt Ion: 117 Resp: 85773
Ion Ratio Lower Upper
117 100
82 51.9 46.8 70.2
119 32.0 26.4 39.6

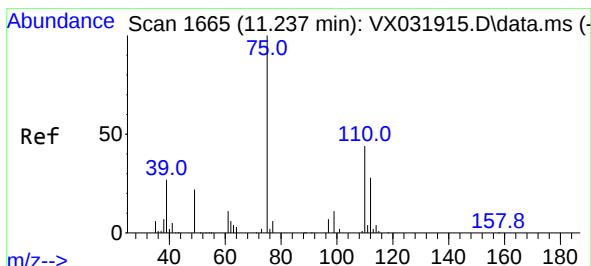
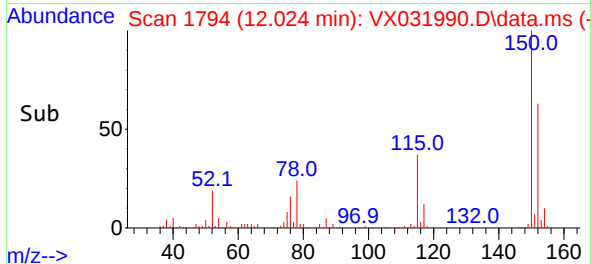
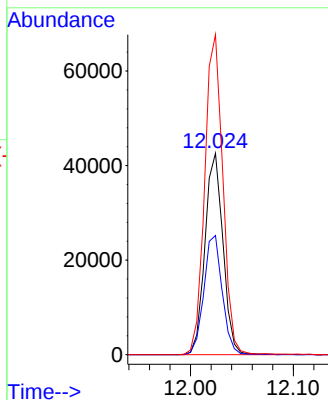
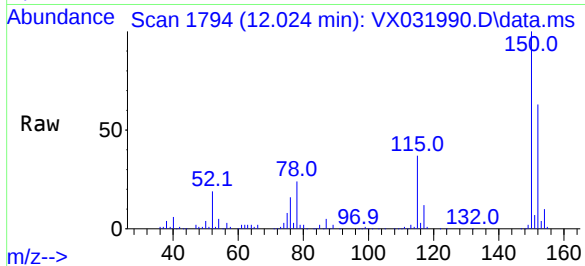




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031990.D
 Acq: 08 Oct 2022 03:52

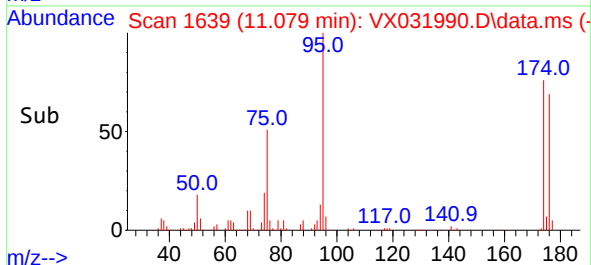
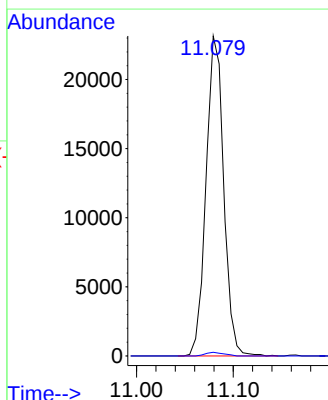
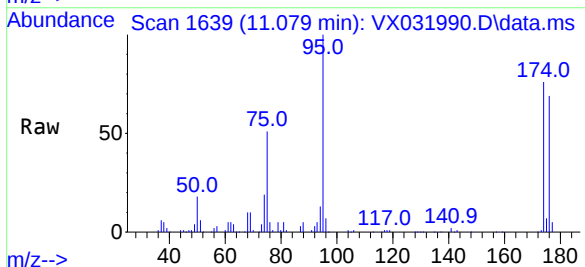
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-125

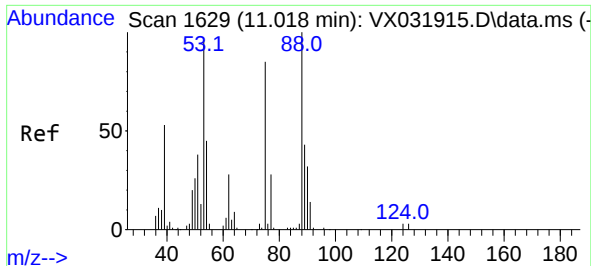
Tgt Ion:152 Resp: 51986
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.4 130.1
 150 159.8 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 27.508 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031990.D
 Acq: 08 Oct 2022 03:52

Tgt Ion: 75 Resp: 29308
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.189 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031990.D
Acq: 08 Oct 2022 03:52

Instrument :
MSVOA_X
ClientSampleId :
MW-125

Tgt Ion: 75 Resp: 29308
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

