

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033461.D
 Acq On : 16 Dec 2022 15:20
 Operator : JC/MD
 Sample : VX1216WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL02

Quant Time: Dec 17 08:09:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

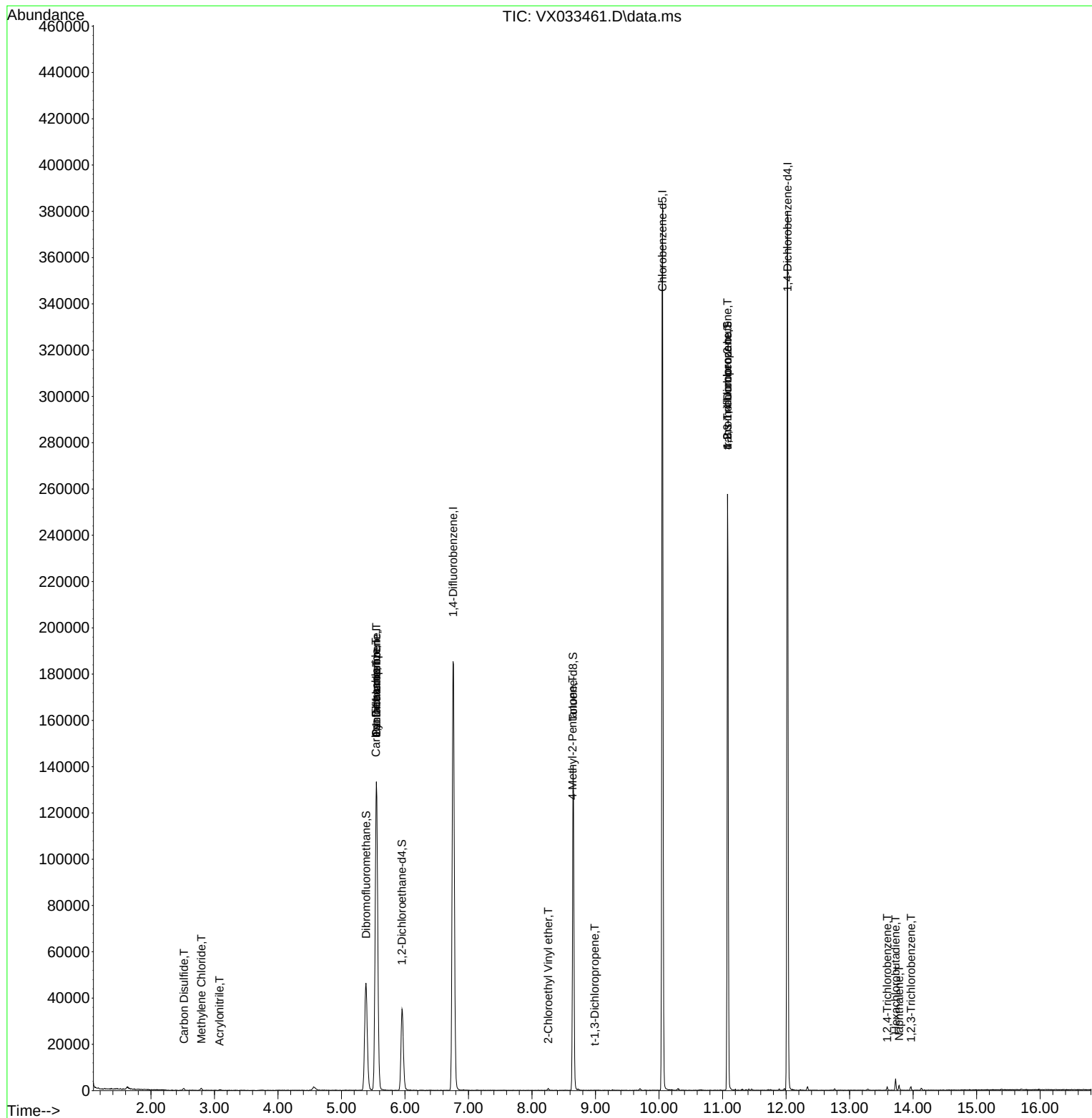
Internal Standards						
1) Pentafluorobenzene	5.550	168	130199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	35919	43.003	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.000%		
35) Dibromofluoromethane	5.385	113	41077	46.062	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.120%		
50) Toluene-d8	8.647	98	84875	45.496	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.000%#		
62) 4-Bromofluorobenzene	11.079	95	65386	45.839	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.680%		
Target Compounds					Qvalue	
15) Acrylonitrile	3.081	53	151	0.239	ug/l #	68
17) Carbon Disulfide	2.520	76	1058	0.349	ug/l #	74
20) Methylene Chloride	2.794	84	487	0.353	ug/l #	76
31) Cyclohexane	5.550	56	2373	1.195	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9485	5.455	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13029	6.688	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	392	0.234	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	48	2.528	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.257	63	423	0.477	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	33302	19.955	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33302	62.074	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	459	0.280	ug/l	96
94) Hexachlorobutadiene	13.725	225	677	1.030	ug/l	91
95) Naphthalene	13.780	128	1623	0.296	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	502	0.302	ug/l	92

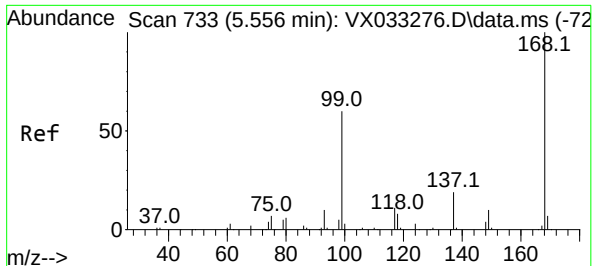
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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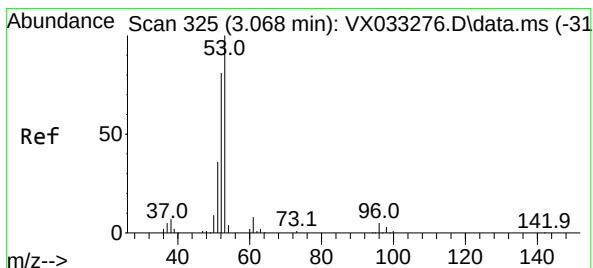
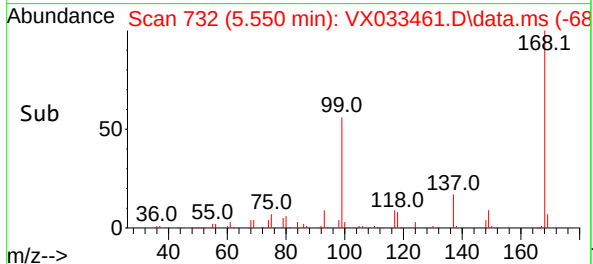
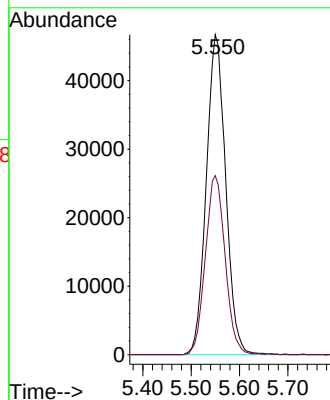
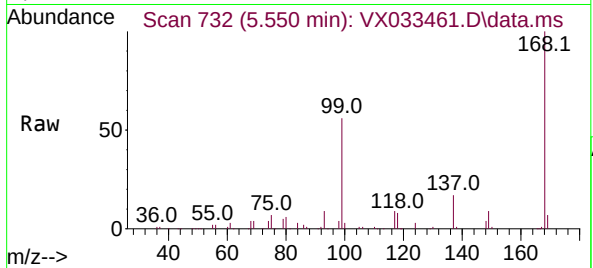




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

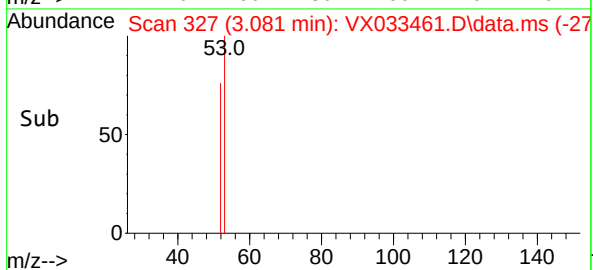
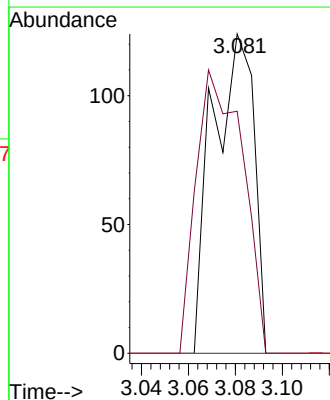
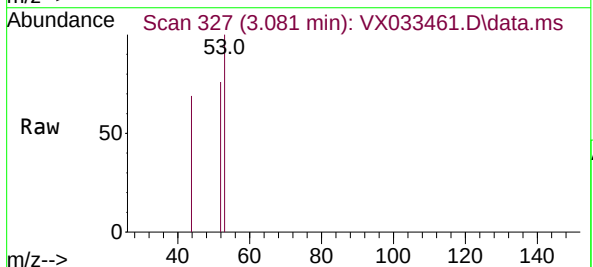
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL02

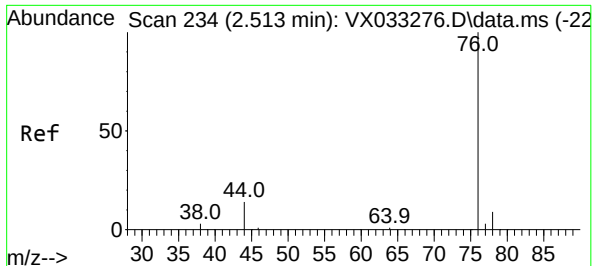
Tgt Ion:168 Resp: 130199
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1



#15
Acrylonitrile
Concen: 0.239 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.013 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

Tgt Ion: 53 Resp: 151
Ion Ratio Lower Upper
53 100
52 100.0 67.4 101.0
51 0.0 30.3 45.5#

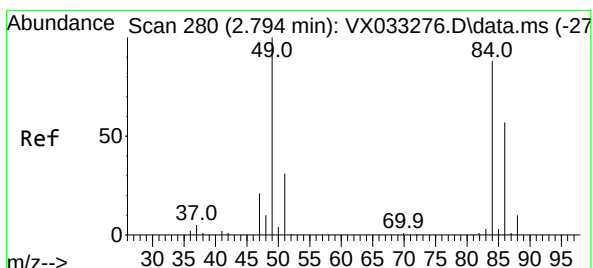
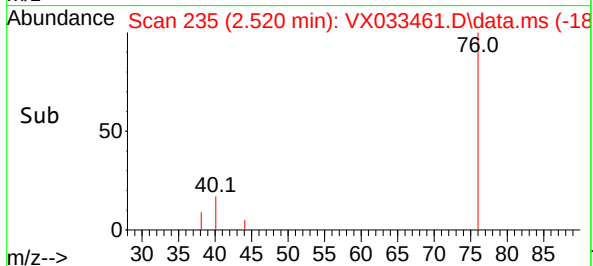
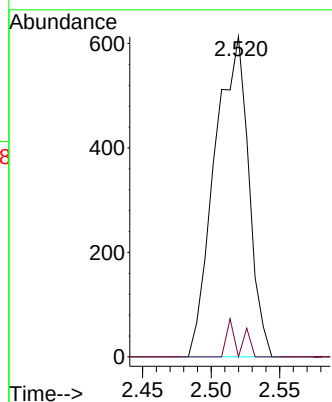
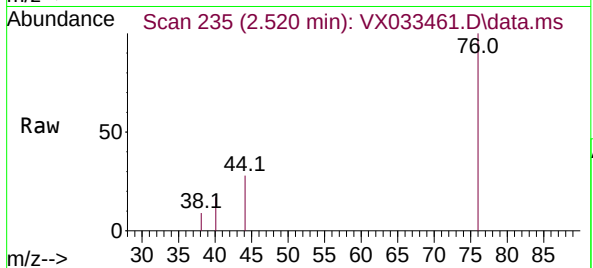




#17
Carbon Disulfide
Concen: 0.349 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

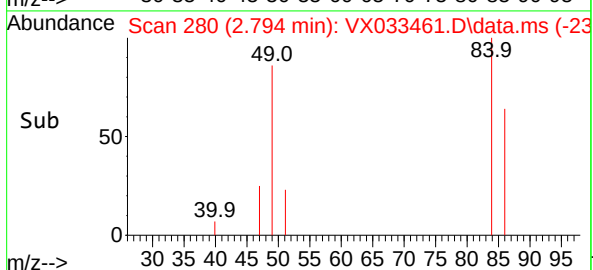
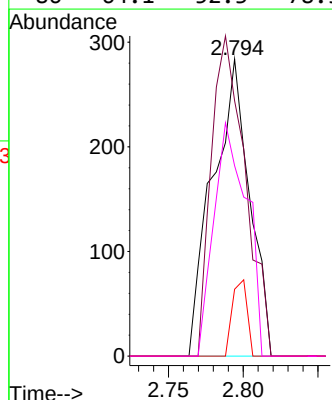
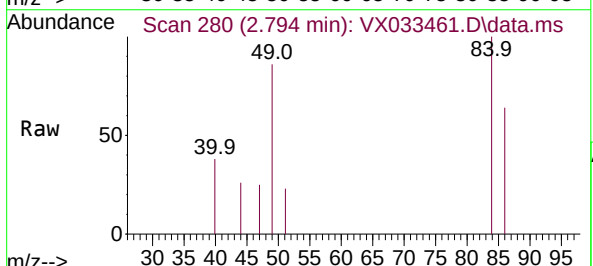
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL02

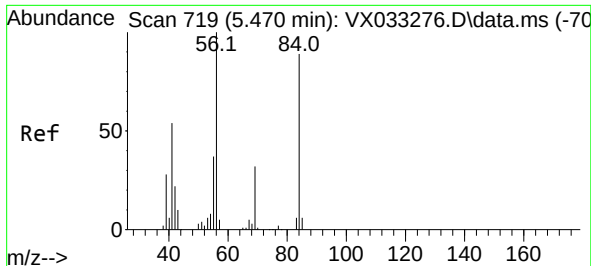
Tgt Ion: 76 Resp: 1058
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

Tgt Ion: 84 Resp: 487
Ion Ratio Lower Upper
84 100
49 85.9 101.0 151.6#
51 22.5 31.1 46.7#
86 64.1 52.3 78.5

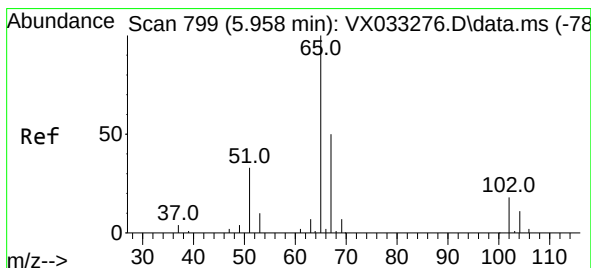
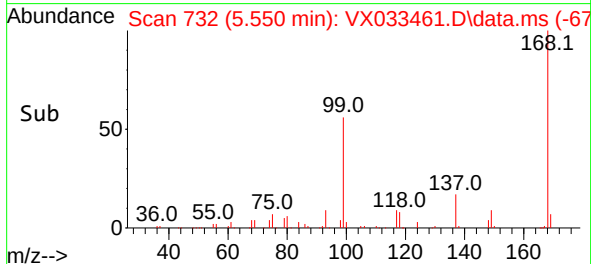
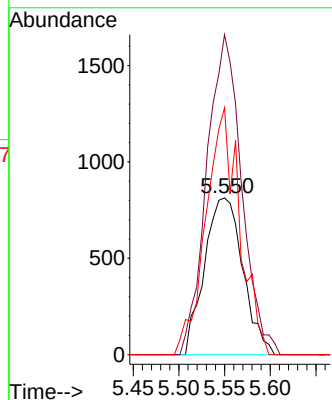
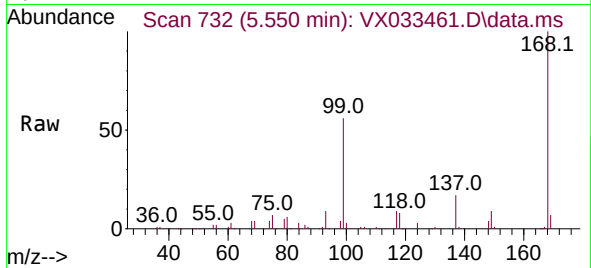




#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

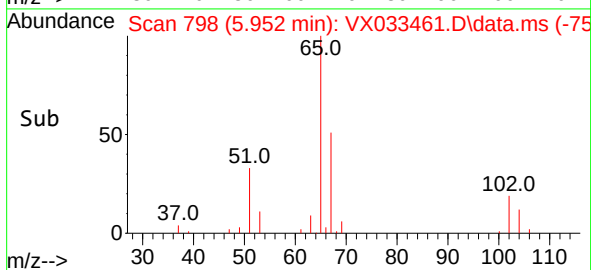
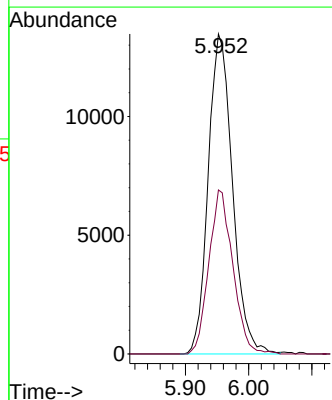
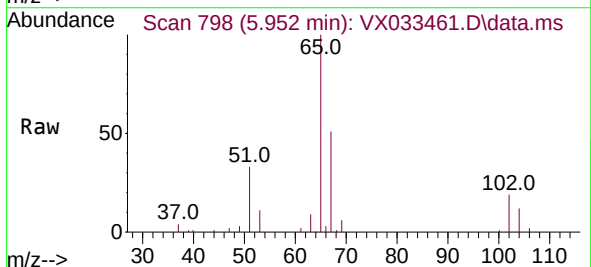
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL02

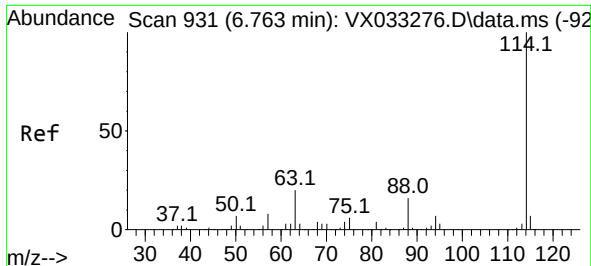
Tgt Ion: 56 Resp: 2373
Ion Ratio Lower Upper
56 100
69 204.2 24.1 36.1#
84 157.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 43.003 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

Tgt Ion: 65 Resp: 35919
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

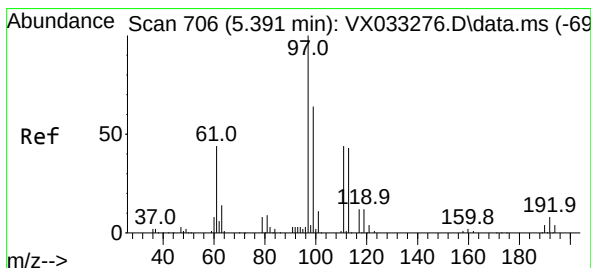
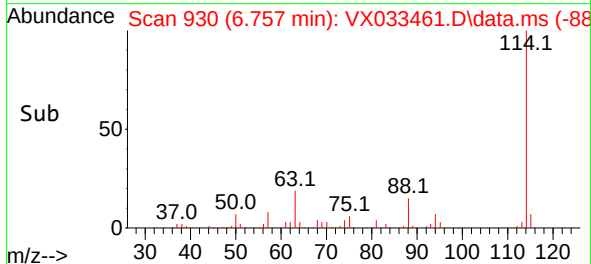
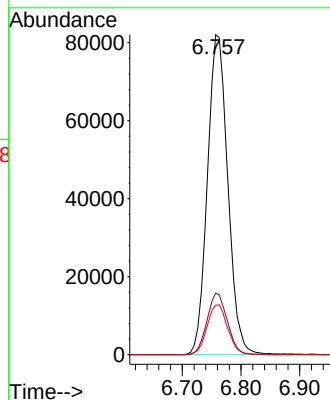
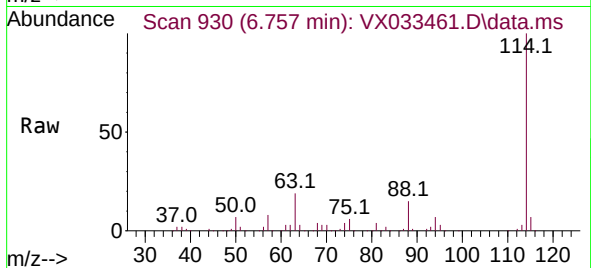




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

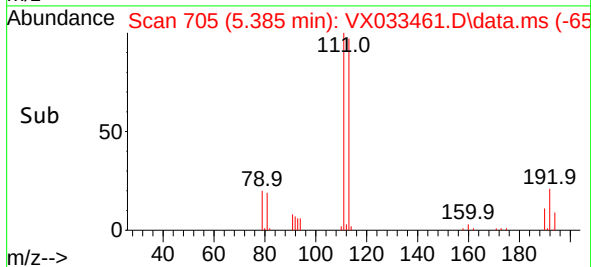
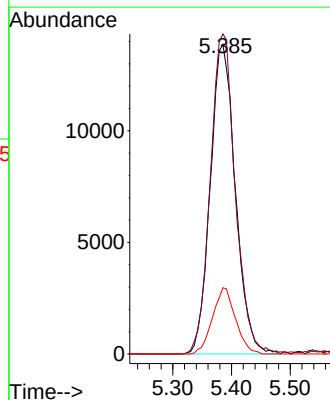
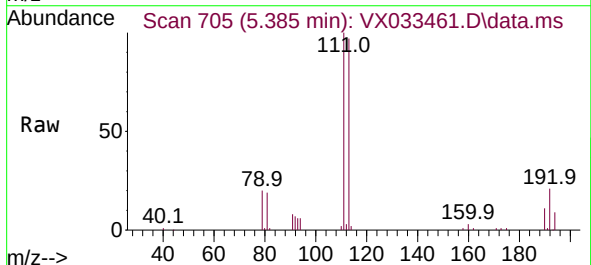
Instrument :
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ClientSampleId :
VX1216WBL02

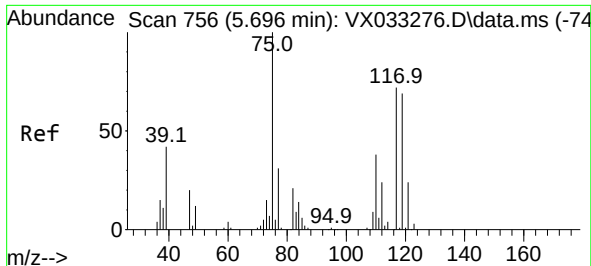
Tgt Ion:114 Resp: 198269
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.062 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

Tgt Ion:113 Resp: 41077
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 19.6 15.4 23.2

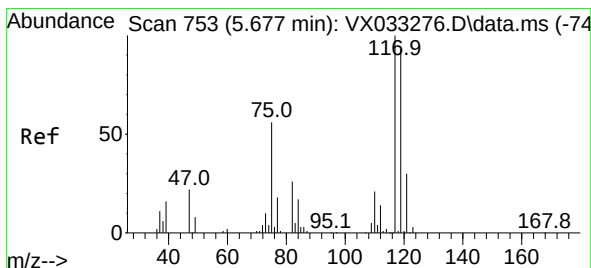
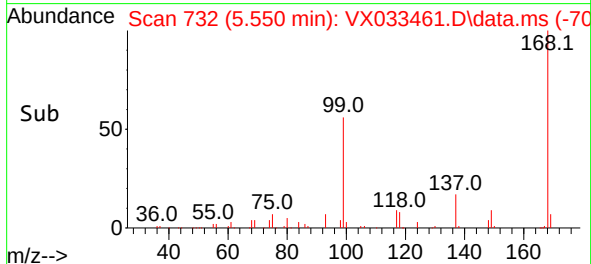
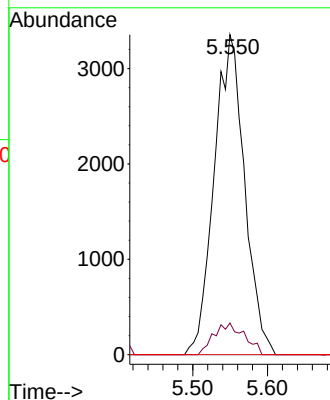
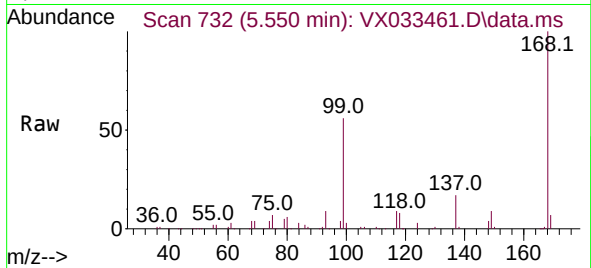




#36
1,1-Dichloropropene
Concen: 5.455 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

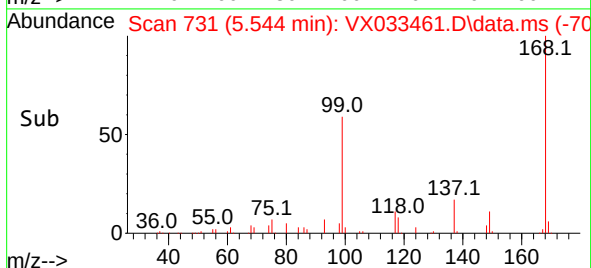
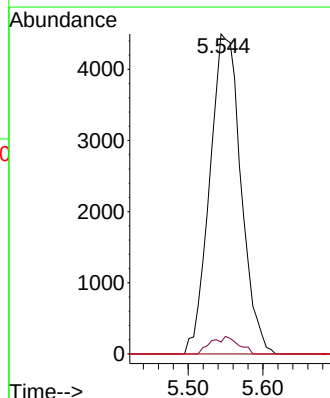
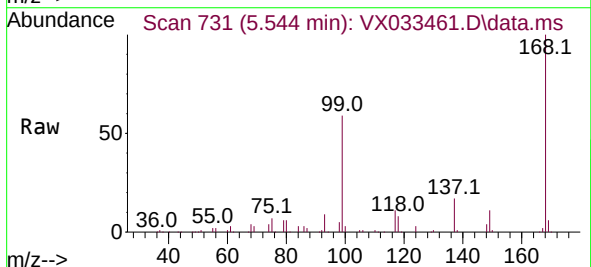
Instrument :
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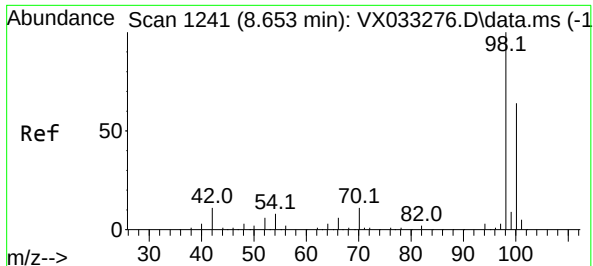
Tgt Ion: 75 Resp: 9485
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.688 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

Tgt Ion: 117 Resp: 13029
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 45.496 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033461.D

Acq: 16 Dec 2022 15:20

Instrument :

MSVOA_X

ClientSampleId :

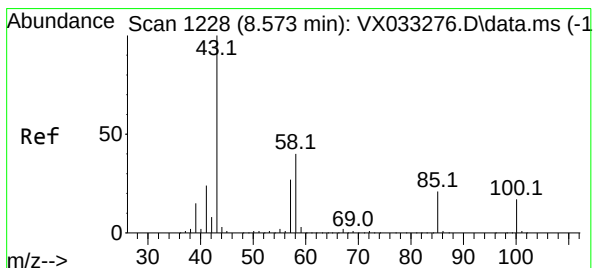
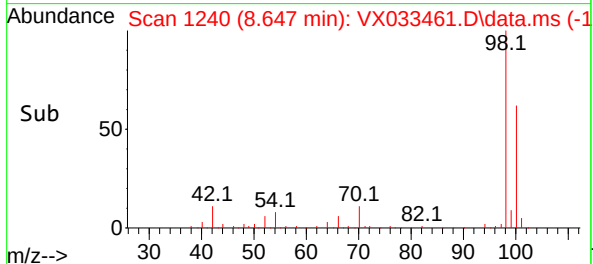
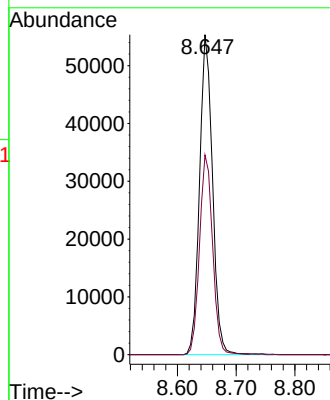
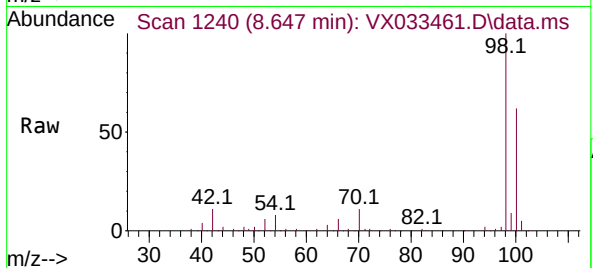
VX1216WBL02

Tgt Ion: 98 Resp: 84875

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.234 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX033461.D

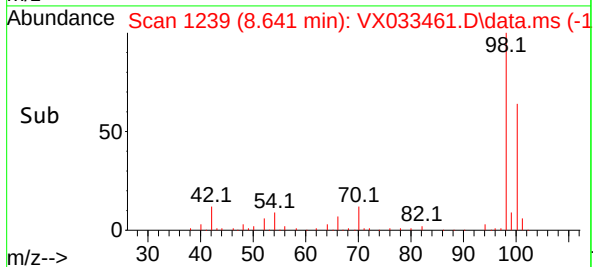
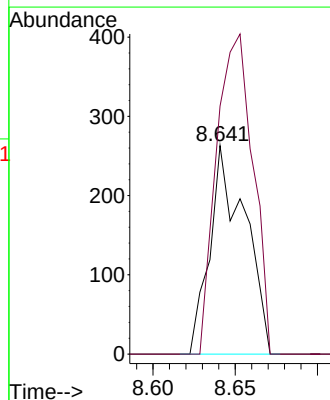
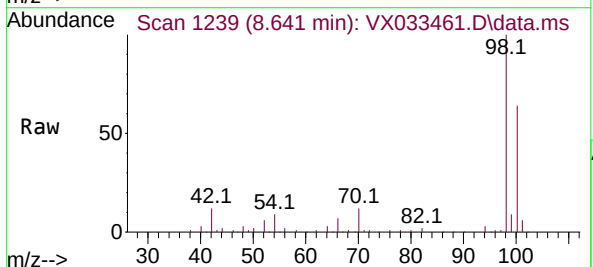
Acq: 16 Dec 2022 15:20

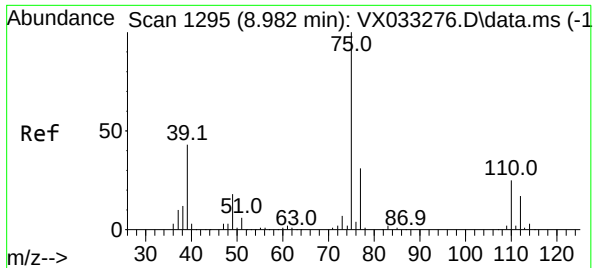
Tgt Ion: 43 Resp: 392

Ion Ratio Lower Upper

43 100

58 158.7 30.9 46.3#

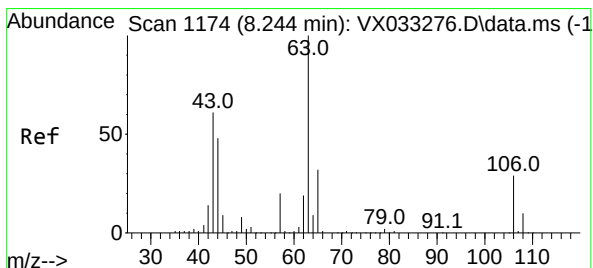
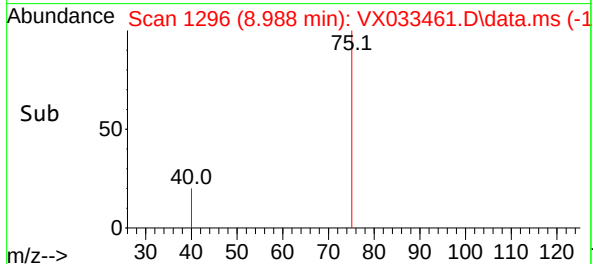
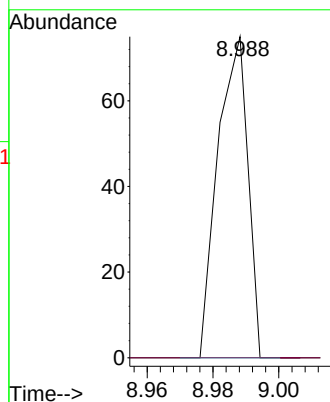
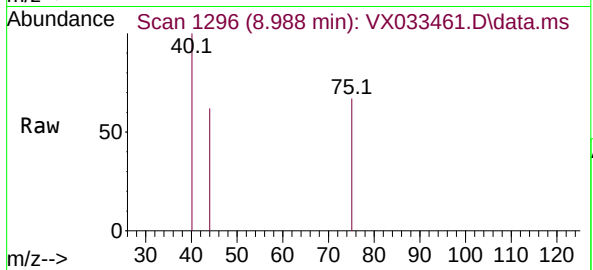




#53
t-1,3-Dichloropropene
Concen: 2.528 ug/l
RT: 8.988 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

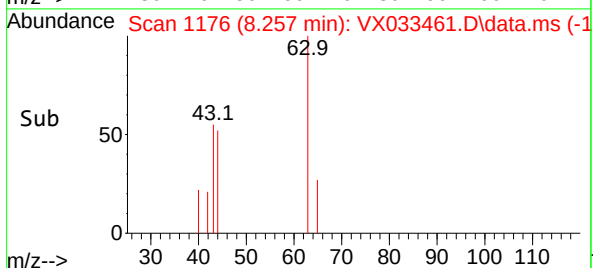
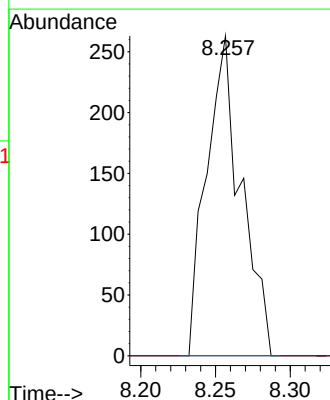
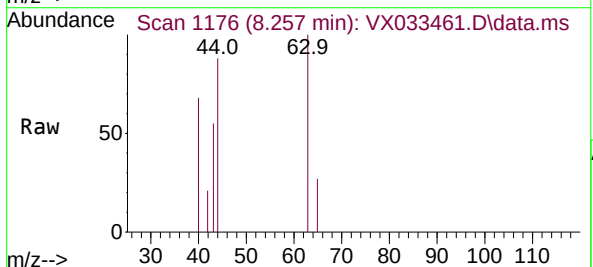
Instrument :
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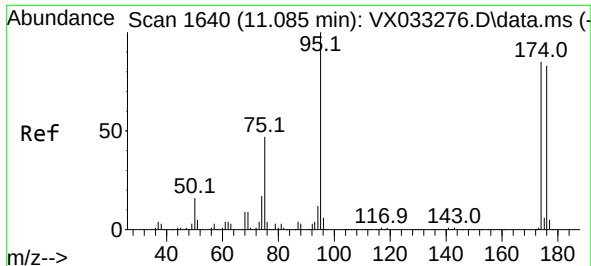
Tgt Ion: 75 Resp: 48
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#58
2-Chloroethyl Vinyl ether
Concen: 0.477 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

Tgt Ion: 63 Resp: 423
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#





#62

4-Bromofluorobenzene

Concen: 45.839 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033461.D

Acq: 16 Dec 2022 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBL02

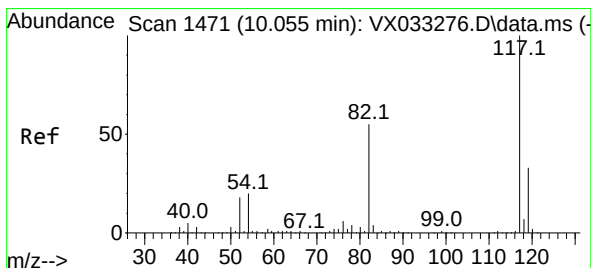
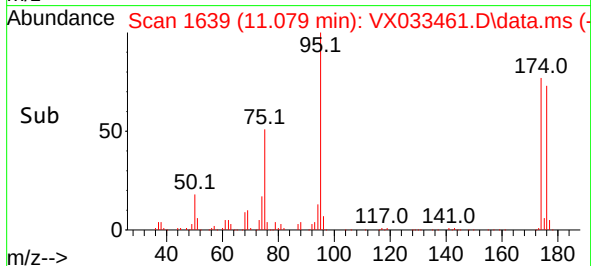
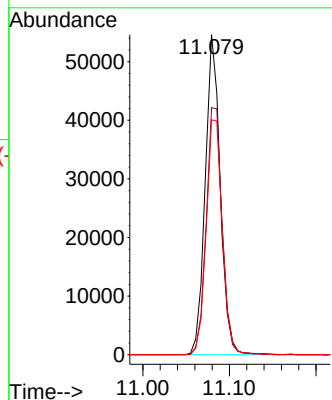
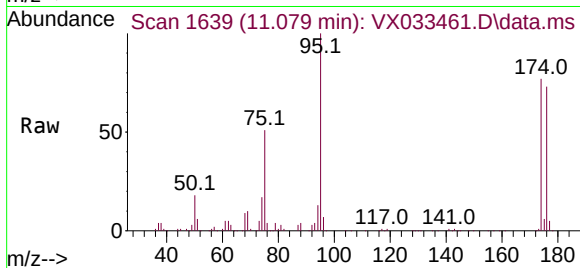
Tgt Ion: 95 Resp: 65386

Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

176 79.4 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033461.D

Acq: 16 Dec 2022 15:20

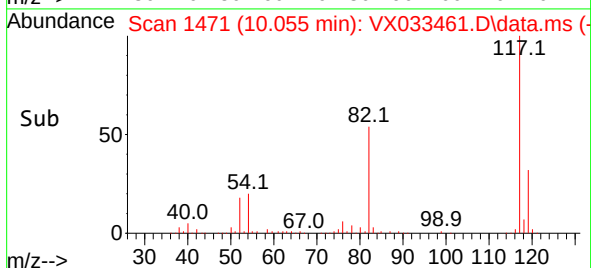
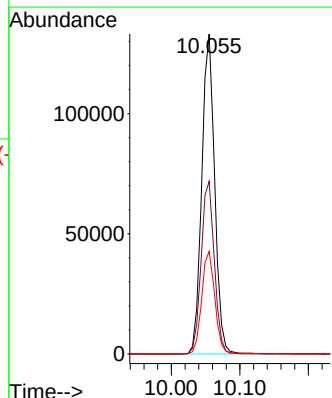
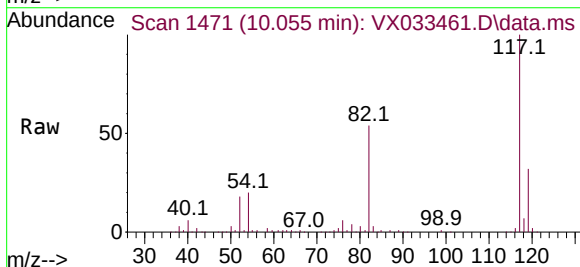
Tgt Ion: 117 Resp: 174806

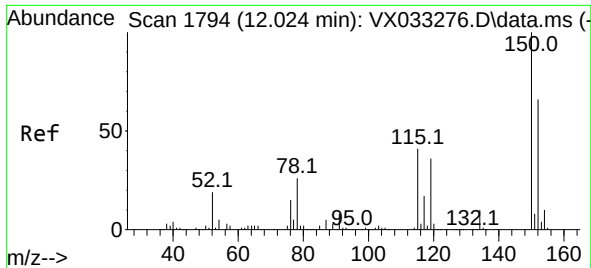
Ion Ratio Lower Upper

117 100

82 54.0 44.3 66.5

119 32.1 25.7 38.5

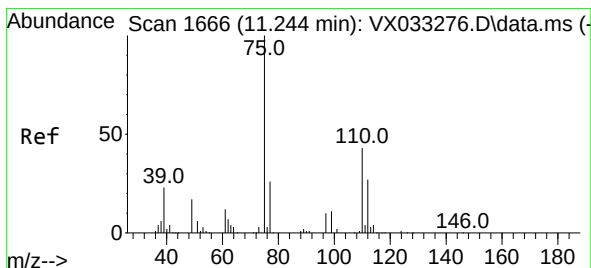
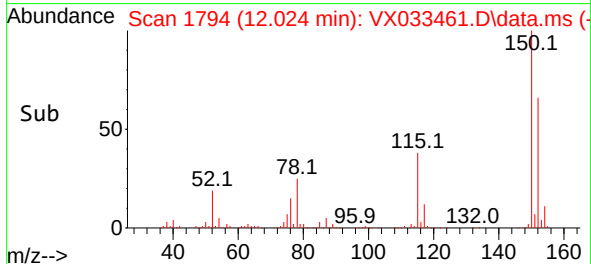
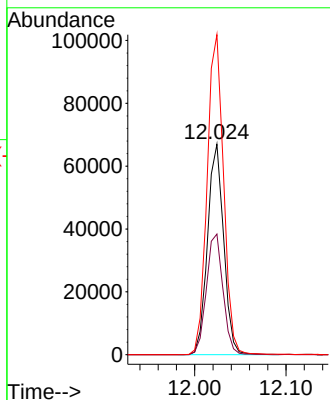
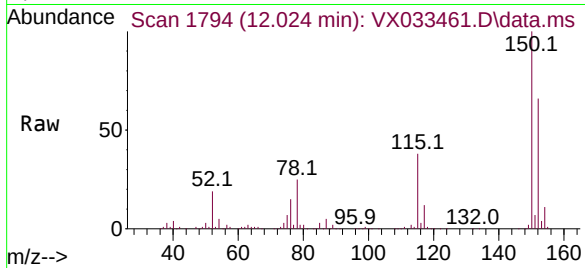




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033461.D
 Acq: 16 Dec 2022 15:20

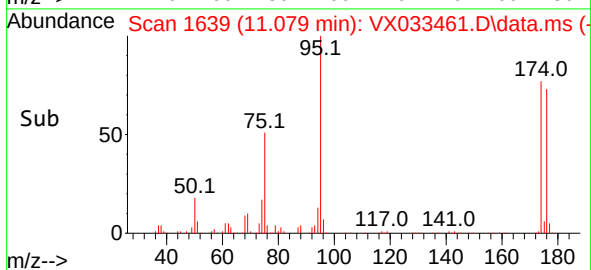
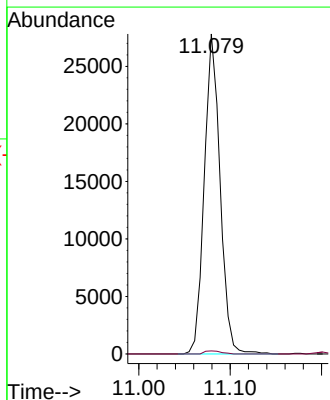
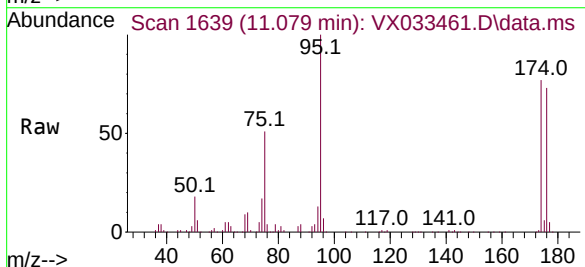
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL02

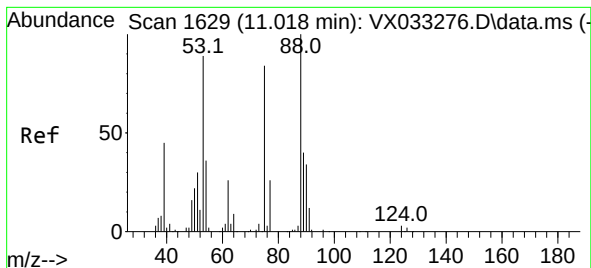
Tgt Ion:152 Resp: 82027
 Ion Ratio Lower Upper
 152 100
 115 58.9 44.0 132.0
 150 154.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 19.955 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033461.D
 Acq: 16 Dec 2022 15:20

Tgt Ion: 75 Resp: 33302
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#

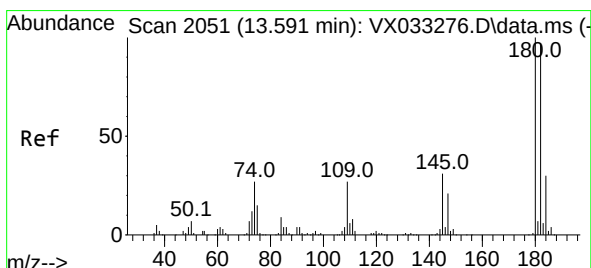
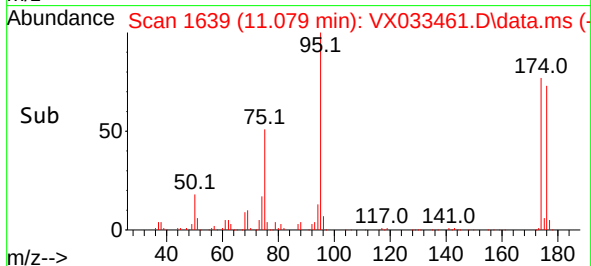
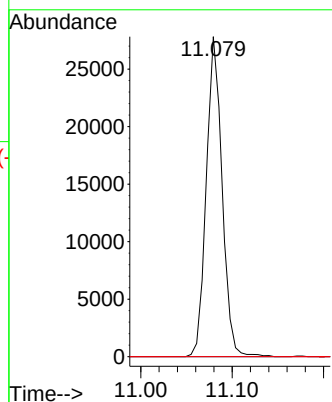
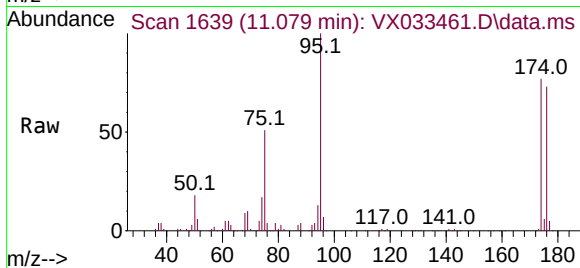




#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.074 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX033461.D
 Acq: 16 Dec 2022 15:20

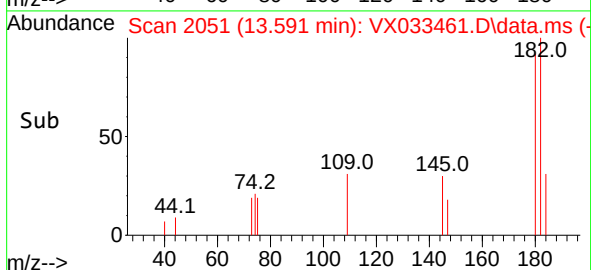
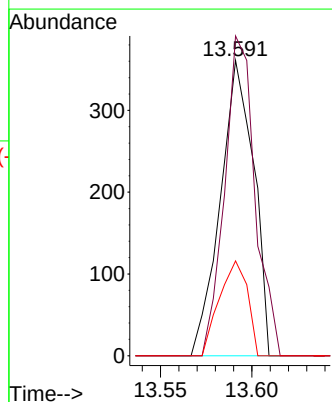
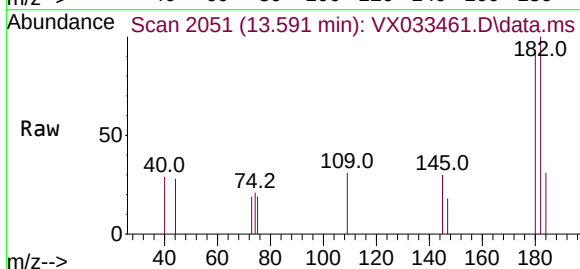
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL02

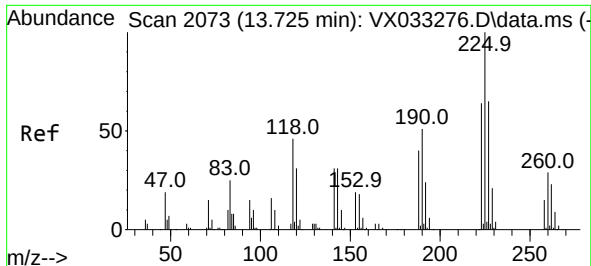
Tgt Ion: 75 Resp: 33302
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.280 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX033461.D
 Acq: 16 Dec 2022 15:20

Tgt Ion:180 Resp: 459
 Ion Ratio Lower Upper
 180 100
 182 98.7 48.4 145.0
 145 27.0 16.2 48.5

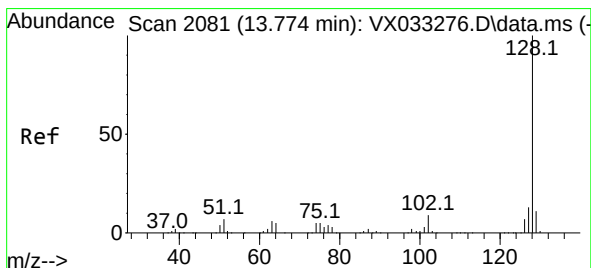
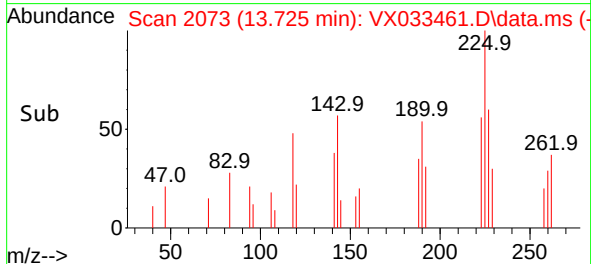
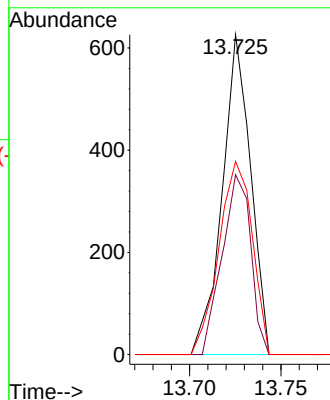
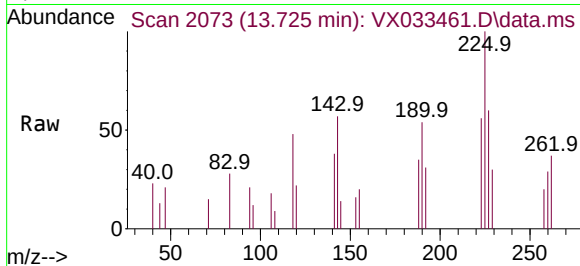




#94
Hexachlorobutadiene
Concen: 1.030 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

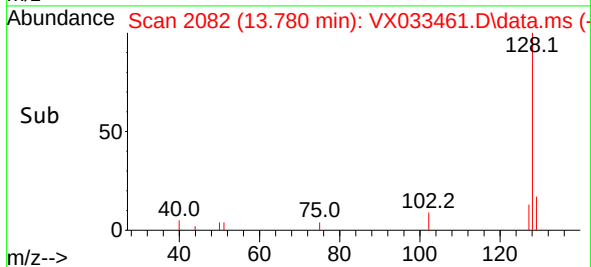
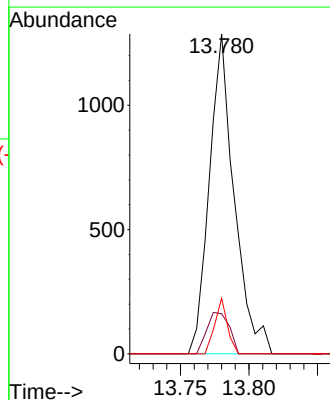
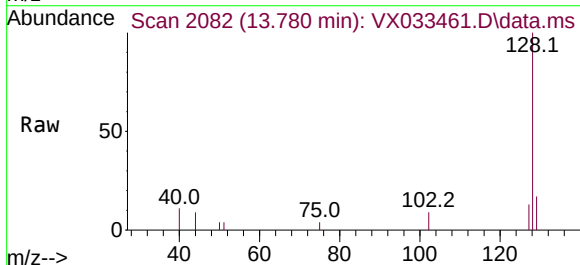
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL02

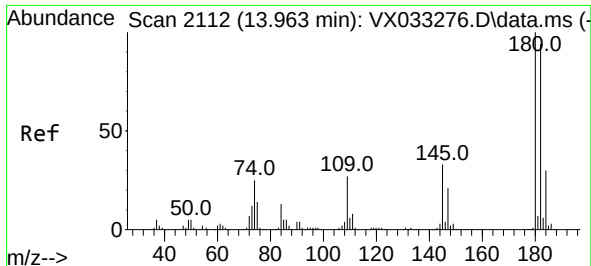
Tgt Ion:	225	Resp:	677
Ion	Ratio	Lower	Upper
225	100		
223	56.7	31.9	95.9
227	71.0	31.9	95.5



#95
Naphthalene
Concen: 0.296 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033461.D
Acq: 16 Dec 2022 15:20

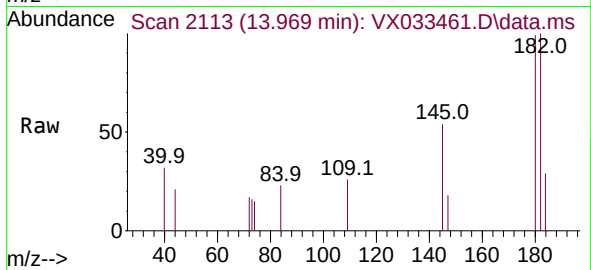
Tgt Ion:	128	Resp:	1623
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	8.7	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.302 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX033461.D
 Acq: 16 Dec 2022 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL02



Tgt Ion:	180	Resp:	502
Ion	Ratio	Lower	Upper
180	100		
182	103.8	47.5	142.6
145	31.7	16.9	50.6

