

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022913.D
 Acq On : 25 Jun 2021 11:15
 Operator : JC/MD
 Sample : VX0625MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:51:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

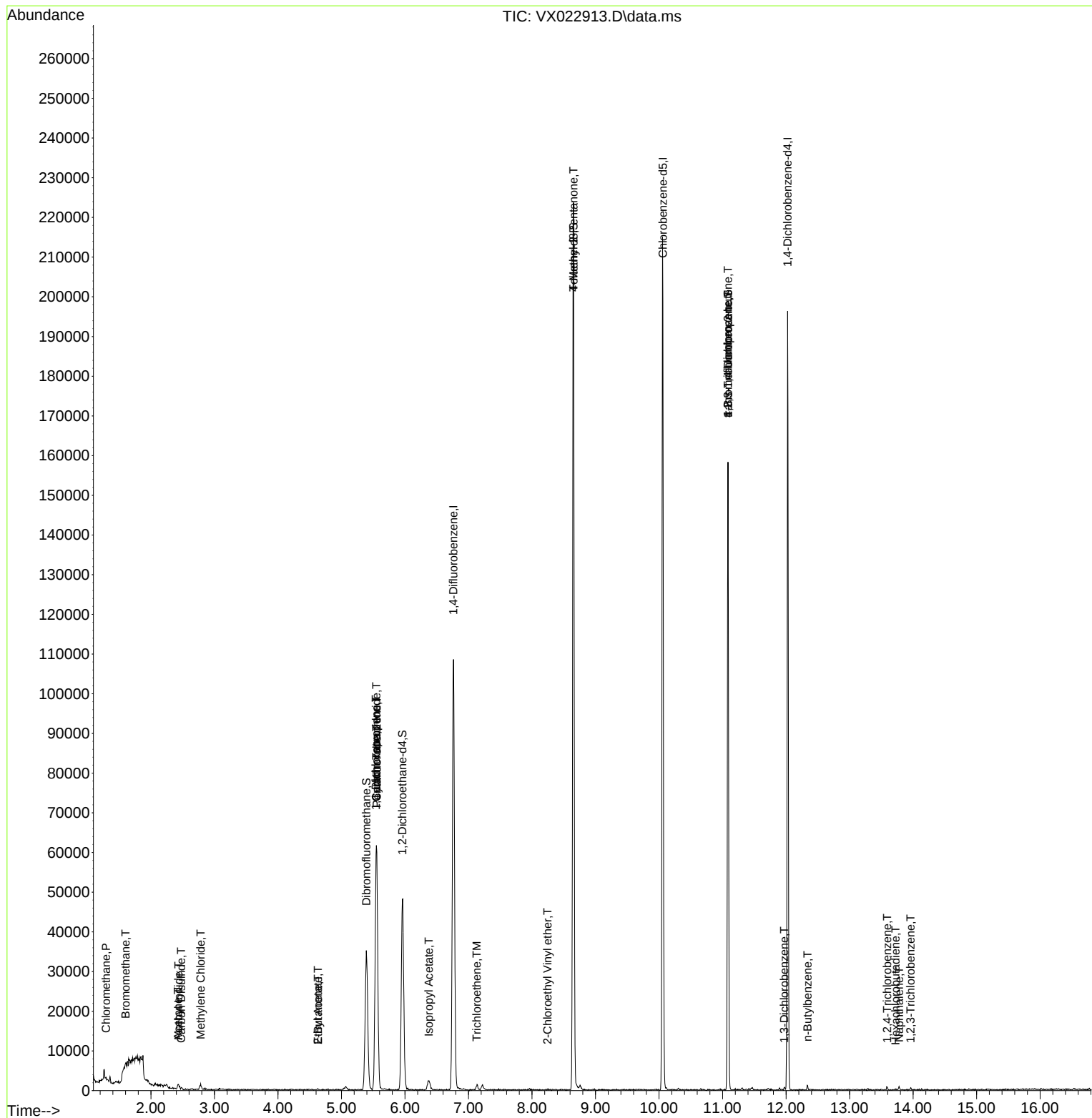
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	52823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	103609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	92065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45300	47.26	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.52%
35) Dibromofluoromethane	5.391	113	29901	45.45	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.90%
50) Toluene-d8	8.653	98	129630	50.27	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.54%
62) 4-Bromofluorobenzene	11.085	95	43356	45.05	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.10%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	217	0.27	ug/l	97
5) Bromomethane	1.599	94	659	1.58	ug/l #	78
10) Methyl Iodide	2.434	142	981	4.97	ug/l #	85
16) Acetone	2.428	43	421	0.99	ug/l #	40
17) Carbon Disulfide	2.477	76	306	3.67	ug/l #	75
20) Methylene Chloride	2.782	84	678	1.17	ug/l #	81
25) 2-Butanone	4.629	43	469	0.71	ug/l #	82
31) Cyclohexane	5.550	56	1602	1.18	ug/l #	44
36) 1,1-Dichloropropene	5.543	75	5320	4.83	ug/l #	46
37) Ethyl Acetate	4.629	43	469	0.37	ug/l #	64
38) Carbon Tetrachloride	5.550	117	6197	6.71	ug/l #	15
43) Isopropyl Acetate	6.373	43	1207	0.59	ug/l #	57
44) Trichloroethene	7.129	130	264	0.35	ug/l	80
51) 4-Methyl-2-Pentanone	8.653	43	658	0.52	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.244	63	64	5.30	ug/l #	45
76) 1,2,3-Trichloropropane	11.085	75	23580	26.01	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	23580	67.62	ug/l #	12
87) 1,3-Dichlorobenzene	11.969	146	238	0.20	ug/l	70
89) n-Butylbenzene	12.341	91	471	0.21	ug/l #	80
93) 1,2,4-Trichlorobenzene	13.591	180	332	0.53	ug/l	85
94) Hexachlorobutadiene	13.725	225	62	0.25	ug/l #	46
95) Naphthalene	13.780	128	680	2.16	ug/l #	82
96) 1,2,3-Trichlorobenzene	13.963	180	195	0.31	ug/l #	73

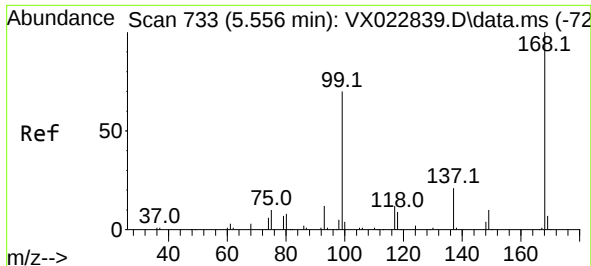
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 26 03:51:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

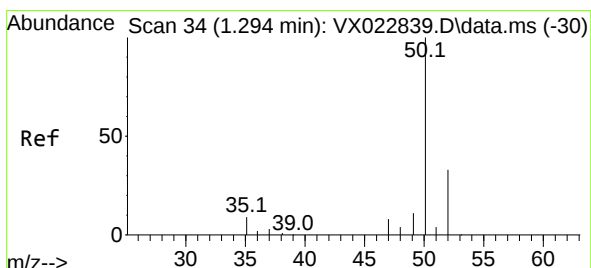
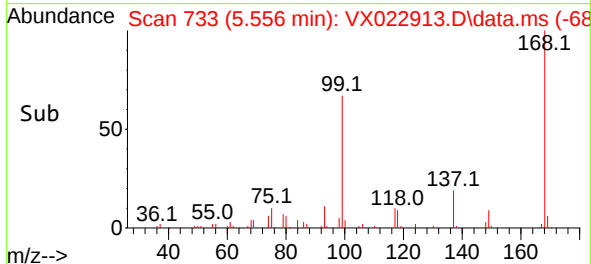
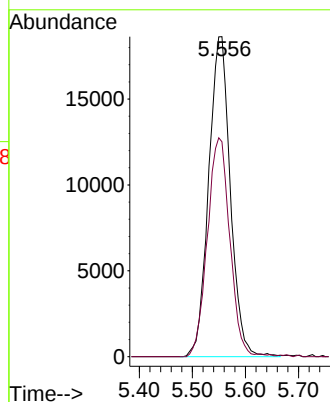
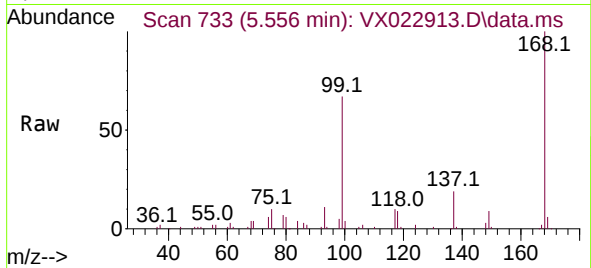




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

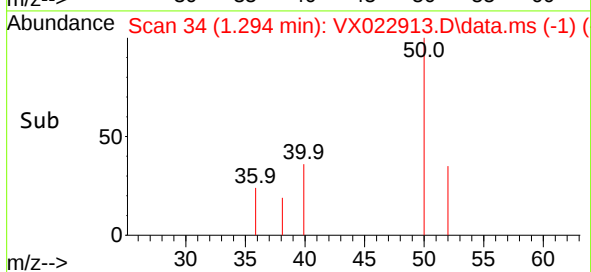
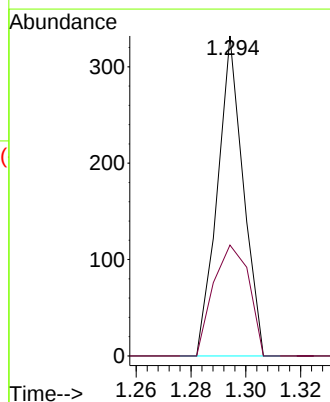
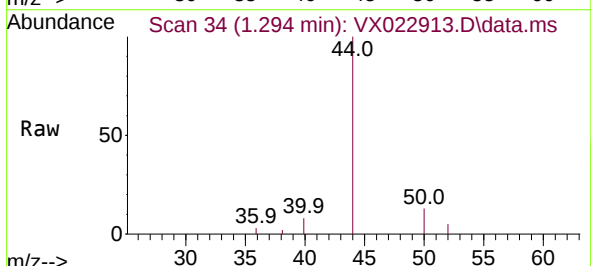
Instrument :
MSVOA_X
ClientSampleId :

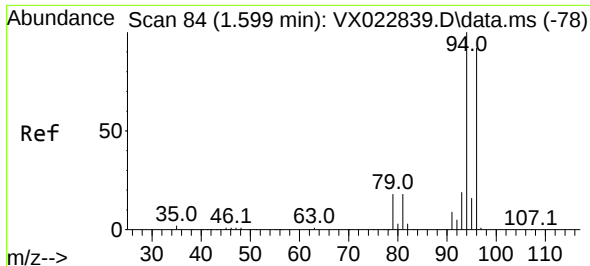
Tgt Ion:168 Resp: 52823
Ion Ratio Lower Upper
168 100
99 67.2 45.8 68.6



#3
Chloromethane
Concen: 0.27 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 34.6 26.4 39.6

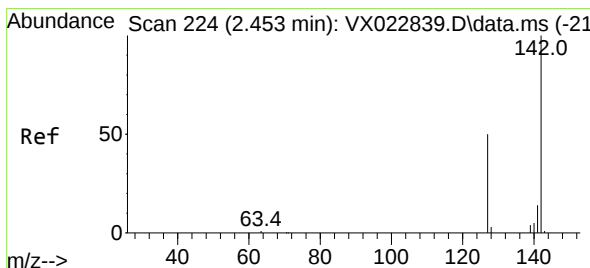
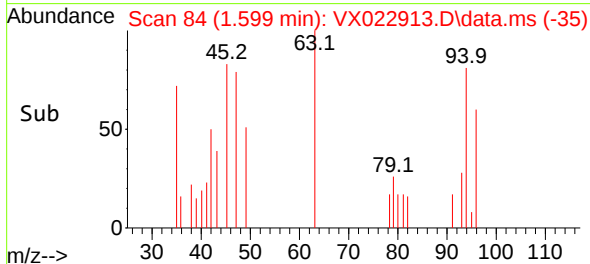
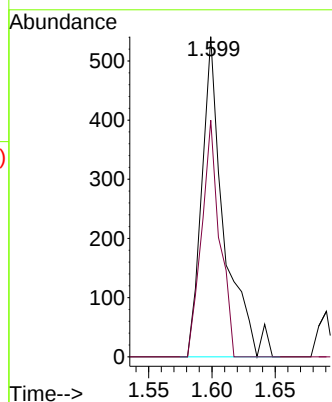
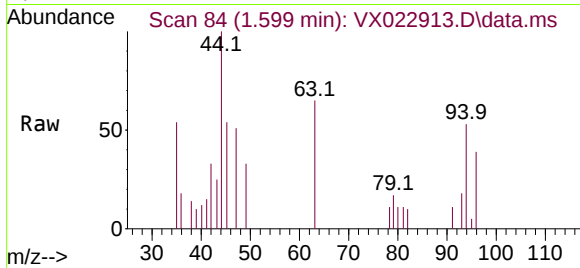




#5
Bromomethane
Concen: 1.58 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

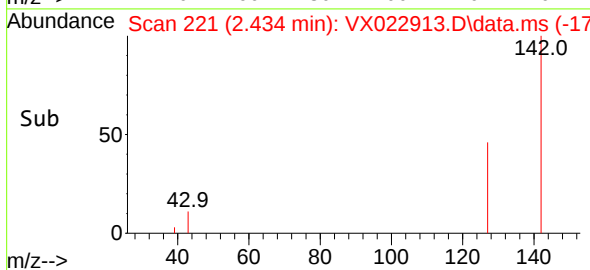
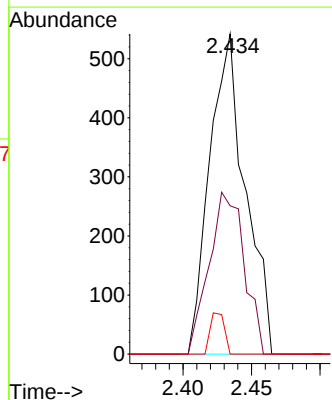
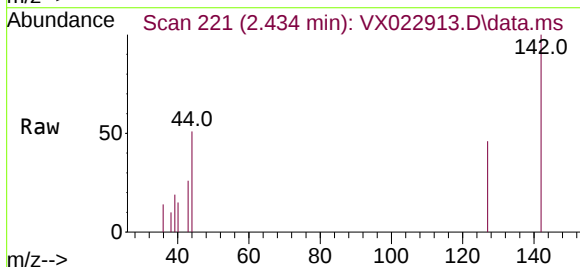
Instrument :
MSVOA_X
ClientSampled :

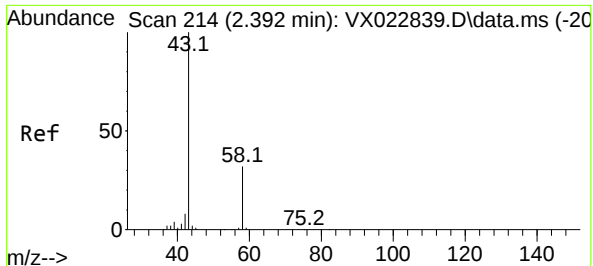
Tgt Ion: 94 Resp: 659
Ion Ratio Lower Upper
94 100
96 73.9 76.4 114.6#



#10
Methyl Iodide
Concen: 4.97 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.019 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Tgt Ion:142 Resp: 981
Ion Ratio Lower Upper
142 100
127 49.7 33.3 49.9
141 5.1 11.4 17.0#

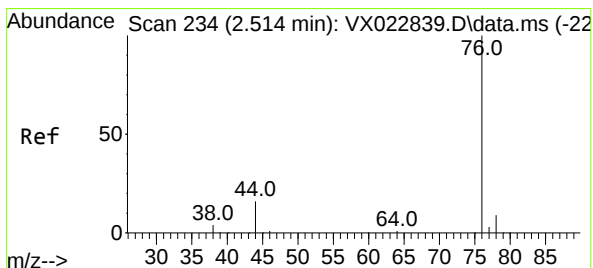
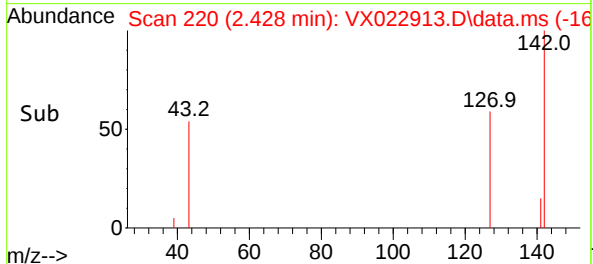
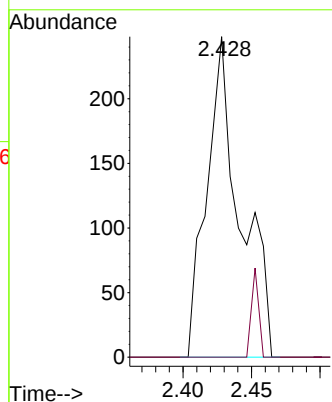
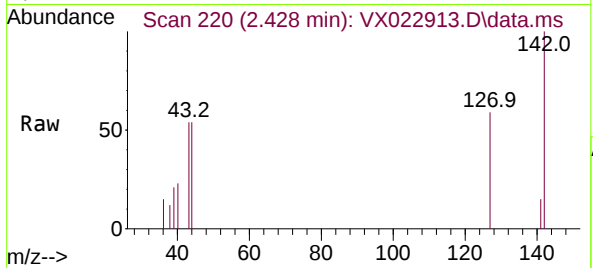




#16
Acetone
Concen: 0.99 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.036 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

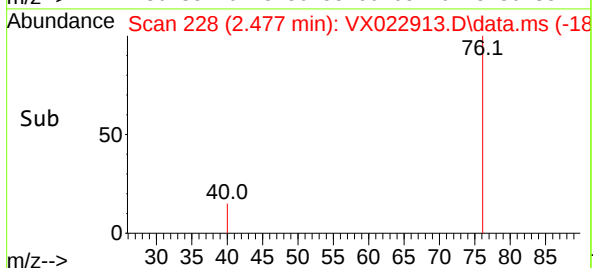
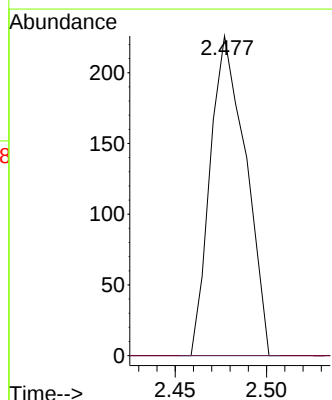
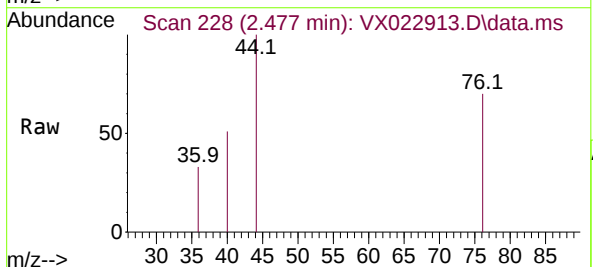
Instrument :
MSVOA_X
ClientSampled :

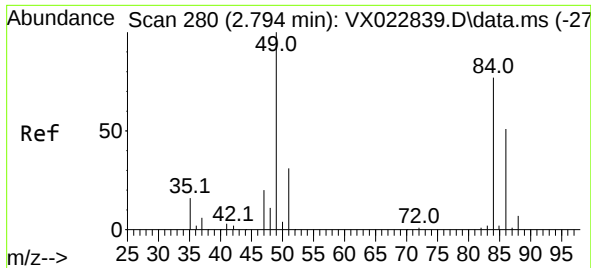
Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.67 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.037 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Tgt Ion: 76 Resp: 306
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 1.17 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.012 min

Lab File: VX022913.D

Acq: 25 Jun 2021 11:15

Tgt Ion: 84 Resp: 678

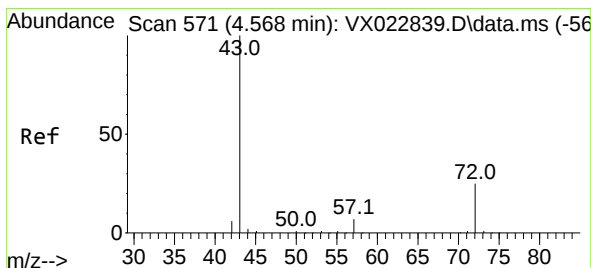
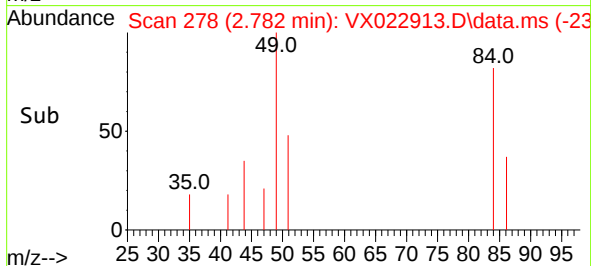
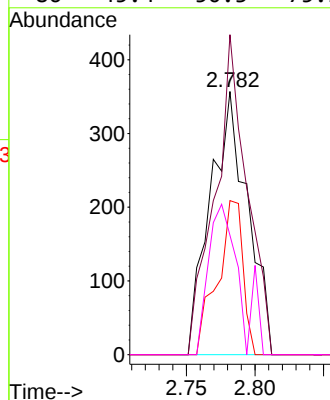
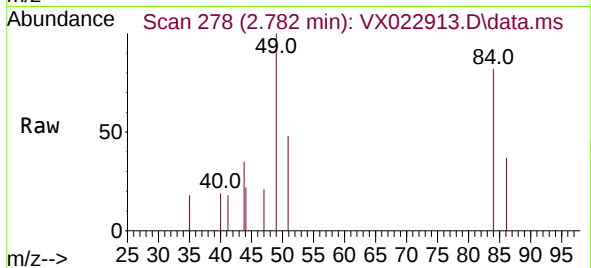
Ion Ratio Lower Upper

84 100

49 121.6 88.6 132.8

51 58.5 27.0 40.6#

86 45.4 50.3 75.5#



#25

2-Butanone

Concen: 0.71 ug/l

RT: 4.629 min Scan# 581

Delta R.T. 0.061 min

Lab File: VX022913.D

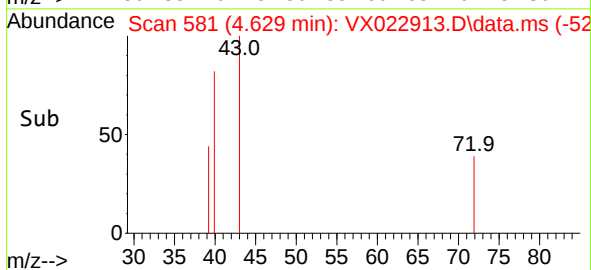
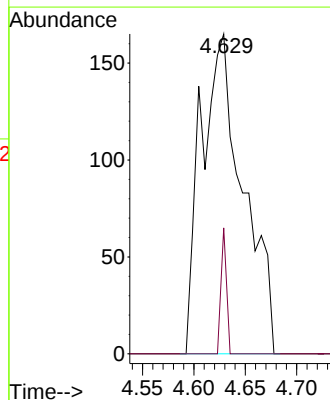
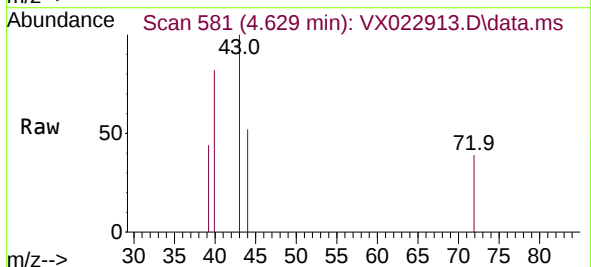
Acq: 25 Jun 2021 11:15

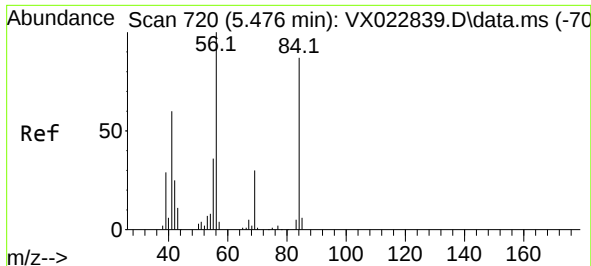
Tgt Ion: 43 Resp: 469

Ion Ratio Lower Upper

43 100

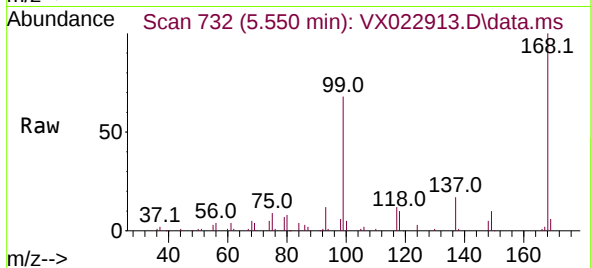
72 39.4 23.7 35.5#



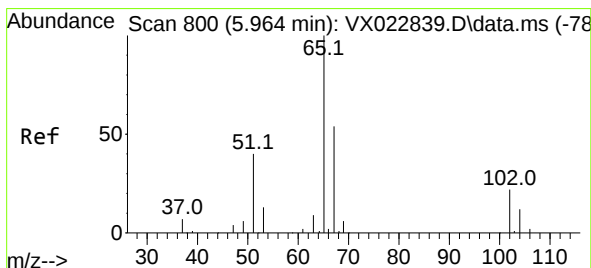
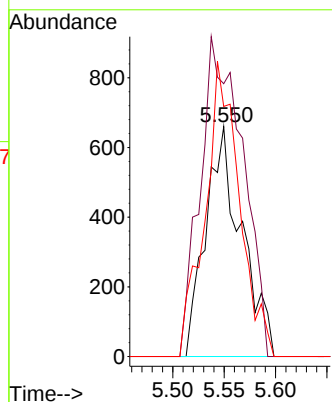
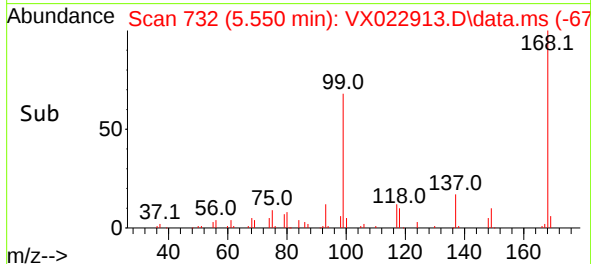


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

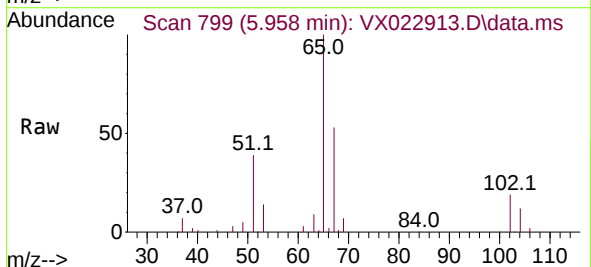
Instrument :
MSVOA_X
ClientSampleId :



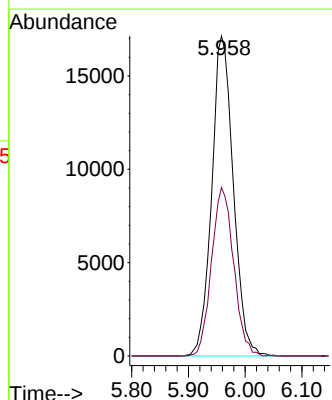
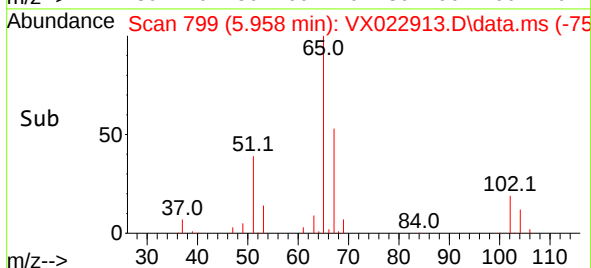
Tgt Ion: 56 Resp: 1602
Ion Ratio Lower Upper
56 100
69 118.6 25.3 37.9#
84 108.8 71.4 107.0#

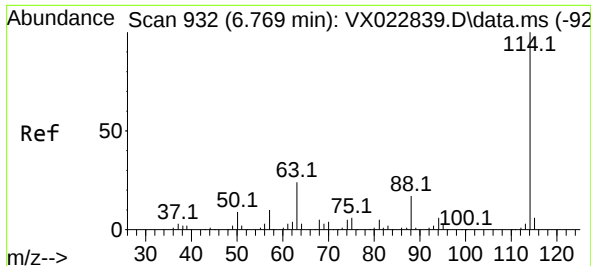


#33
1,2-Dichloroethane-d4
Concen: 47.26 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15



Tgt Ion: 65 Resp: 45300
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4

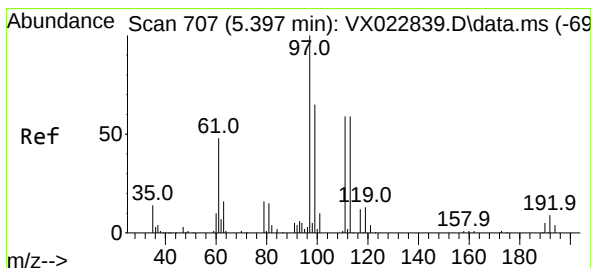
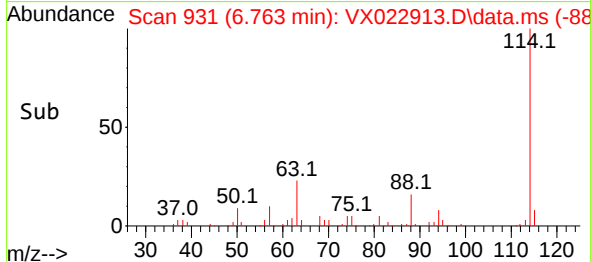
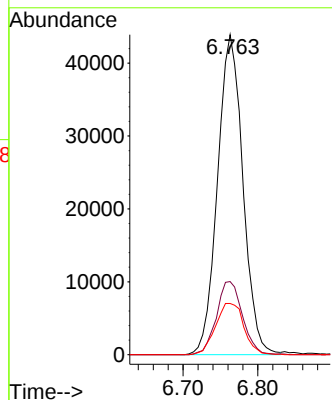
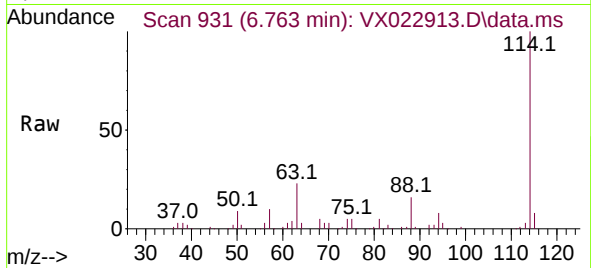




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

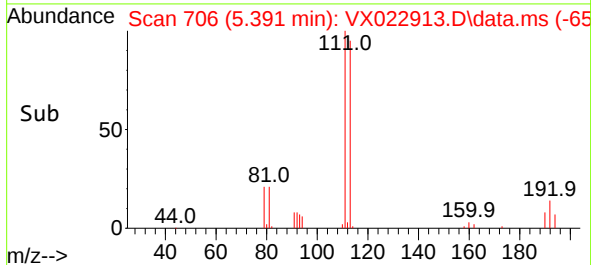
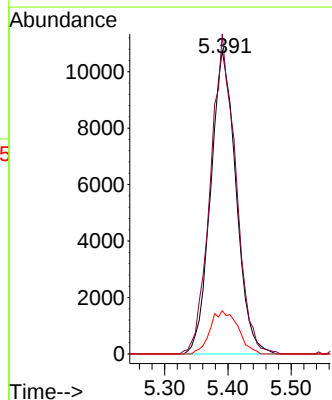
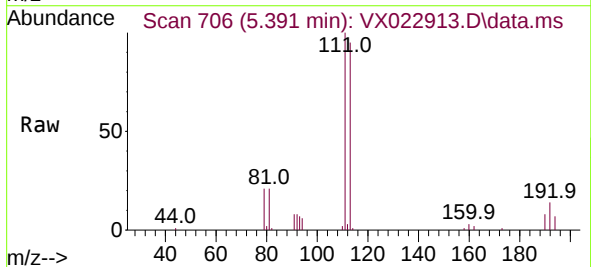
Instrument :
MSVOA_X
ClientSampleId :

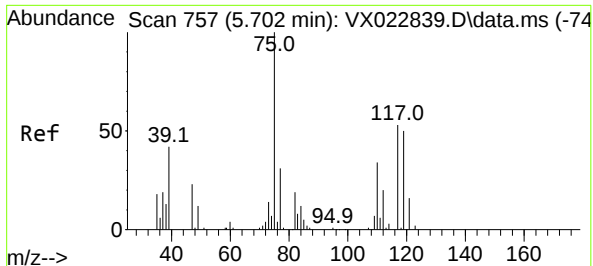
Tgt Ion:114 Resp: 103609
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.45 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

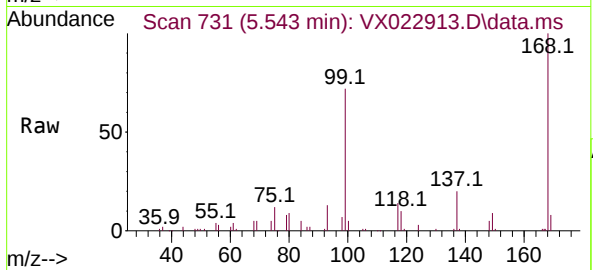
Tgt Ion:113 Resp: 29901
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 15.6 16.7 25.1#



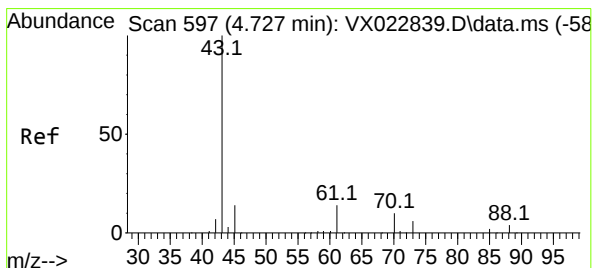
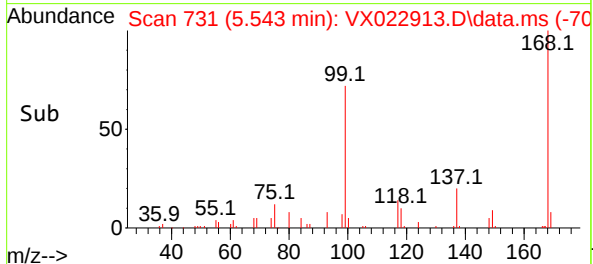
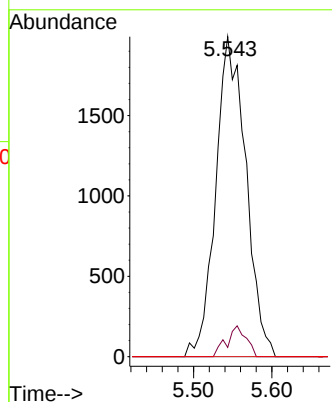


#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.159 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Instrument :
MSVOA_X
ClientSampled :

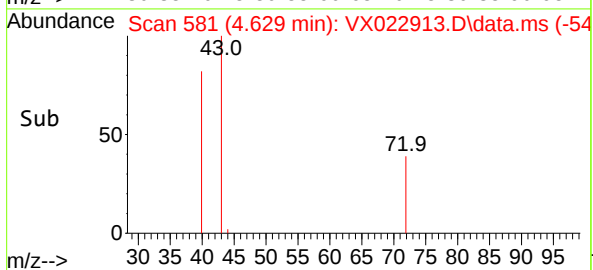
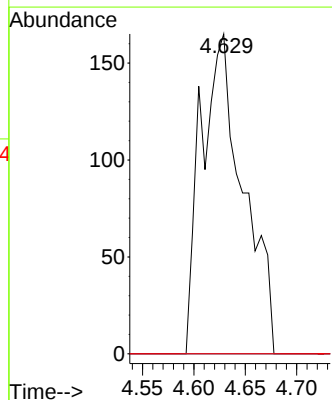
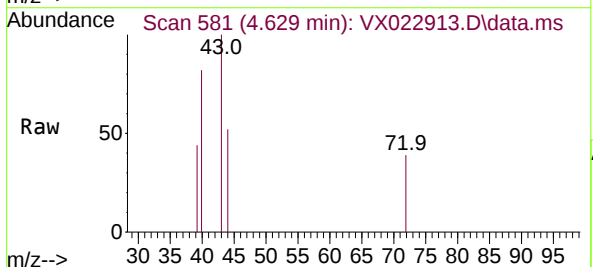


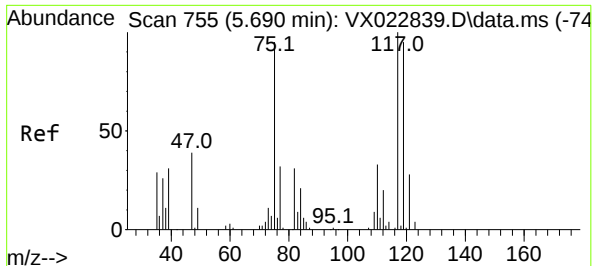
Tgt Ion: 75 Resp: 5320
Ion Ratio Lower Upper
75 100
110 6.1 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.37 ug/l
RT: 4.629 min Scan# 581
Delta R.T. -0.098 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

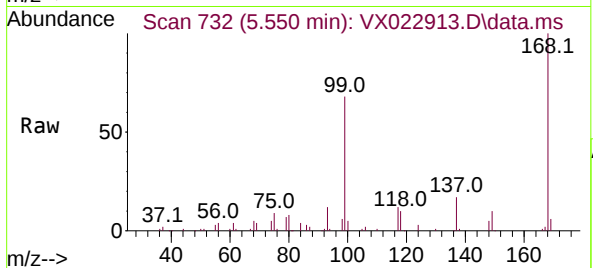
Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



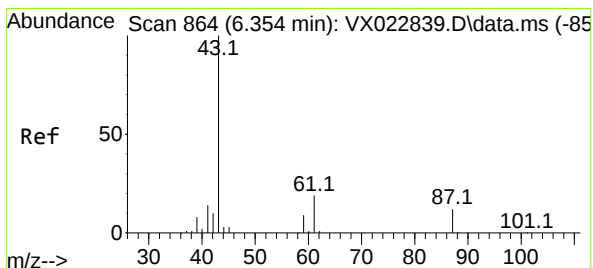
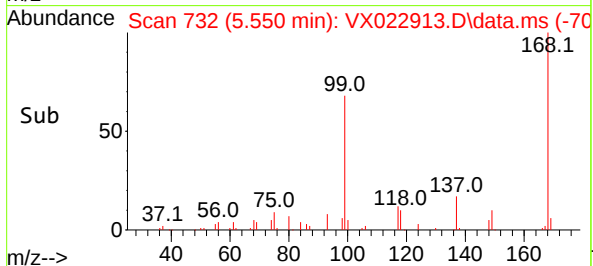
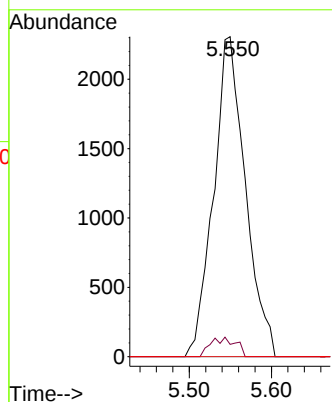


#38
Carbon Tetrachloride
Concen: 6.71 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Instrument :
MSVOA_X
ClientSampled :

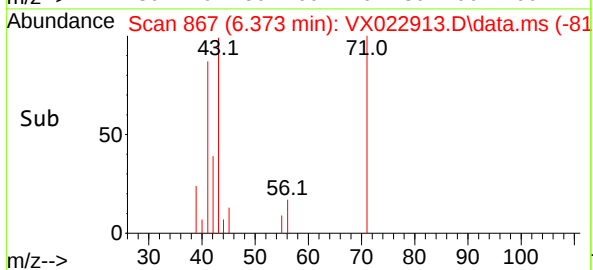
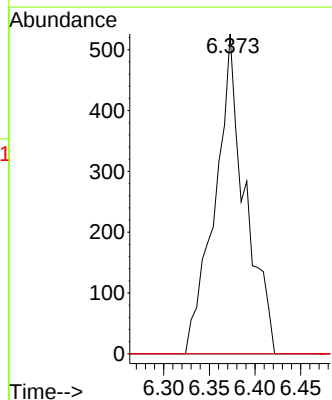
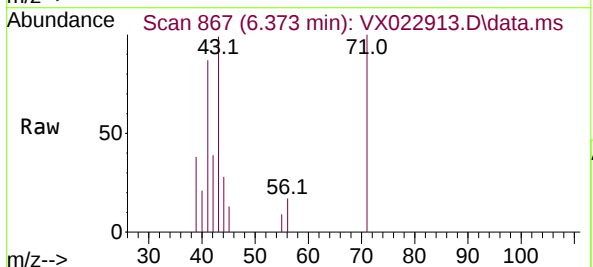


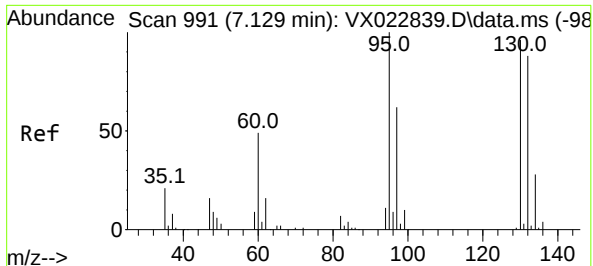
Tgt Ion:117 Resp: 6197
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.59 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.019 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

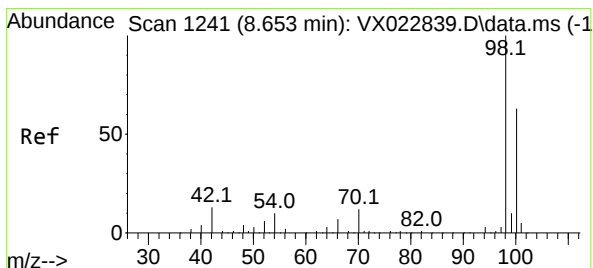
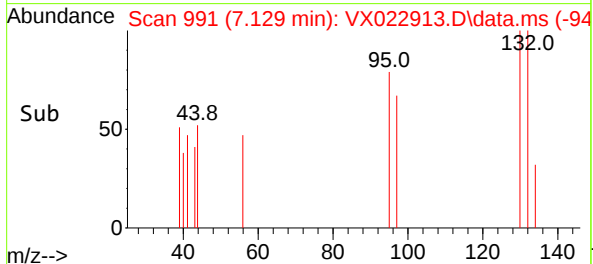
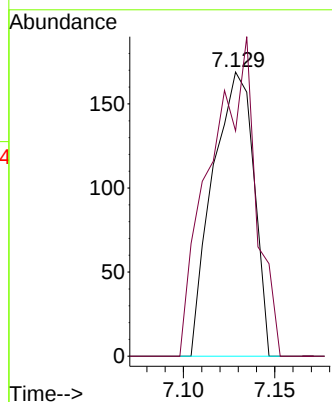
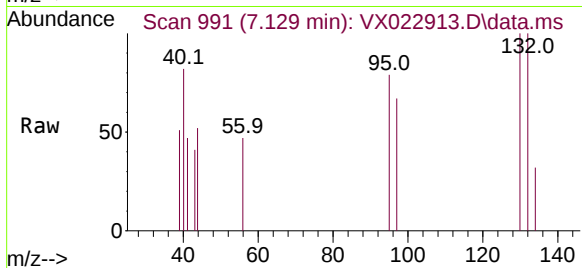




#44
Trichloroethene
Concen: 0.35 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

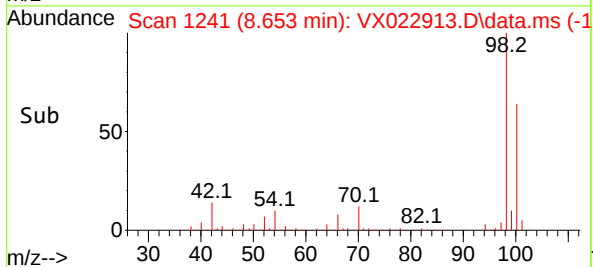
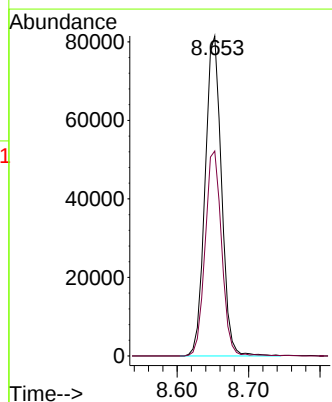
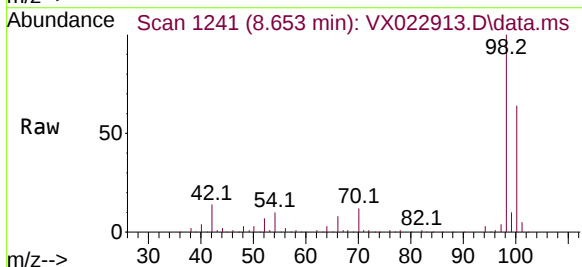
Instrument :
MSVOA_X
ClientSampleId :

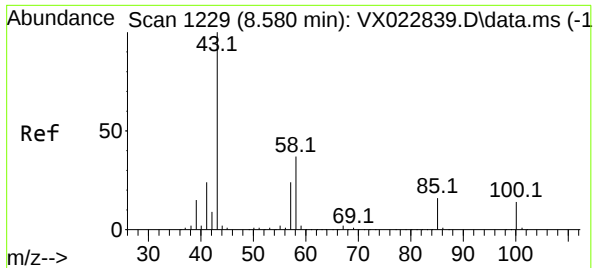
Tgt Ion:130 Resp: 264
Ion Ratio Lower Upper
130 100
95 79.3 0.0 198.0



#50
Toluene-d8
Concen: 50.27 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Tgt Ion: 98 Resp: 129630
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

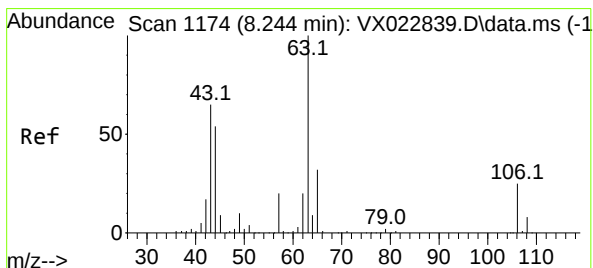
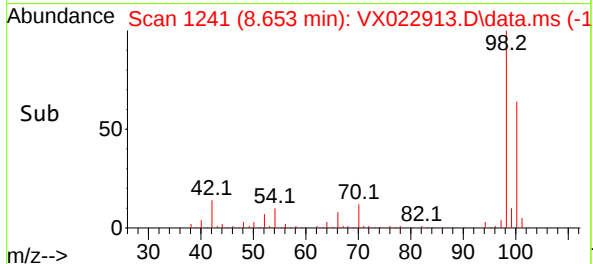
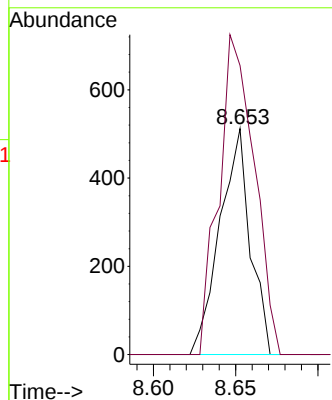
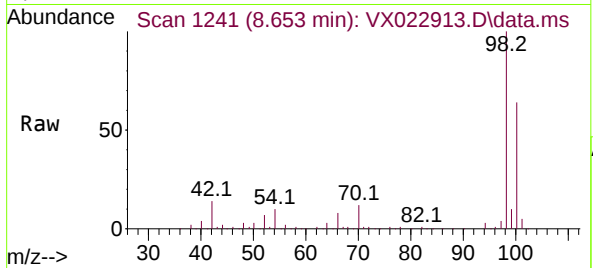




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

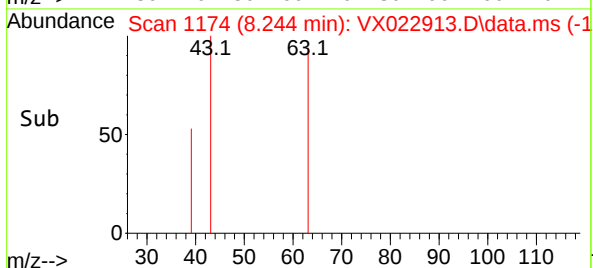
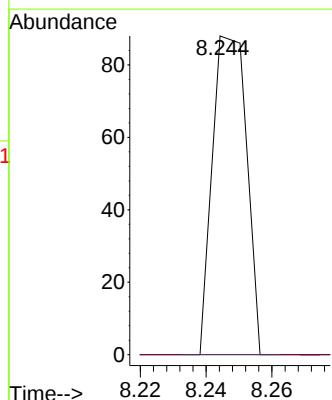
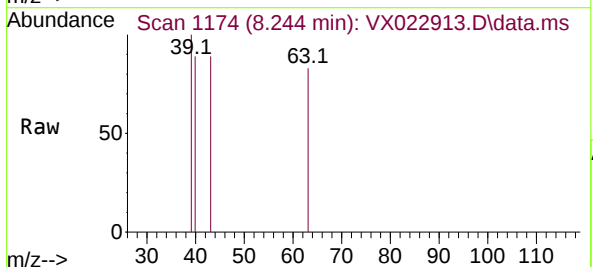
Instrument :
MSVOA_X
ClientSampled :

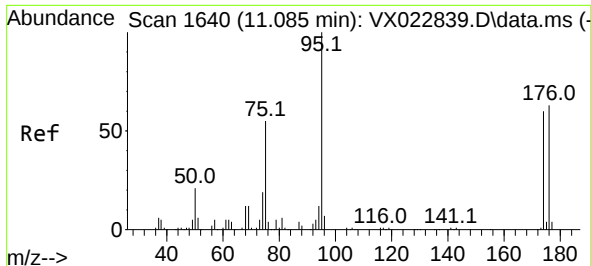
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 164.6 35.4 53.0#



#58
2-Chloroethyl Vinyl ether
Concen: 5.30 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Tgt Ion: 63 Resp: 64
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#

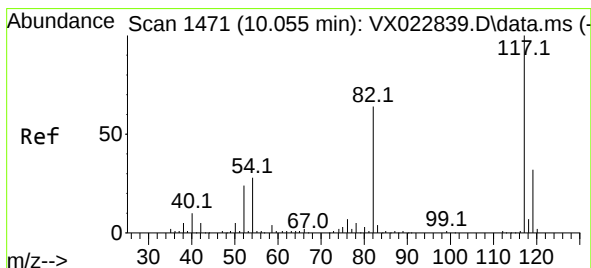
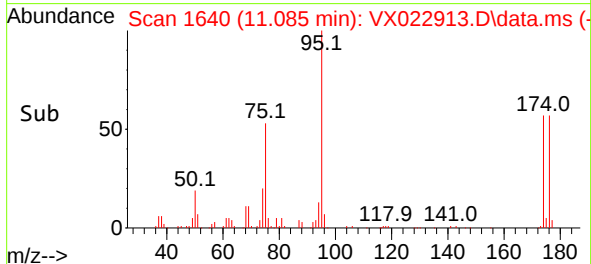
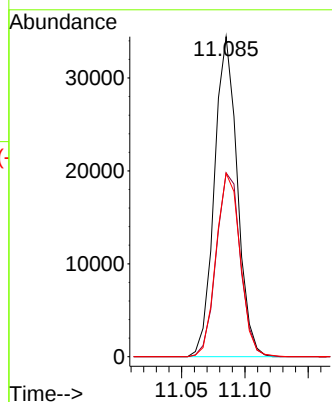
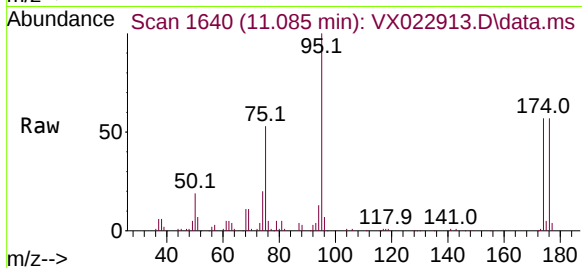




#62
4-Bromofluorobenzene
Concen: 45.05 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

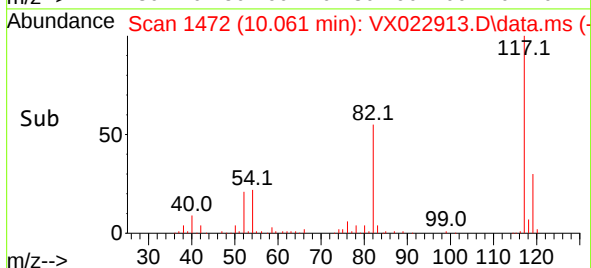
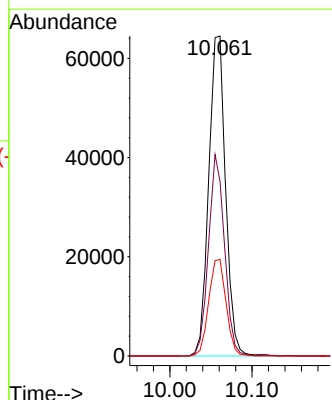
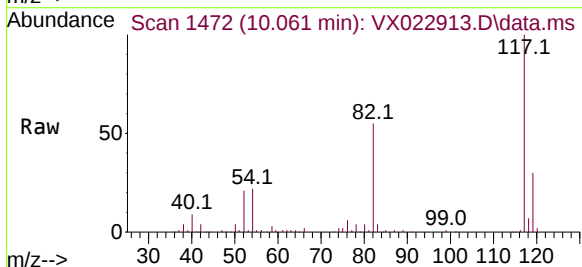
Instrument :
MSVOA_X
ClientSampleId :

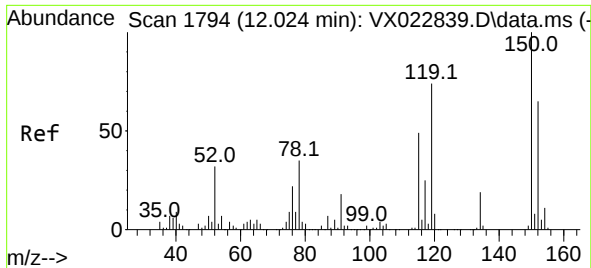
Tgt Ion: 95 Resp: 43356
Ion Ratio Lower Upper
95 100
174 60.4 0.0 154.6
176 60.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Tgt Ion: 117 Resp: 92065
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 30.1 26.6 39.8

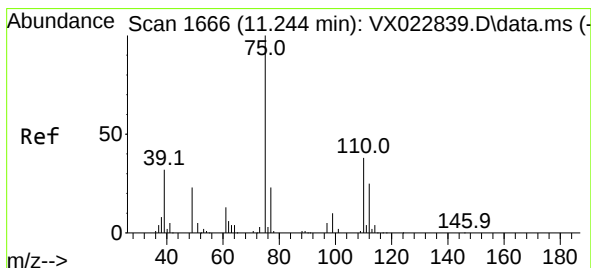
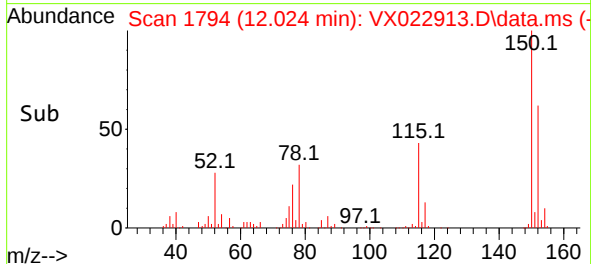
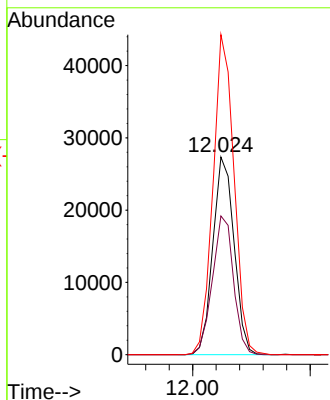
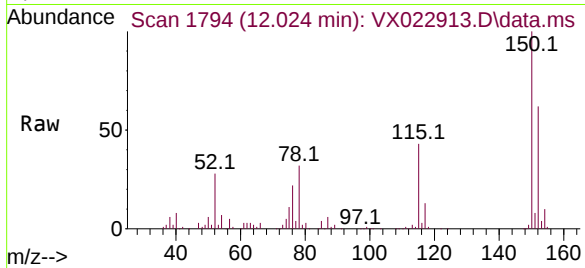




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022913.D
 Acq: 25 Jun 2021 11:15

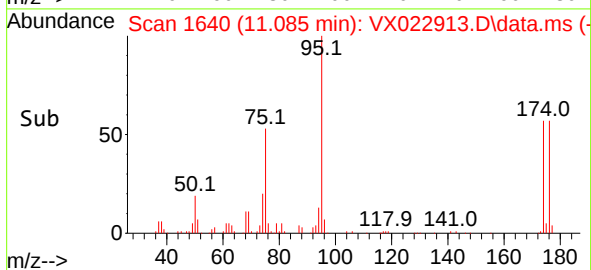
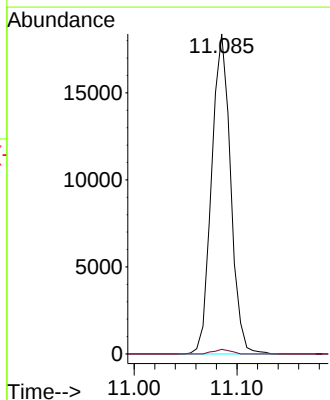
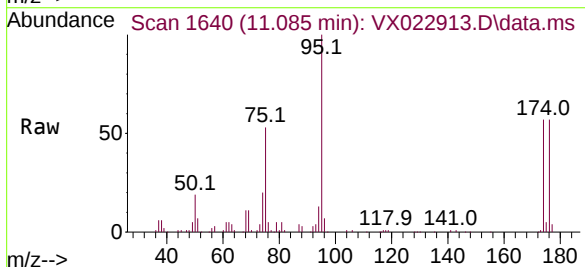
Instrument :
 MSVOA_X
 ClientSampled :

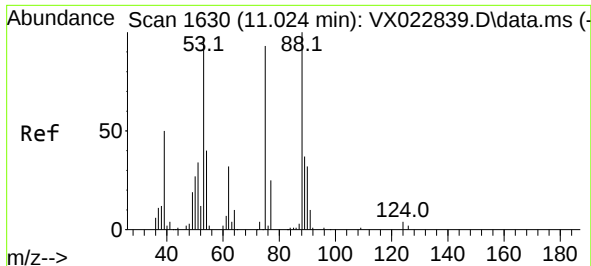
Tgt Ion:152 Resp: 34318
 Ion Ratio Lower Upper
 152 100
 115 69.8 41.1 123.3
 150 160.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.01 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022913.D
 Acq: 25 Jun 2021 11:15

Tgt Ion: 75 Resp: 23580
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

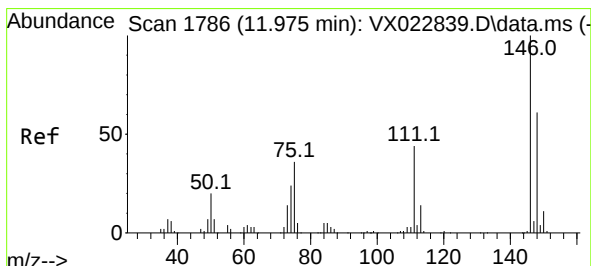
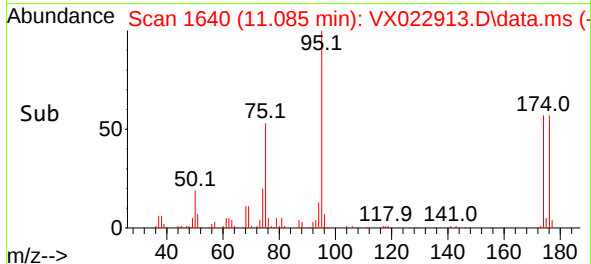
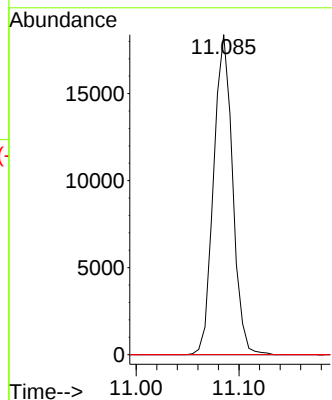
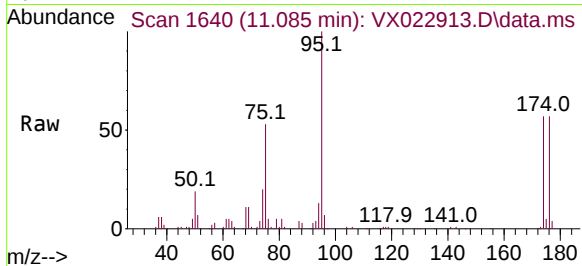




#81
trans-1,4-Dichloro-2-butene
Concen: 67.62 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

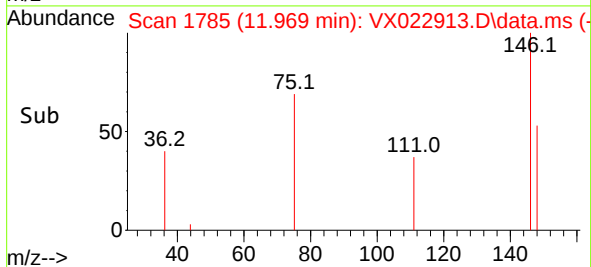
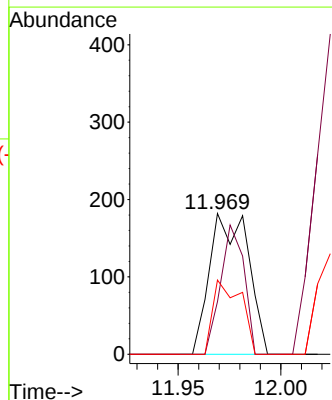
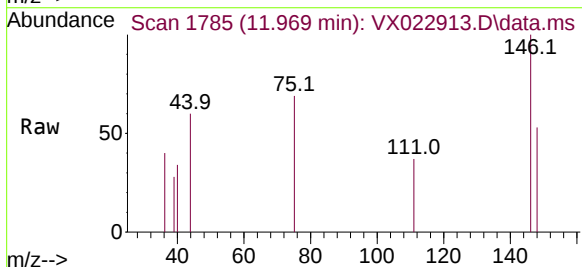
Instrument :
MSVOA_X
ClientSampled :

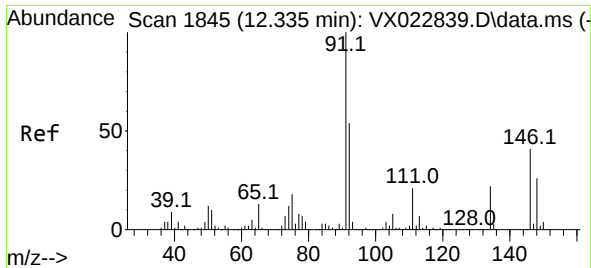
Tgt Ion: 75 Resp: 23580
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#87
1,3-Dichlorobenzene
Concen: 0.20 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Tgt Ion:146 Resp: 238
Ion Ratio Lower Upper
146 100
111 55.5 20.2 60.5
148 38.2 31.9 95.7

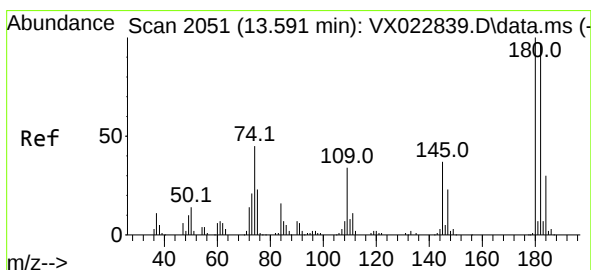
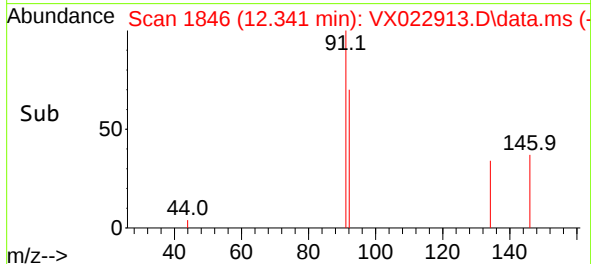
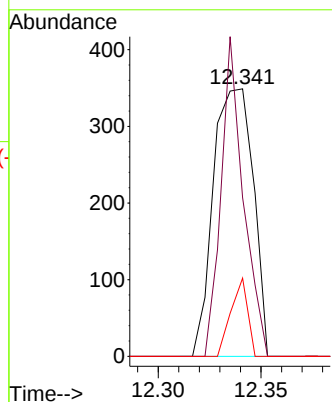
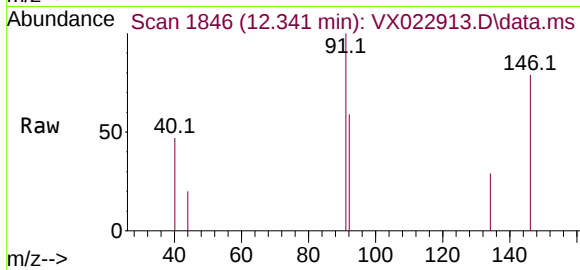




#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

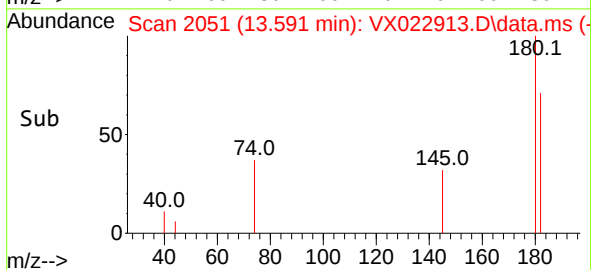
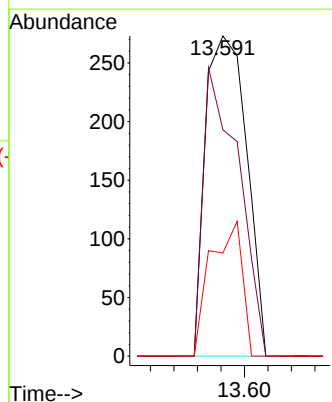
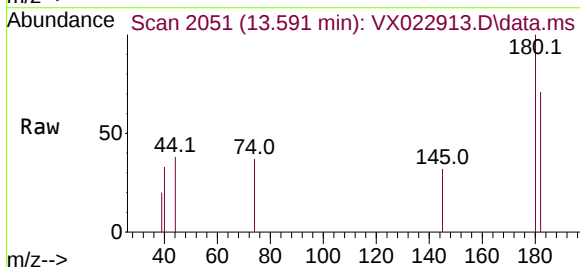
Instrument :
MSVOA_X
ClientSampled :

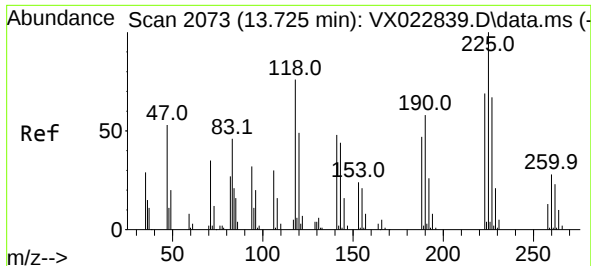
Tgt Ion: 91 Resp: 471
Ion Ratio Lower Upper
91 100
92 66.5 27.4 82.0
134 12.3 13.2 39.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.53 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

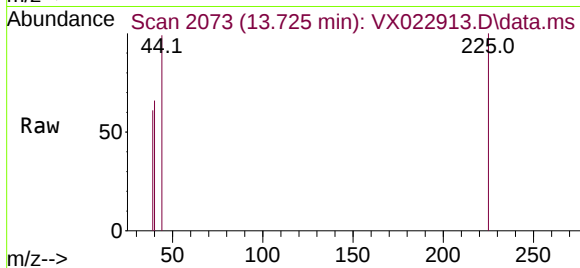
Tgt Ion:180 Resp: 332
Ion Ratio Lower Upper
180 100
182 77.7 47.7 143.1
145 32.2 15.0 45.0



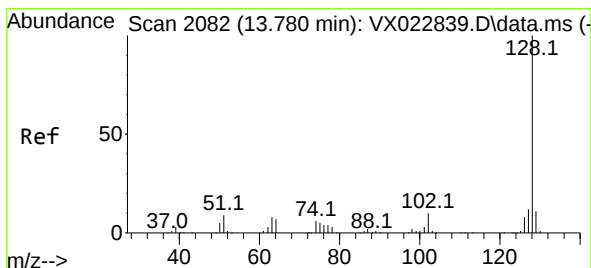
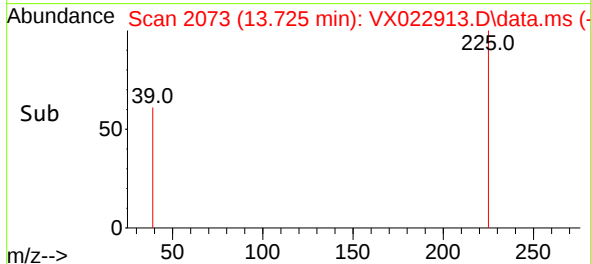
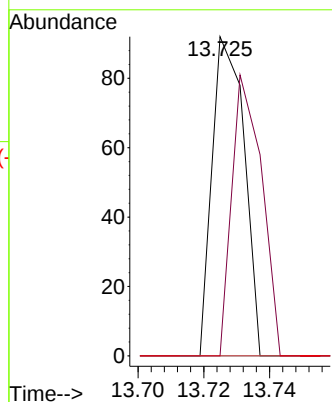


#94
Hexachlorobutadiene
Concen: 0.25 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Instrument :
MSVOA_X
ClientSampled :

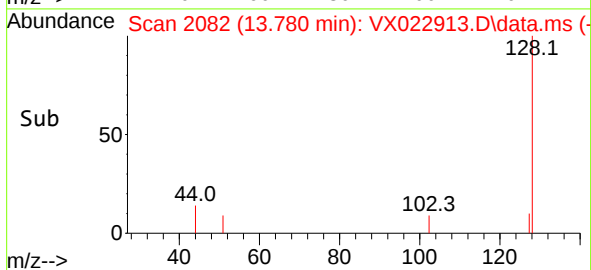
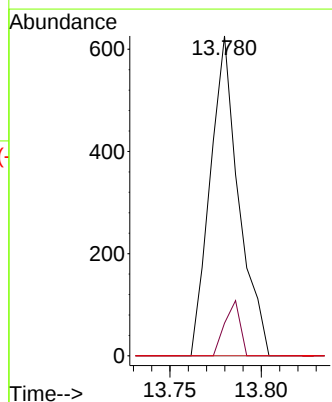
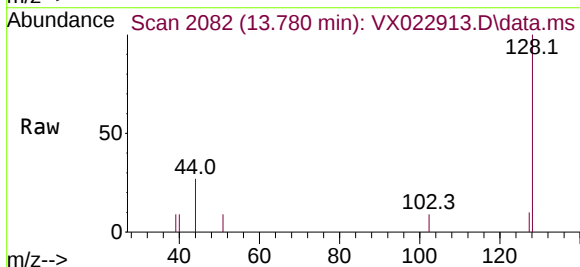


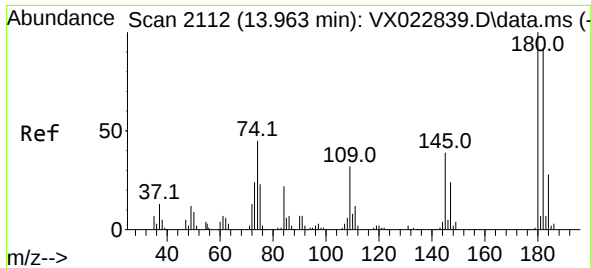
Tgt Ion:225 Resp: 62
Ion Ratio Lower Upper
225 100
223 82.3 31.1 93.2
227 0.0 31.6 95.0#



#95
Naphthalene
Concen: 2.16 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022913.D
Acq: 25 Jun 2021 11:15

Tgt Ion:128 Resp: 680
Ion Ratio Lower Upper
128 100
127 9.3 10.3 15.5#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.31 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX022913.D
 Acq: 25 Jun 2021 11:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180 Resp: 195
 Ion Ratio Lower Upper
 180 100
 182 79.5 47.6 142.9
 145 0.0 16.1 48.3#

