

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022430.D
 Acq On : 04 Jun 2021 22:30
 Operator : JC/MD
 Sample : VX0604WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 03:24:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

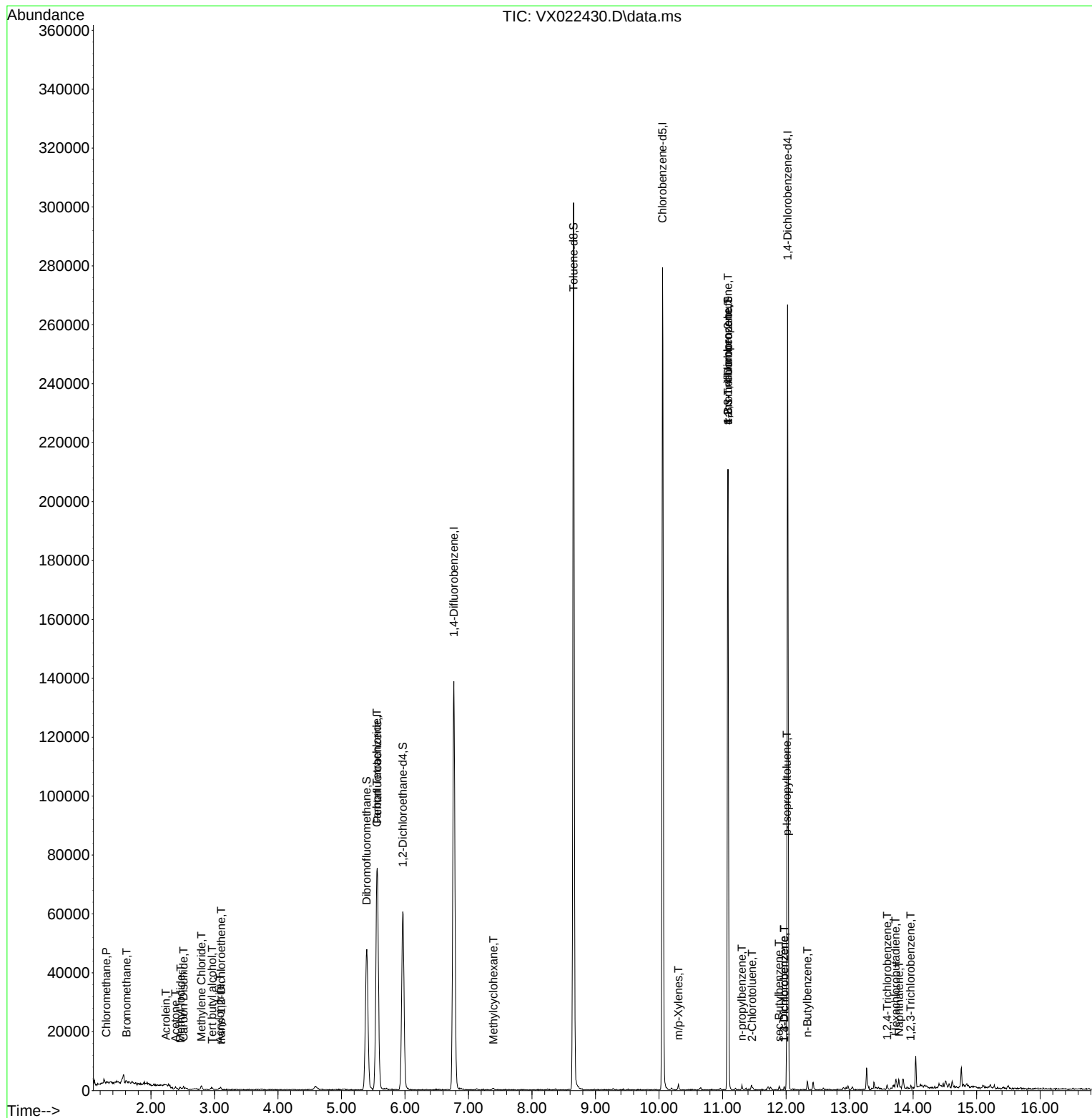
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	65902	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	138598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54549	53.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.320%	
35) Dibromofluoromethane	5.397	113	41683	47.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.860%	
50) Toluene-d8	8.653	98	168202	49.680	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	11.085	95	58036	46.376	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.760%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	261	0.302	ug/l	# 42
5) Bromomethane	1.617	94	376	0.705	ug/l	94
10) Methyl Iodide	2.465	142	744	0.887	ug/l	# 80
11) Tert butyl alcohol	2.965	59	437	1.879	ug/l	# 73
13) Acrolein	2.233	56	108	0.700	ug/l	# 1
15) Acrylonitrile	3.087	53	325	0.710	ug/l	# 85
16) Acetone	2.386	43	697	1.575	ug/l	88
17) Carbon Disulfide	2.514	76	1131	0.572	ug/l	100
20) Methylene Chloride	2.794	84	639	0.650	ug/l	# 82
21) trans-1,2-Dichloroethene	3.105	96	202	0.246	ug/l	# 31
38) Carbon Tetrachloride	5.556	117	7664	6.113	ug/l	# 14
39) Methylcyclohexane	7.391	83	319	0.219	ug/l	# 62
68) m/p-Xylenes	10.305	106	529	0.305	ug/l	79
76) 1,2,3-Trichloropropane	11.085	75	30708	26.340	ug/l	# 39
78) n-propylbenzene	11.305	91	1023	0.218	ug/l	83
79) 2-Chlorotoluene	11.463	91	600	0.211	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.085	75	30708	62.410	ug/l	# 12
85) sec-Butylbenzene	11.890	105	866	0.214	ug/l	87
86) p-Isopropyltoluene	12.012	119	694	0.203	ug/l	# 71
87) 1,3-Dichlorobenzene	11.969	146	386	0.236	ug/l	75
88) 1,4-Dichlorobenzene	11.969	146	386	0.228	ug/l	76
89) n-Butylbenzene	12.335	91	1049	0.332	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	394	0.416	ug/l	# 87
94) Hexachlorobutadiene	13.725	225	278	0.752	ug/l	# 67
95) Naphthalene	13.780	128	1217	0.329	ug/l	# 86
96) 1,2,3-Trichlorobenzene	13.963	180	303	0.317	ug/l	86

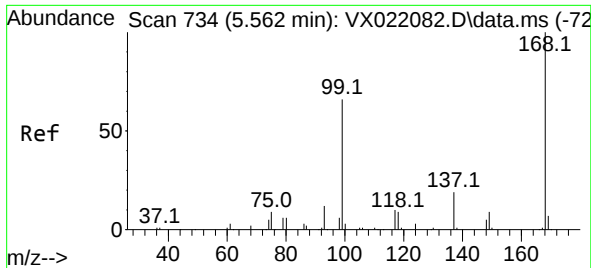
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
Data File : VX022430.D
Acq On : 04 Jun 2021 22:30
Operator : JC/MD
Sample : VX0604WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

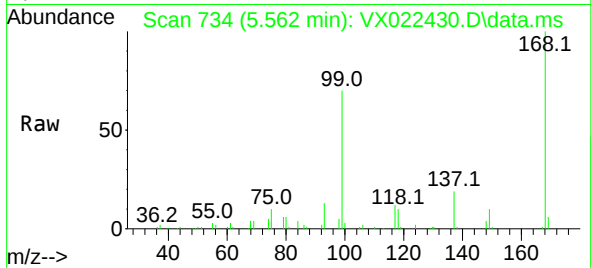
Quant Time: Jun 05 03:24:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



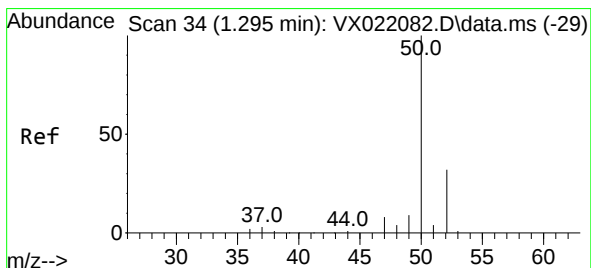
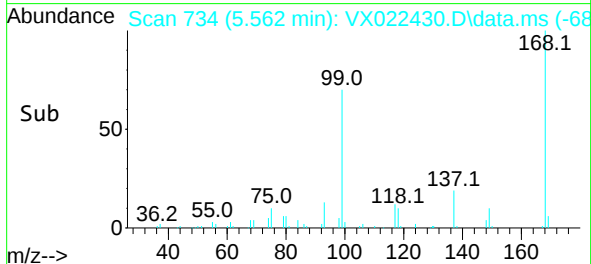
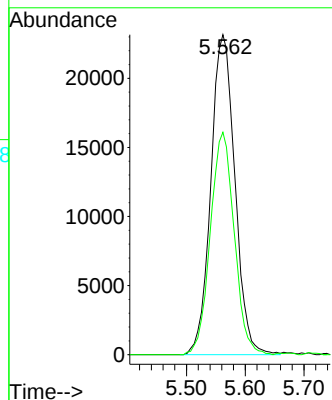


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Instrument :
MSVOA_X
ClientSampleId :

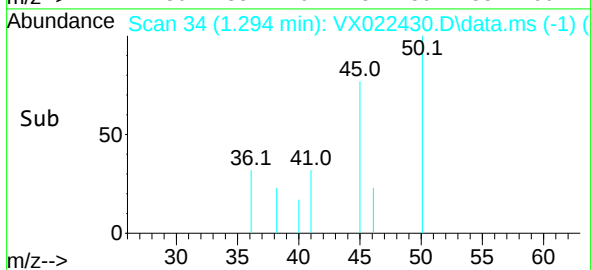
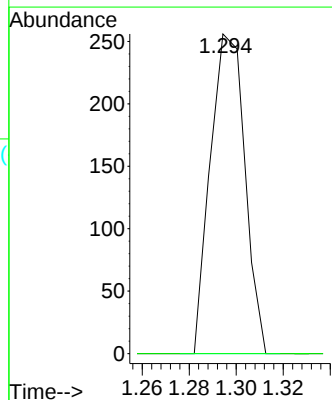
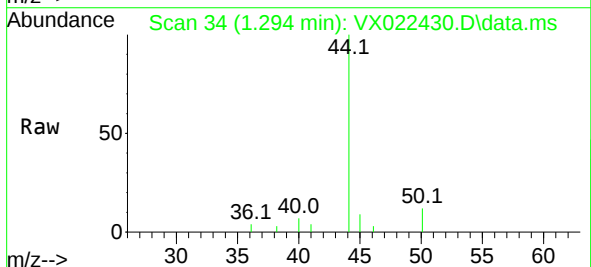


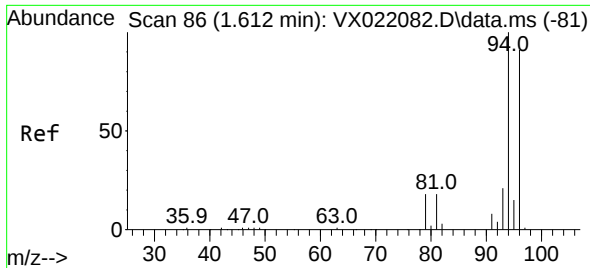
Tgt Ion:168 Resp: 65902
Ion Ratio Lower Upper
168 100
99 69.5 45.8 68.6#



#3
Chloromethane
Concen: 0.302 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion: 50 Resp: 261
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

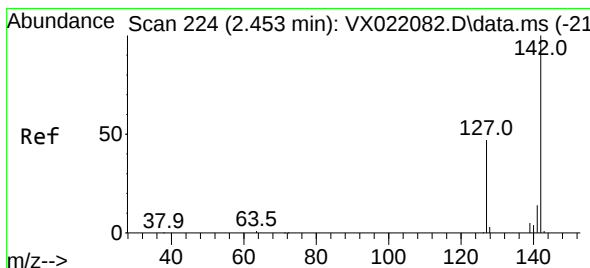
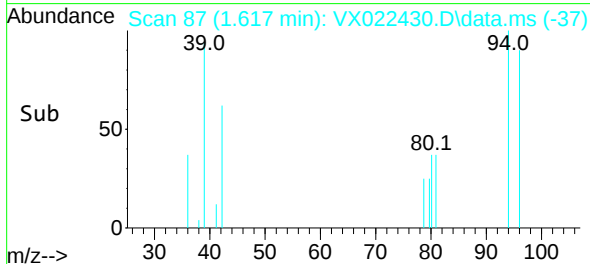
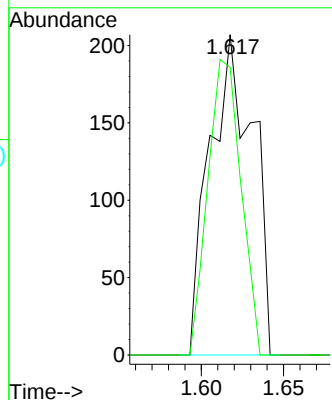
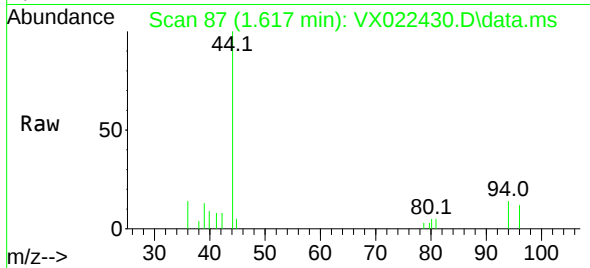




#5
Bromomethane
Concen: 0.705 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

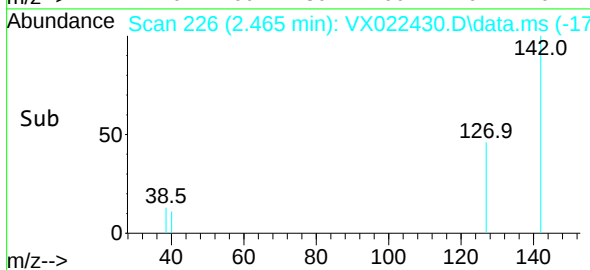
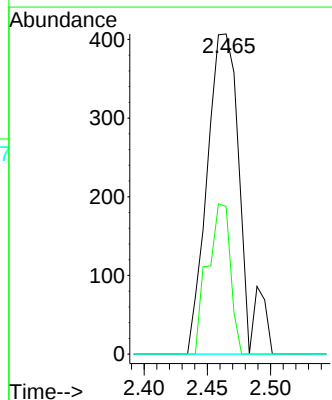
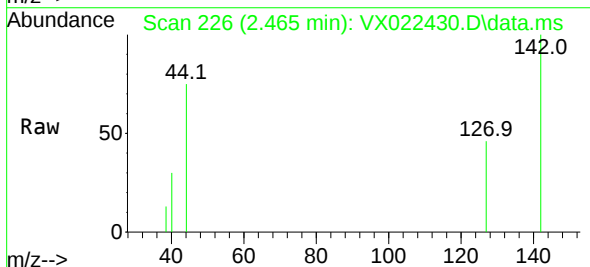
Instrument :
MSVOA_X
ClientSampled :

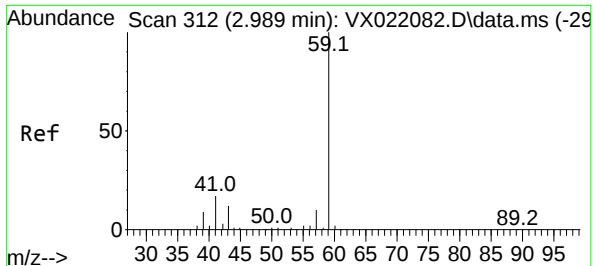
Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 89.9 76.4 114.6



#10
Methyl Iodide
Concen: 0.887 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion: 142 Resp: 744
Ion Ratio Lower Upper
142 100
127 32.3 33.3 49.9#
141 0.0 11.4 17.0#



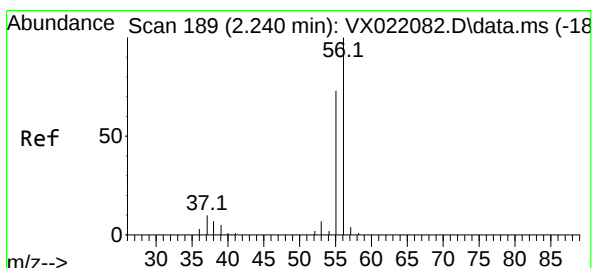
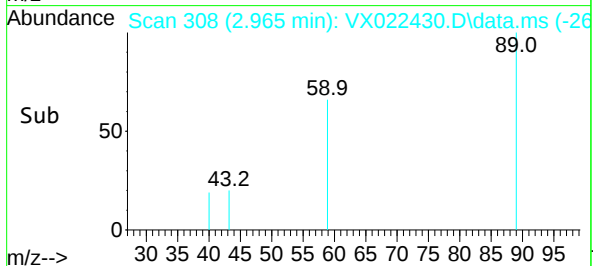
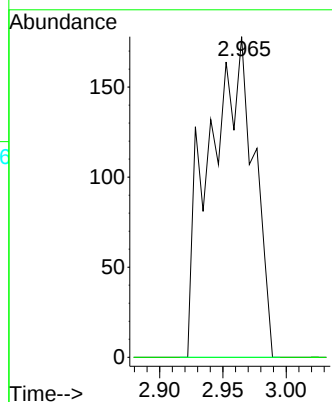
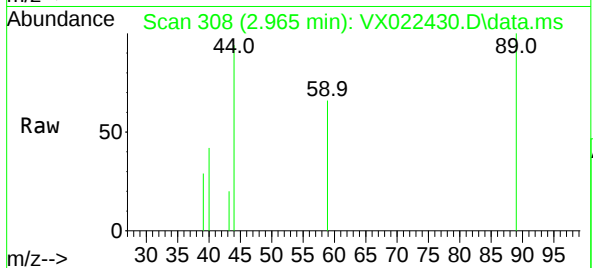


#11

Tert butyl alcohol
Concen: 1.879 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Instrument :
MSVOA_X
ClientSampleId :

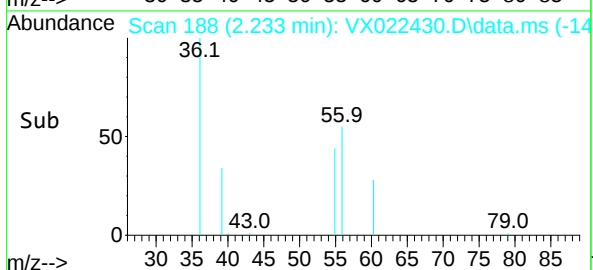
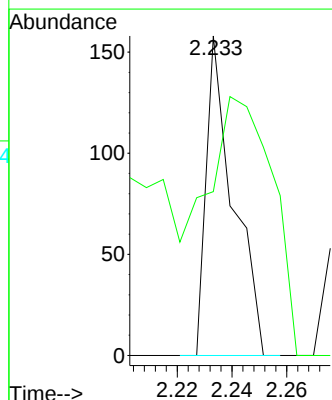
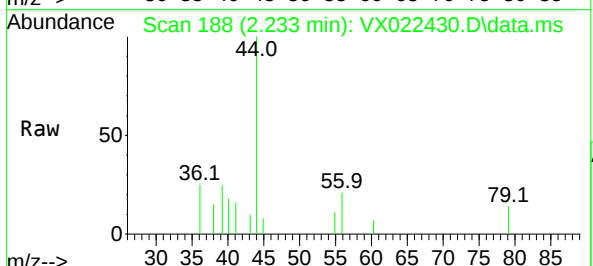
Tgt Ion: 59 Resp: 437
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

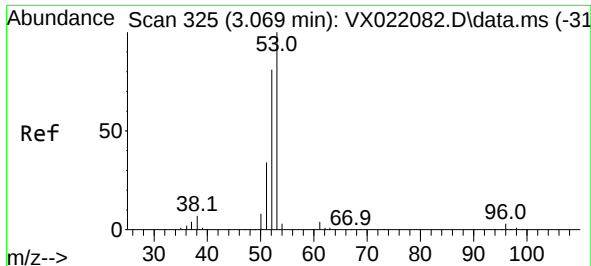


#13

Acrolein
Concen: 0.700 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 200.9 56.4 84.6#

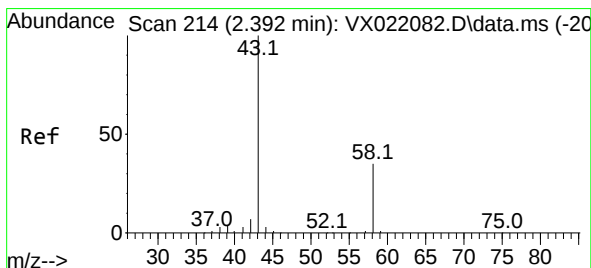
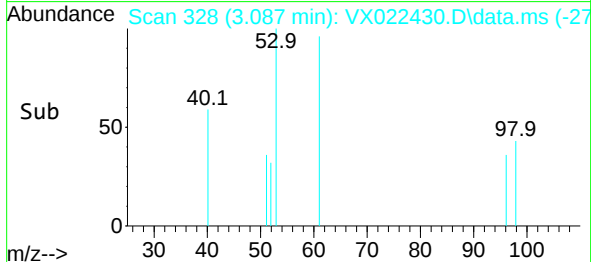
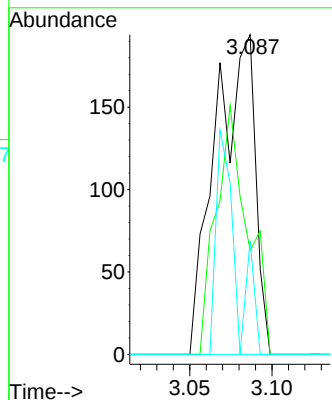
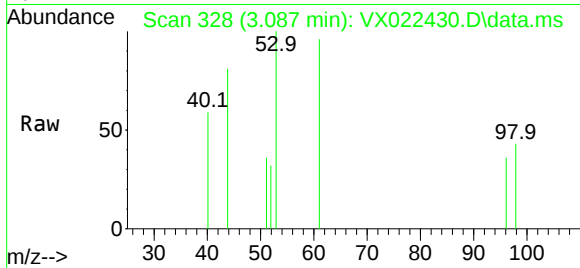




#15
Acrylonitrile
Concen: 0.710 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.018 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

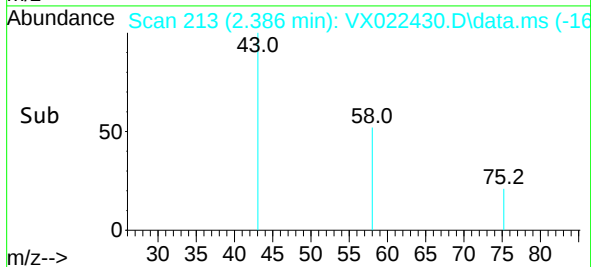
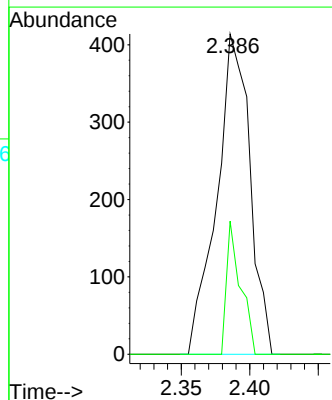
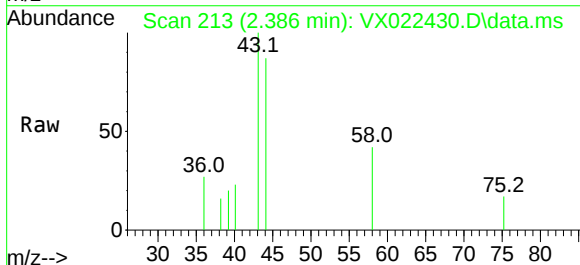
Instrument :
MSVOA_X
ClientSampleId :

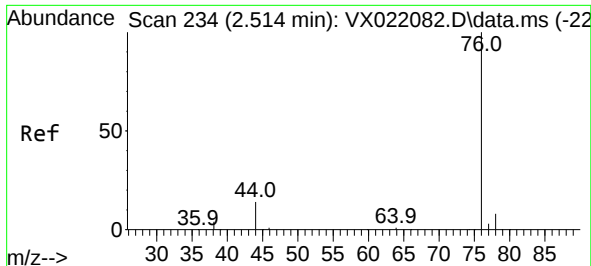
Tgt Ion: 53 Resp: 325
Ion Ratio Lower Upper
53 100
52 62.2 65.3 97.9#
51 34.8 28.2 42.2



#16
Acetone
Concen: 1.575 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

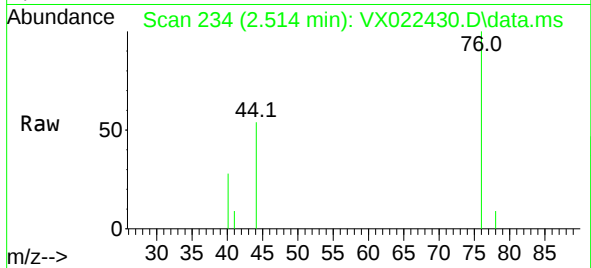
Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
58 41.5 27.8 41.8



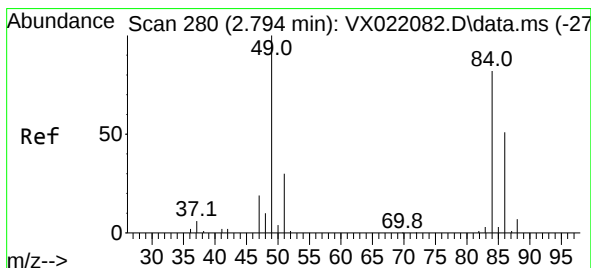
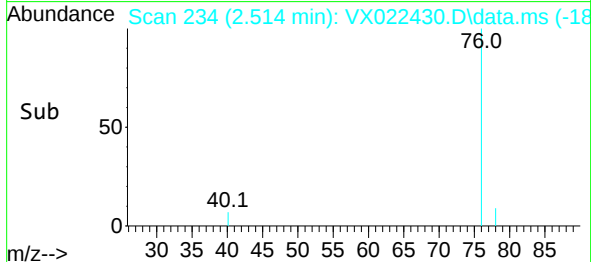
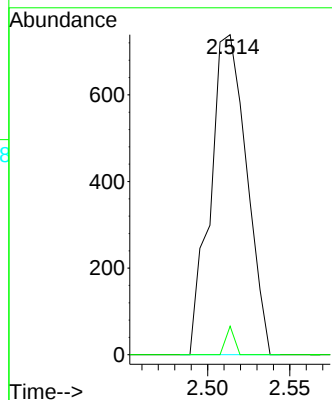


#17
Carbon Disulfide
Concen: 0.572 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Instrument :
MSVOA_X
ClientSampled :

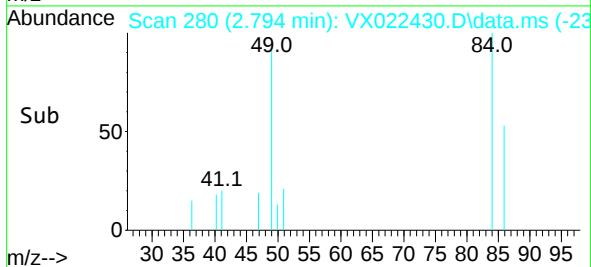
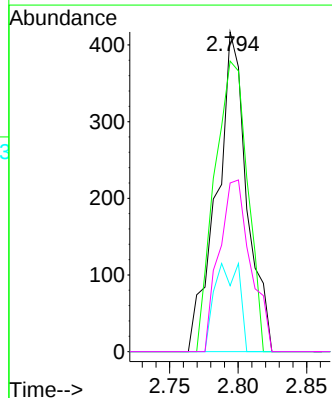
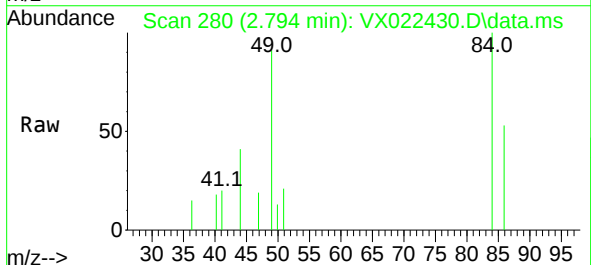


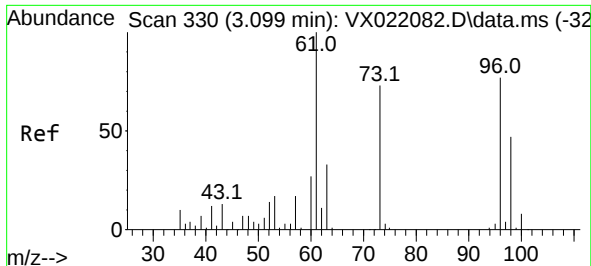
Tgt Ion: 76 Resp: 1131
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#20
Methylene Chloride
Concen: 0.650 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion: 84 Resp: 639
Ion Ratio Lower Upper
84 100
49 90.9 88.6 132.8
51 20.6 27.0 40.6#
86 52.8 50.3 75.5

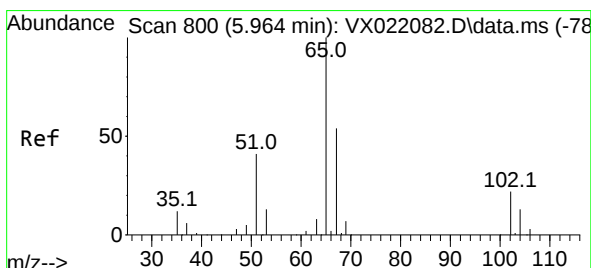
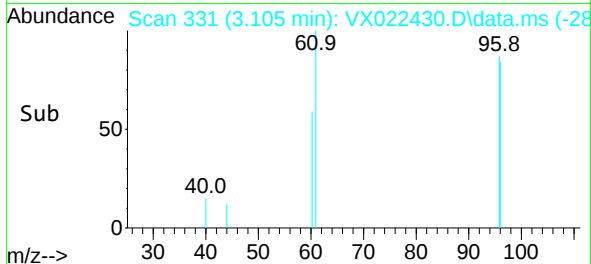
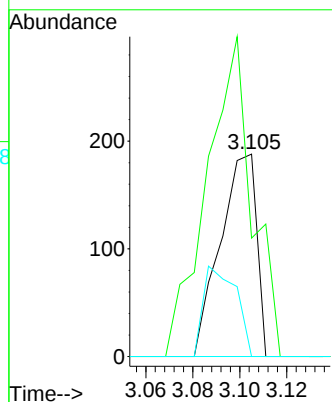
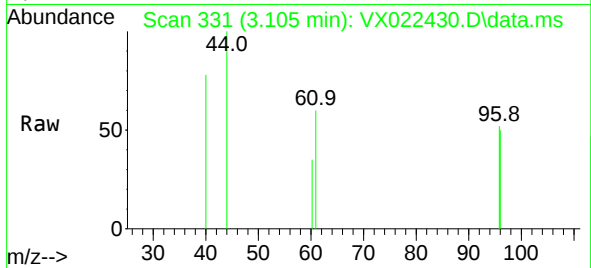




#21
trans-1,2-Dichloroethene
Concen: 0.246 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

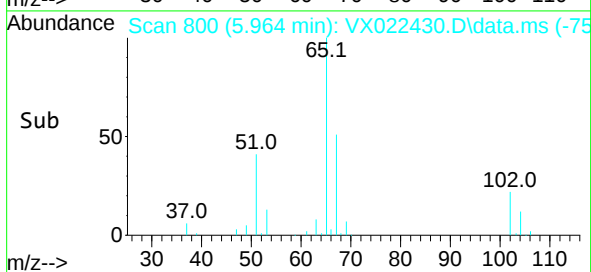
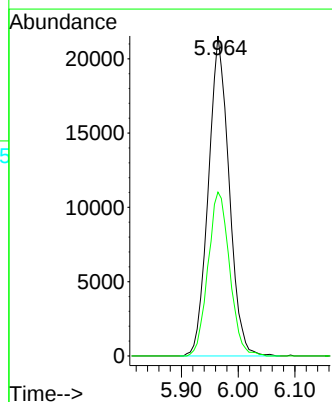
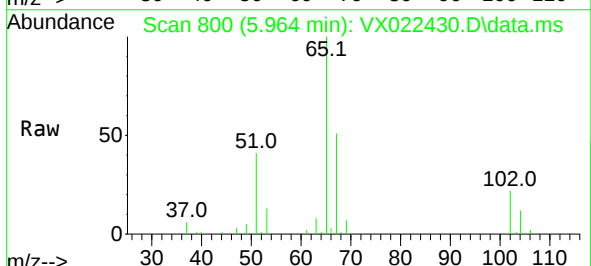
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MSVOA_X
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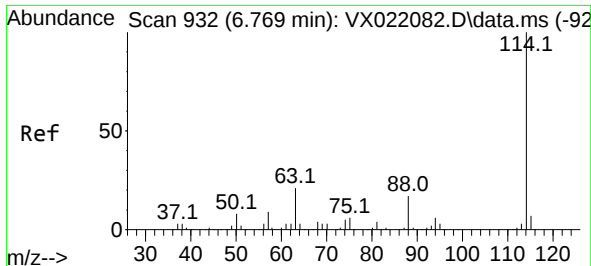
Tgt Ion: 96 Resp: 202
Ion Ratio Lower Upper
96 100
61 58.5 107.7 161.5#
98 0.0 50.4 75.6#



#33
1,2-Dichloroethane-d4
Concen: 53.659 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion: 65 Resp: 54549
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

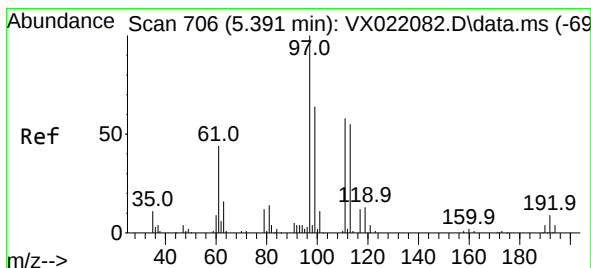
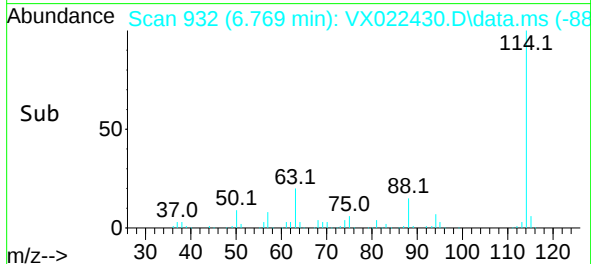
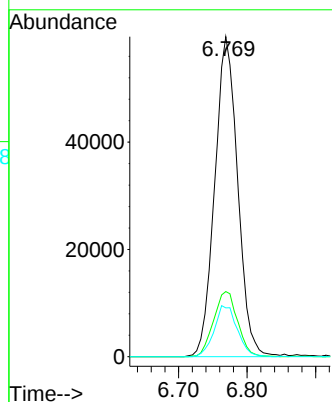
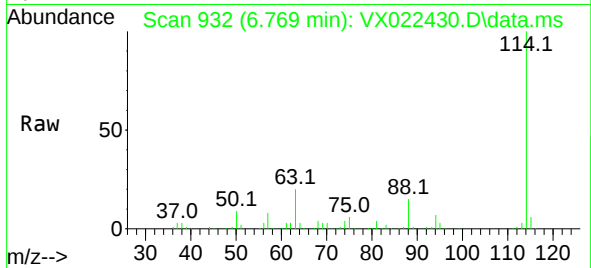




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

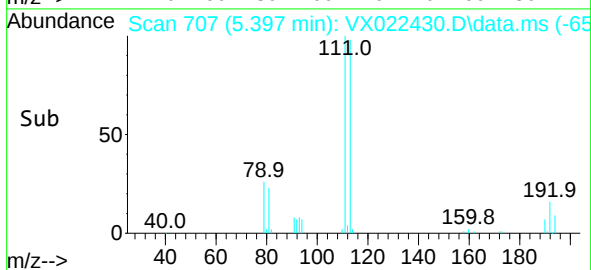
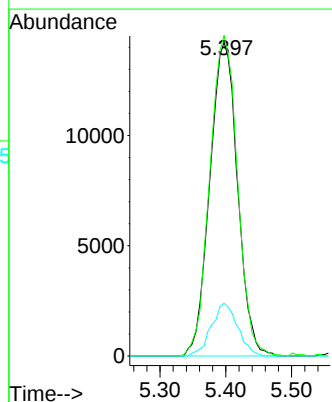
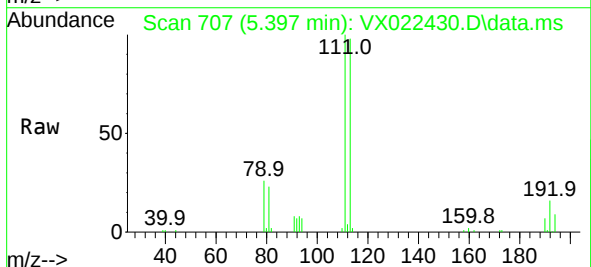
Instrument :
MSVOA_X
ClientSampleId :

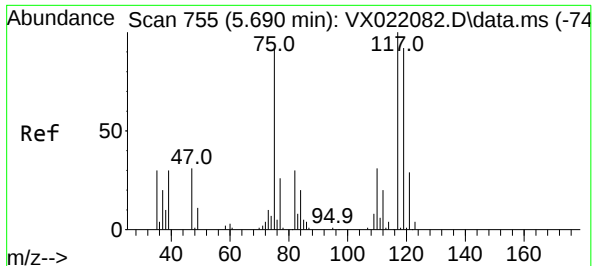
Tgt Ion:114 Resp: 138598
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.425 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

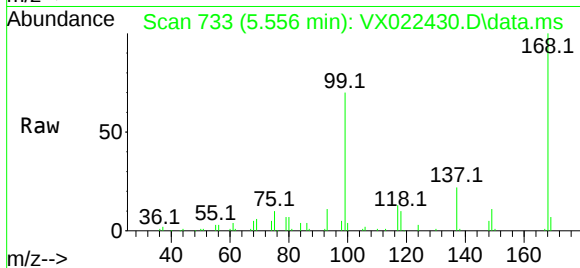
Tgt Ion:113 Resp: 41683
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 16.0 16.7 25.1#



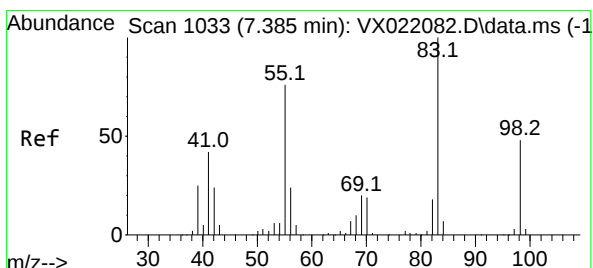
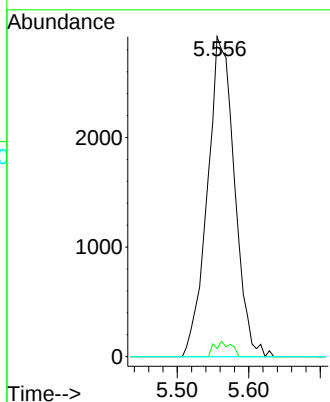
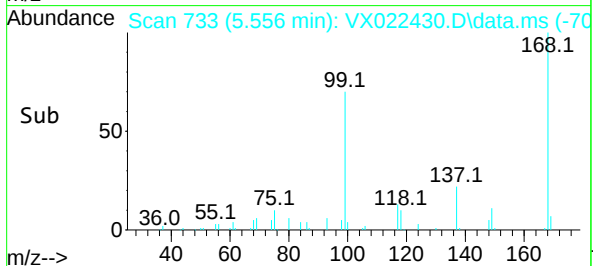


#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

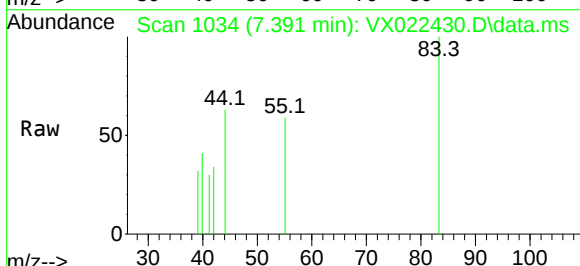
Instrument :
MSVOA_X
ClientSampleId :



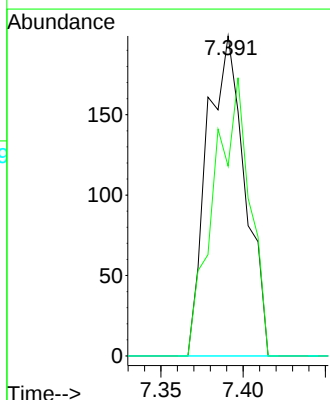
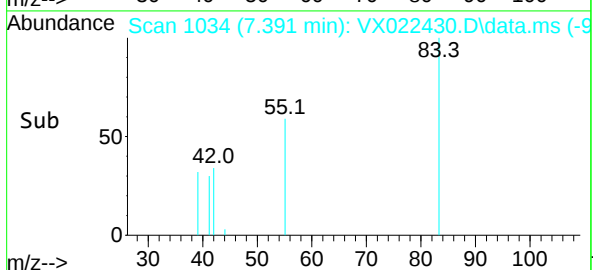
Tgt Ion:117 Resp: 7664
Ion Ratio Lower Upper
117 100
119 2.5 76.2 114.2#
121 0.0 24.8 37.2#

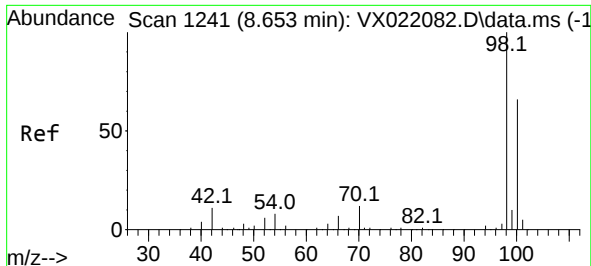


#39
Methylcyclohexane
Concen: 0.219 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30



Tgt Ion: 83 Resp: 319
Ion Ratio Lower Upper
83 100
55 59.3 58.9 88.3
98 0.0 38.1 57.1#

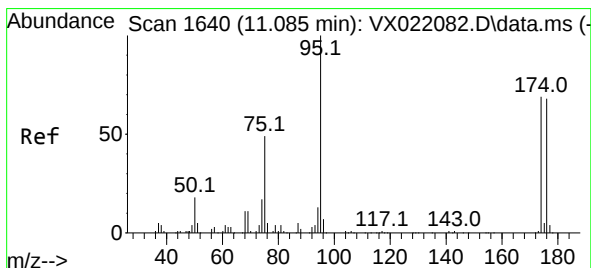
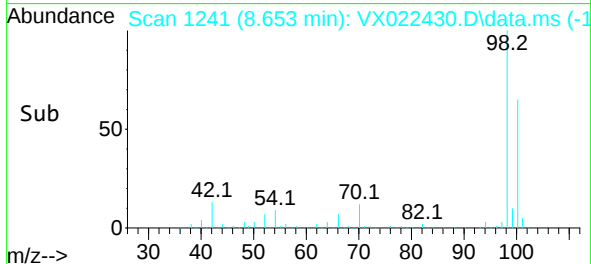
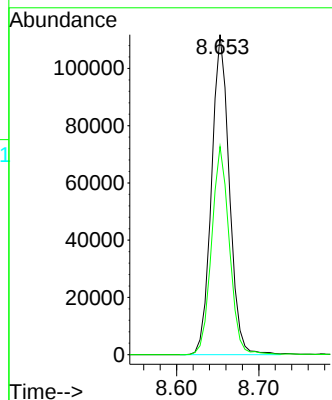
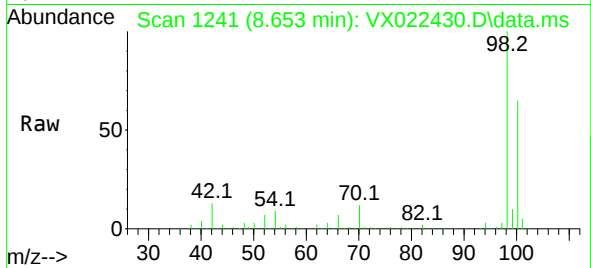




#50
Toluene-d8
Concen: 49.680 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

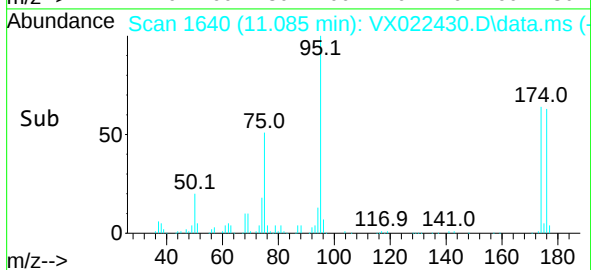
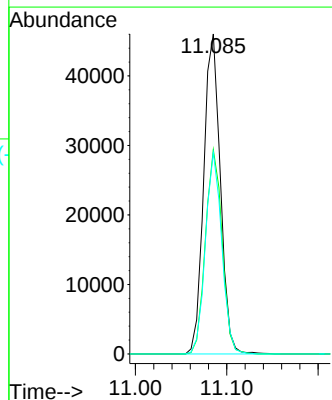
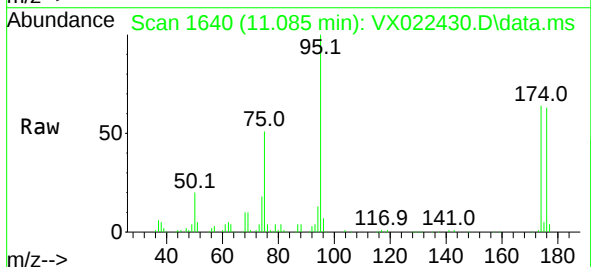
Instrument :
MSVOA_X
ClientSampled :

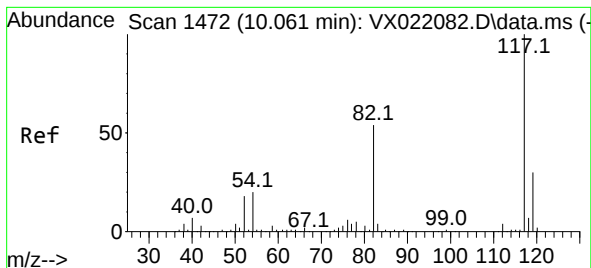
Tgt Ion: 98 Resp: 168202
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.376 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion: 95 Resp: 58036
Ion Ratio Lower Upper
95 100
174 64.1 0.0 154.6
176 61.8 0.0 155.8

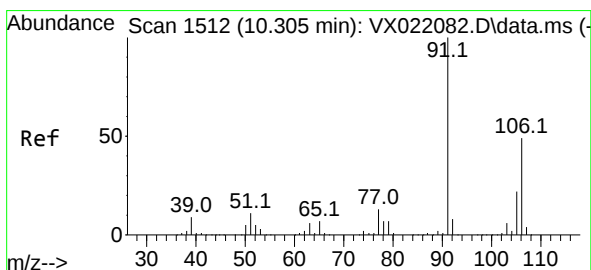
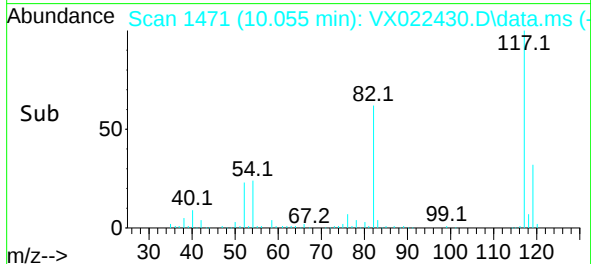
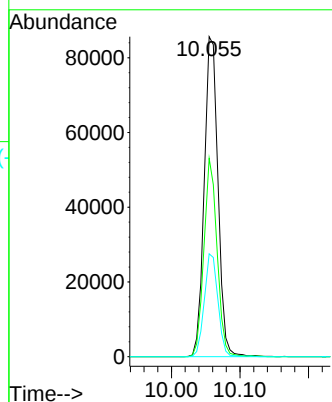
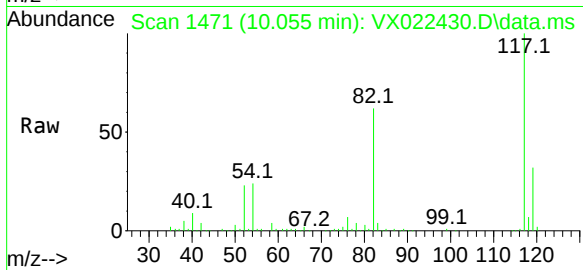




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

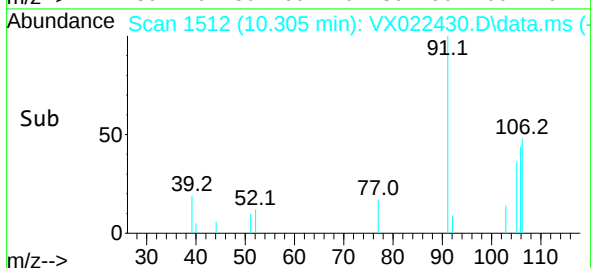
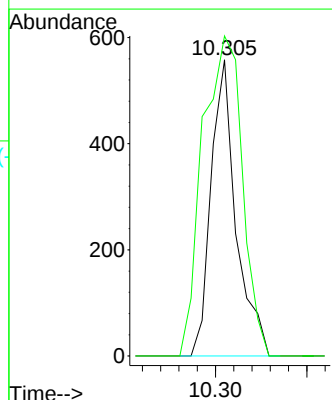
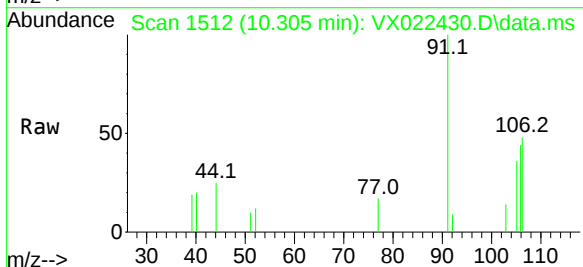
Instrument :
MSVOA_X
ClientSampleId :

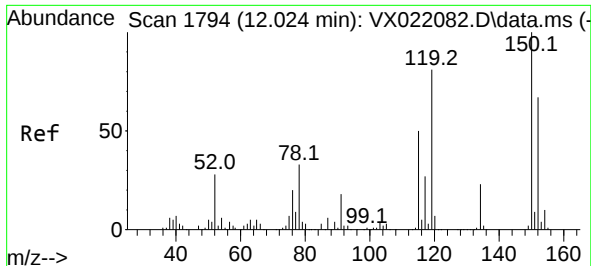
Tgt Ion:117 Resp: 119886
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 32.2 26.6 39.8



#68
m/p-Xylenes
Concen: 0.305 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion:106 Resp: 529
Ion Ratio Lower Upper
106 100
91 172.0 162.8 244.2

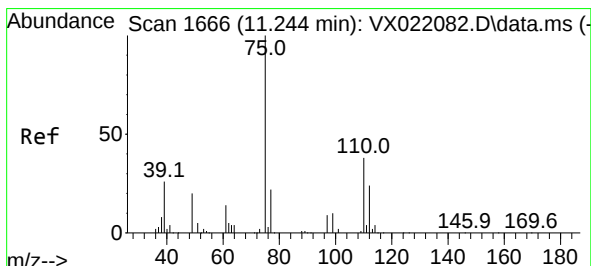
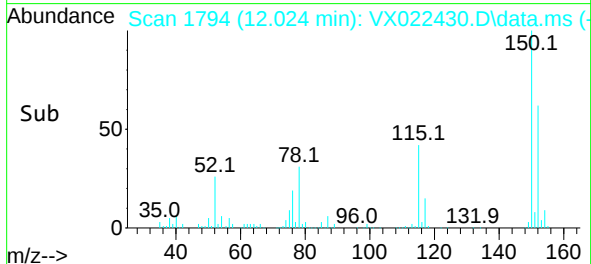
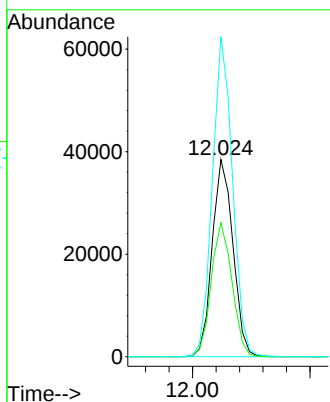
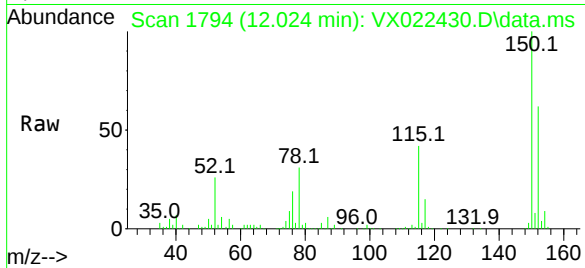




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

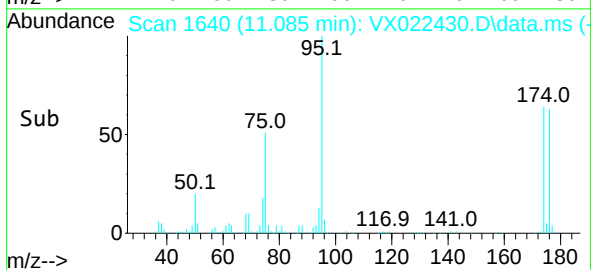
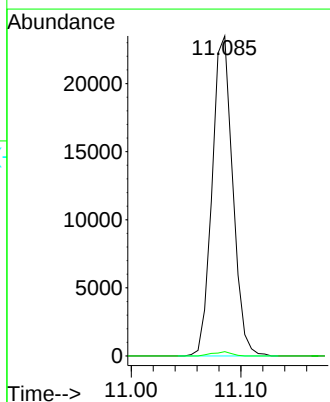
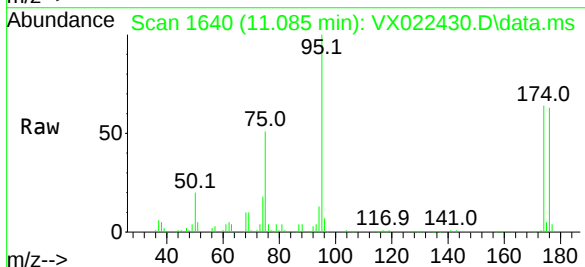
Instrument :
MSVOA_X
ClientSampled :

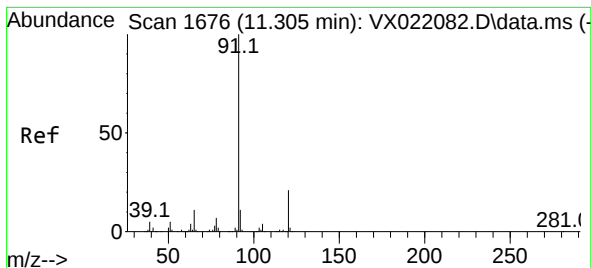
Tgt Ion:152 Resp: 47256
Ion Ratio Lower Upper
152 100
115 68.1 41.1 123.3
150 157.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.340 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion: 75 Resp: 30708
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

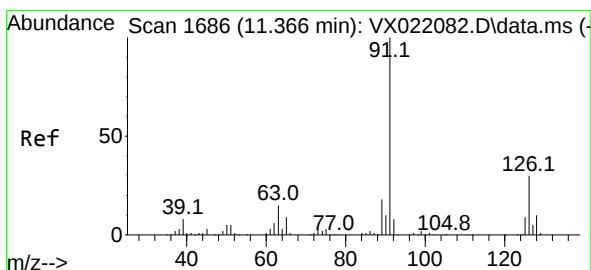
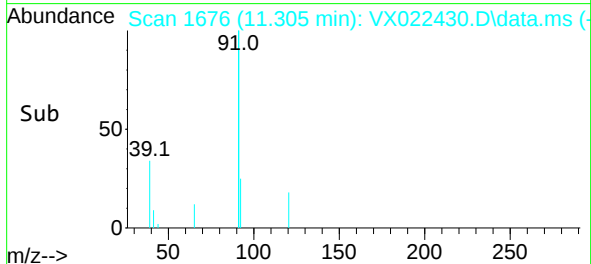
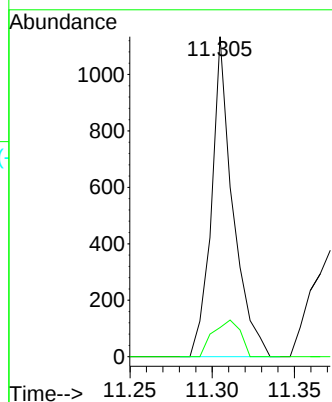
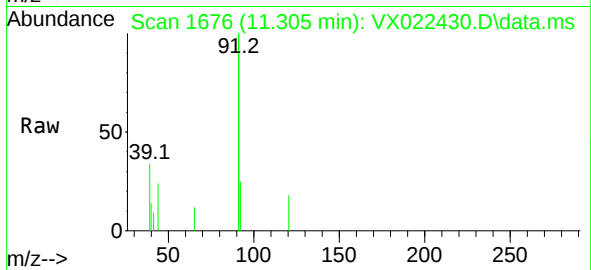




#78
n-propylbenzene
Concen: 0.218 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

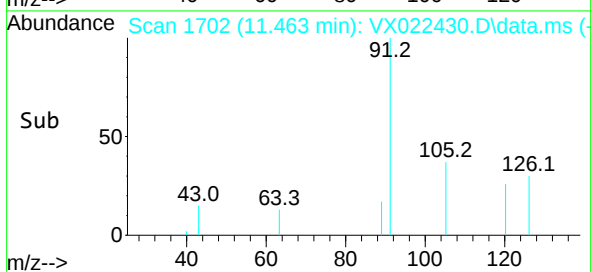
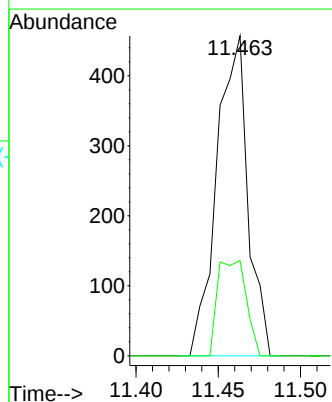
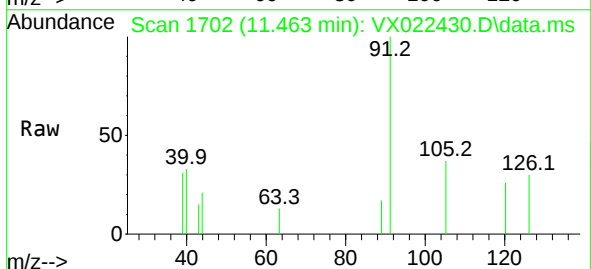
Instrument :
MSVOA_X
ClientSampled :

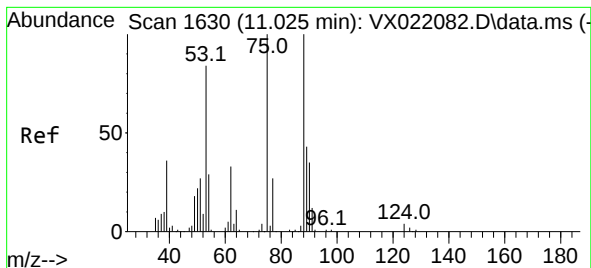
Tgt Ion: 91 Resp: 1023
Ion Ratio Lower Upper
91 100
120 14.6 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.211 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.097 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion: 91 Resp: 600
Ion Ratio Lower Upper
91 100
126 27.5 16.6 49.8

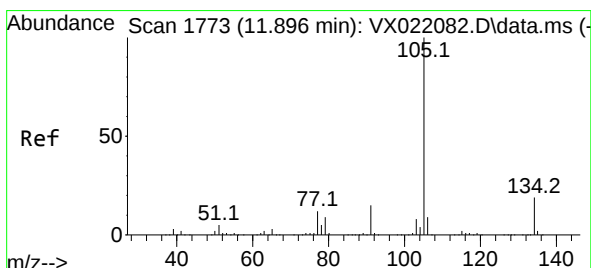
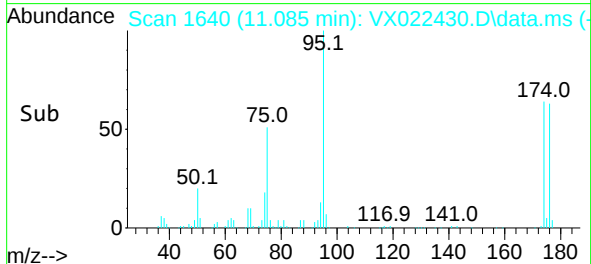
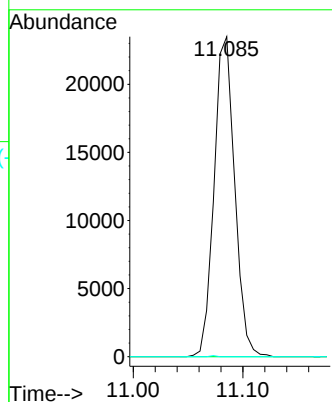
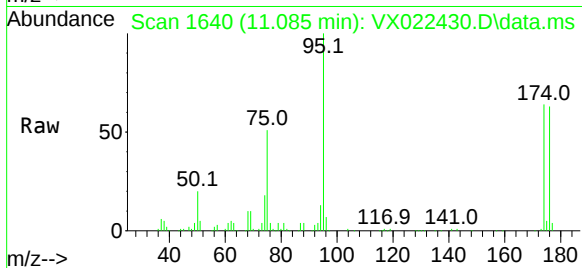




#81
trans-1,4-Dichloro-2-butene
Concen: 62.410 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

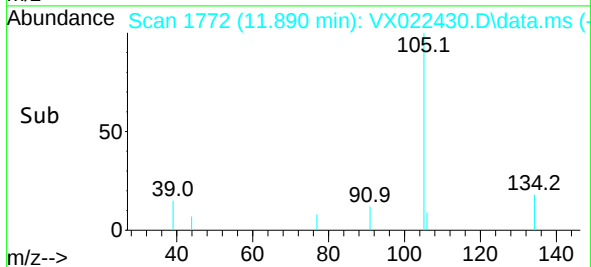
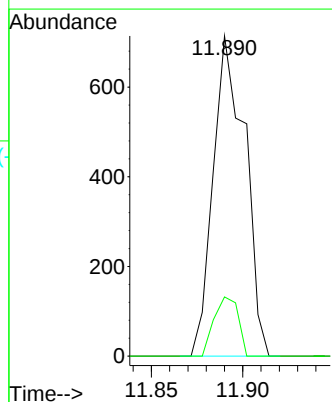
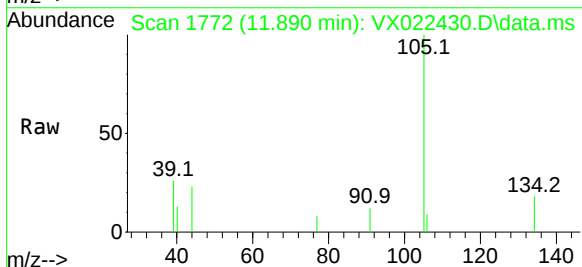
Instrument :
MSVOA_X
ClientSampleId :

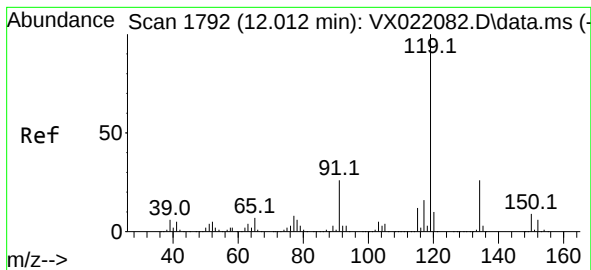
Tgt Ion: 75 Resp: 30708
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#85
sec-Butylbenzene
Concen: 0.214 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion: 105 Resp: 866
Ion Ratio Lower Upper
105 100
134 14.0 10.0 29.8

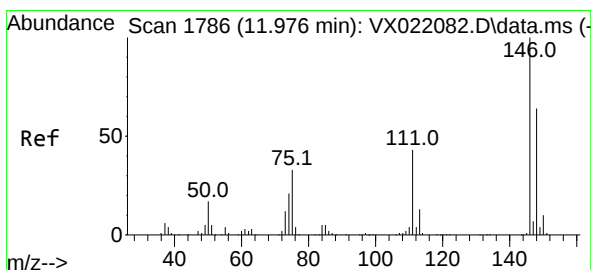
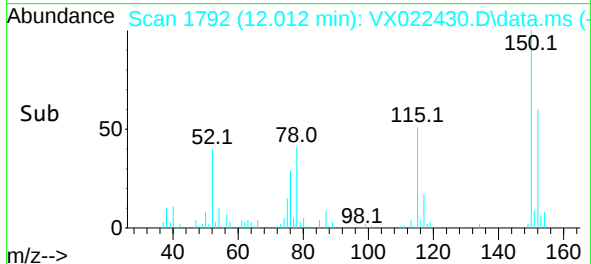
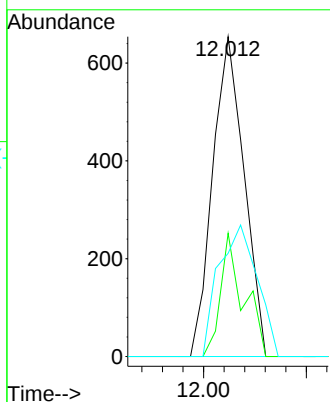
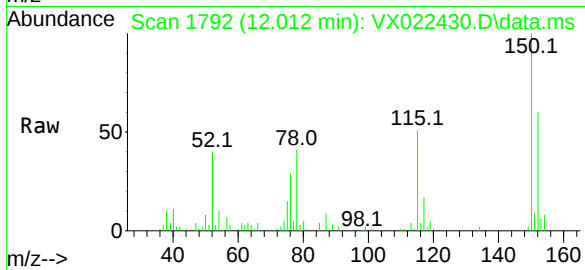




#86
 p-Isopropyltoluene
 Concen: 0.203 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX022430.D
 Acq: 04 Jun 2021 22:30

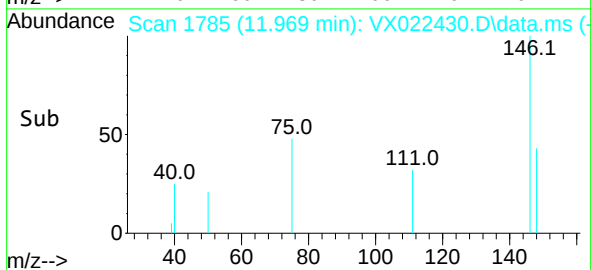
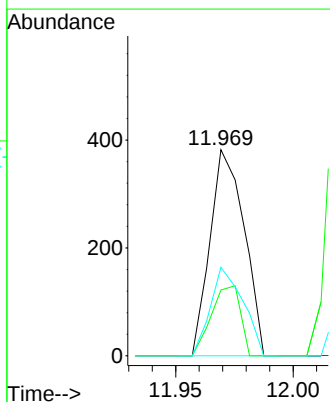
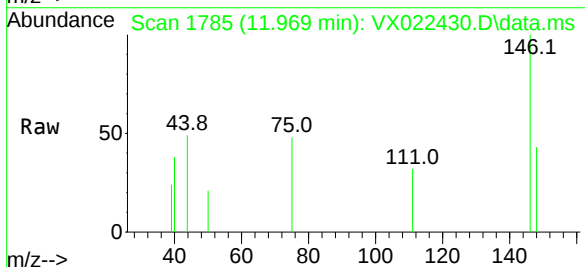
Instrument :
 MSVOA_X
 ClientSampleId :

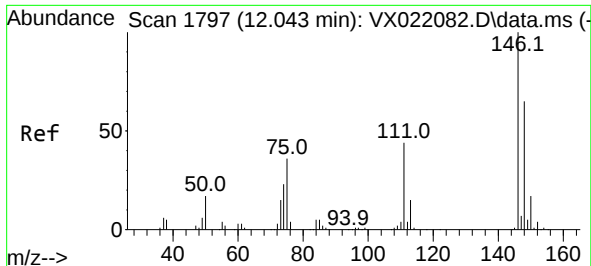
Tgt Ion:119 Resp: 694
 Ion Ratio Lower Upper
 119 100
 134 28.1 12.9 38.7
 91 50.3 11.7 35.0#



#87
 1,3-Dichlorobenzene
 Concen: 0.236 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.007 min
 Lab File: VX022430.D
 Acq: 04 Jun 2021 22:30

Tgt Ion:146 Resp: 386
 Ion Ratio Lower Upper
 146 100
 111 28.8 20.2 60.5
 148 41.2 31.9 95.7

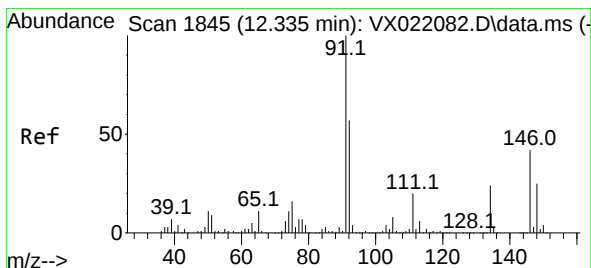
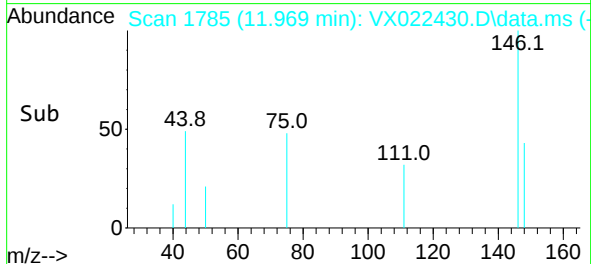
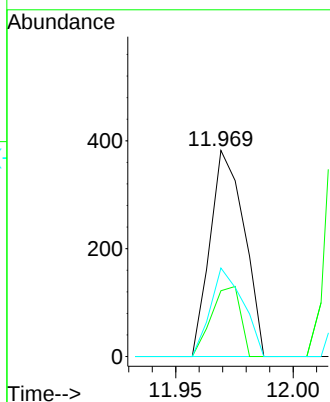
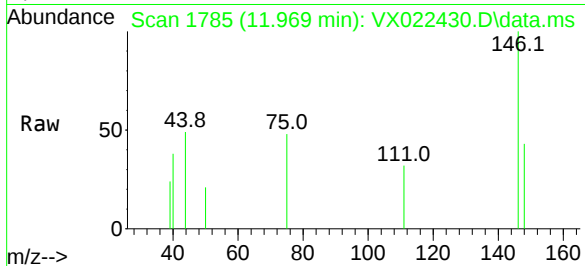




#88
1,4-Dichlorobenzene
Concen: 0.228 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.074 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

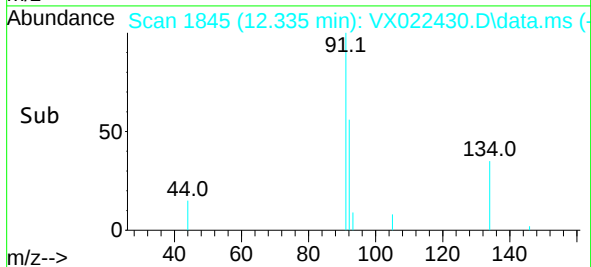
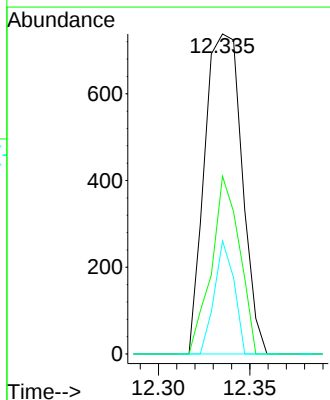
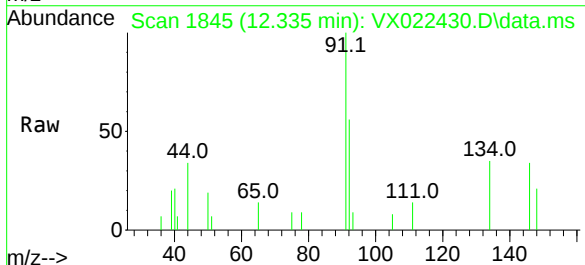
Instrument :
MSVOA_X
ClientSampleId :

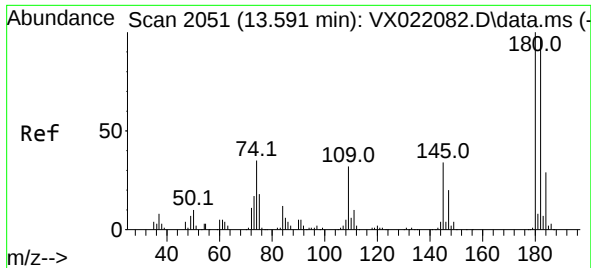
Tgt Ion:146 Resp: 386
Ion Ratio Lower Upper
146 100
111 28.8 19.6 58.8
148 41.2 31.6 95.0



#89
n-Butylbenzene
Concen: 0.332 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

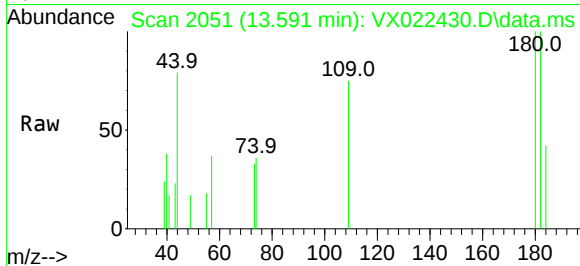
Tgt Ion: 91 Resp: 1049
Ion Ratio Lower Upper
91 100
92 41.7 27.4 82.0
134 18.6 13.2 39.5



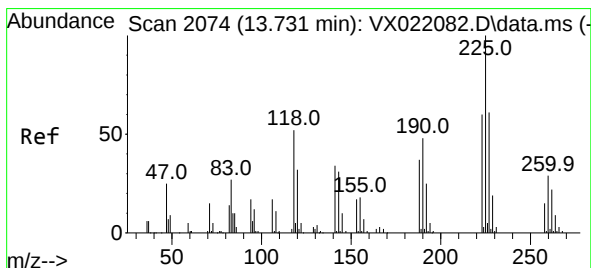
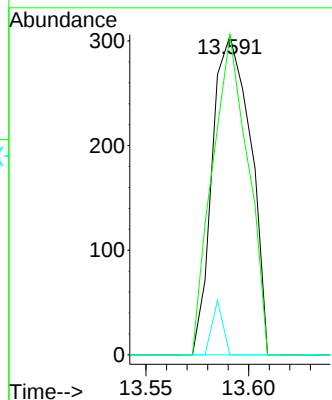
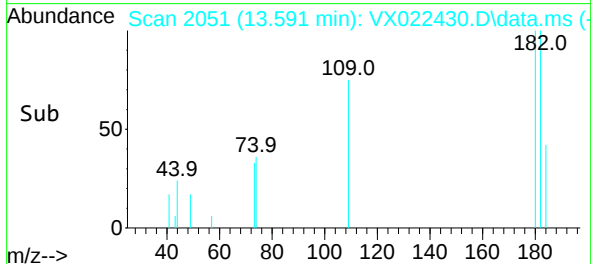


#93
1,2,4-Trichlorobenzene
Concen: 0.416 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

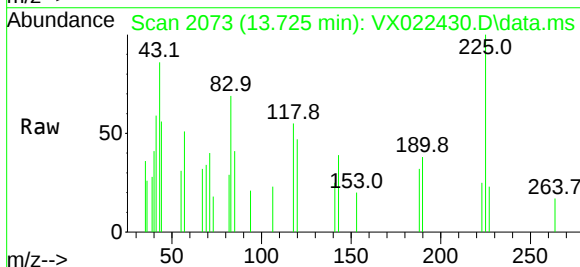
Instrument :
MSVOA_X
ClientSampled :



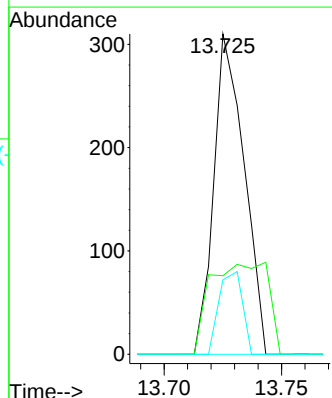
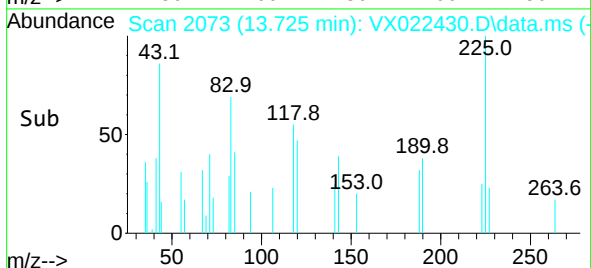
Tgt Ion:180 Resp: 394
Ion Ratio Lower Upper
180 100
182 93.4 47.7 143.1
145 4.8 15.0 45.0#

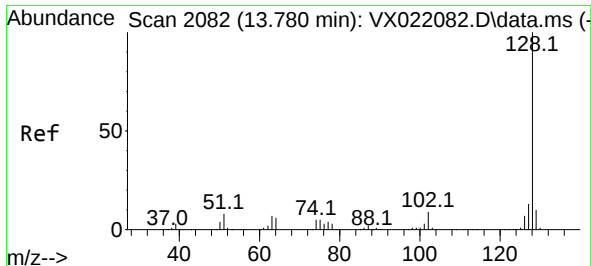


#94
Hexachlorobutadiene
Concen: 0.752 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30



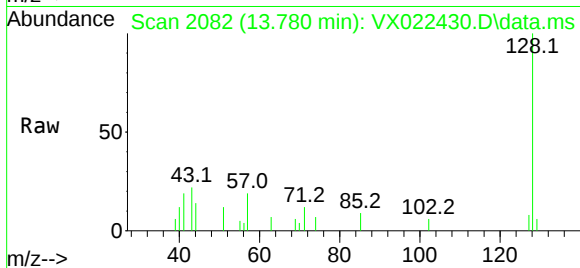
Tgt Ion:225 Resp: 278
Ion Ratio Lower Upper
225 100
223 54.3 31.1 93.2
227 20.1 31.6 95.0#



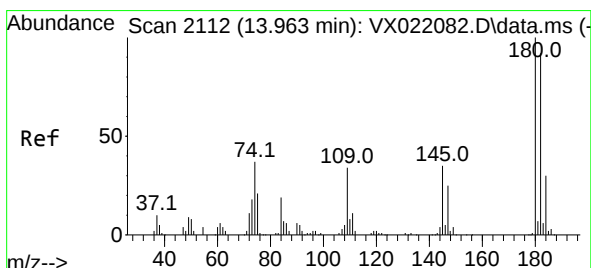
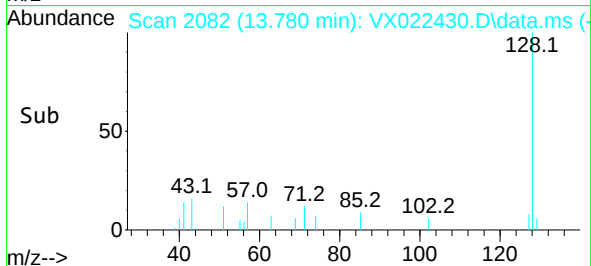
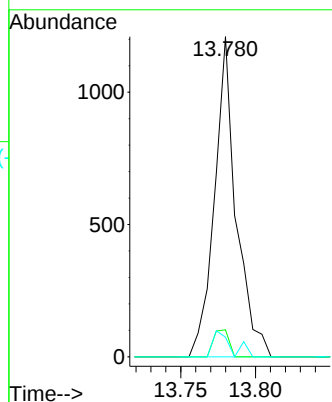


#95
Naphthalene
Concen: 0.329 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1217
Ion Ratio Lower Upper
128 100
127 6.0 10.3 15.5#
129 6.9 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.317 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX022430.D
Acq: 04 Jun 2021 22:30

Tgt Ion:180 Resp: 303
Ion Ratio Lower Upper
180 100
182 112.2 47.6 142.9
145 29.7 16.1 48.3

