

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023023.D
 Acq On : 30 Jun 2021 10:55
 Operator : JC/MD
 Sample : VX0630MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:24:42 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)

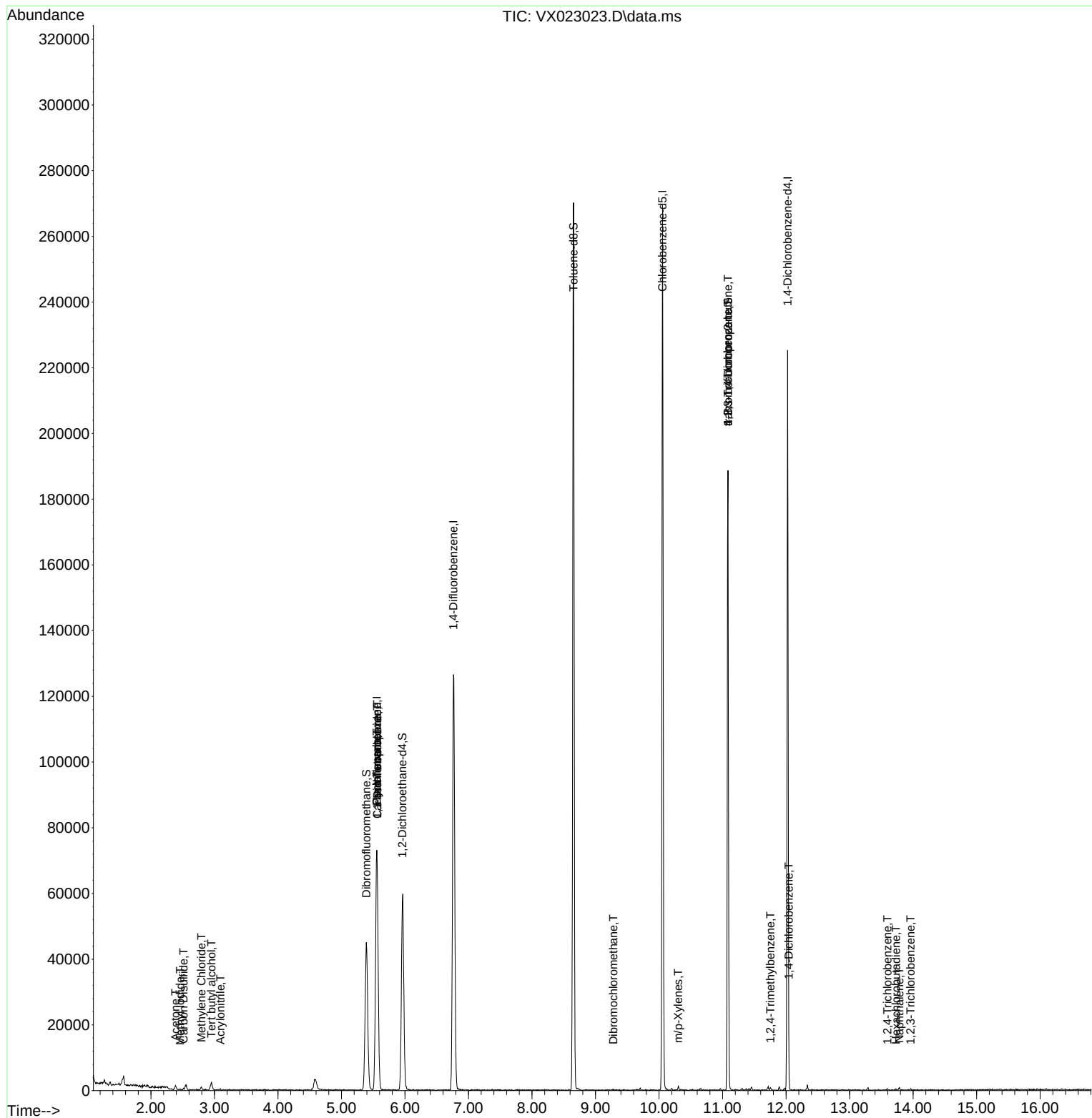
Internal Standards						
1) Pentafluorobenzene	5.556	168	59476	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53653	49.708	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.420%		
35) Dibromofluoromethane	5.391	113	38060	49.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.653	98	148159	49.037	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.085	95	49818	44.181	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.360%		
Target Compounds						Qvalue
10) Methyl Iodide	2.459	142	159	4.037	ug/l #	42
11) Tert butyl alcohol	2.953	59	1472	6.544	ug/l #	73
15) Acrylonitrile	3.093	53	190	0.369	ug/l #	18
16) Acetone	2.386	43	1274	2.662	ug/l #	82
17) Carbon Disulfide	2.514	76	423	3.703	ug/l #	75
20) Methylene Chloride	2.794	84	386	0.776	ug/l #	88
31) Cyclohexane	5.556	56	2109	1.384	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6750	5.235	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7111	6.575	ug/l #	18
60) Dibromochloromethane	9.281	129	23	3.674	ug/l #	11
68) m/p-Xylenes	10.299	106	308	0.203	ug/l	74
76) 1,2,3-Trichloropropane	11.085	75	27957	27.991	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27957	72.271	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	563	0.213	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	275	0.205	ug/l #	70
93) 1,2,4-Trichlorobenzene	13.597	180	208	0.299	ug/l #	53
94) Hexachlorobutadiene	13.731	225	68	0.250	ug/l #	19
95) Naphthalene	13.786	128	737	2.152	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	207	0.296	ug/l #	56

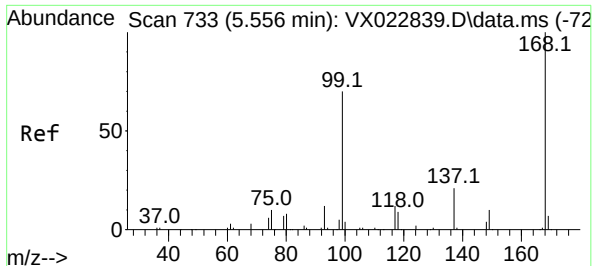
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 01 03:24:42 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

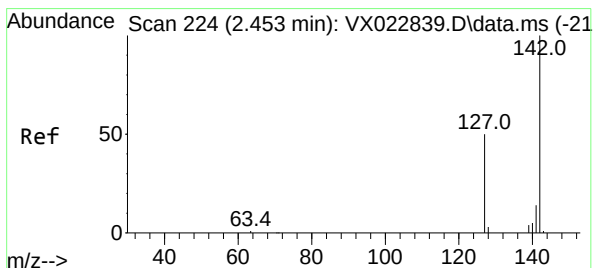
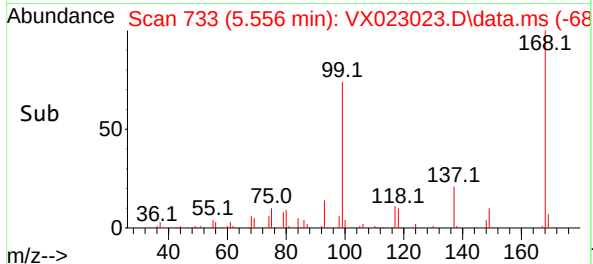
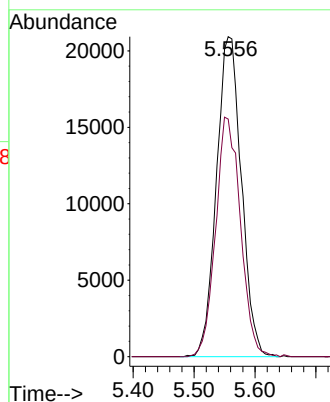
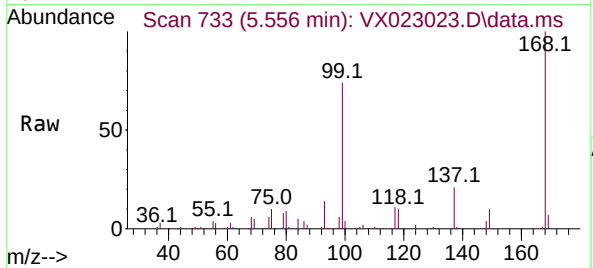




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

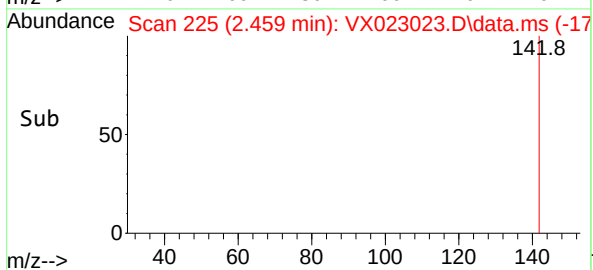
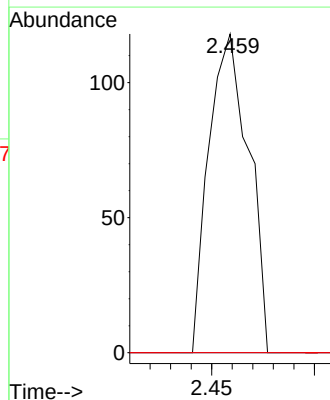
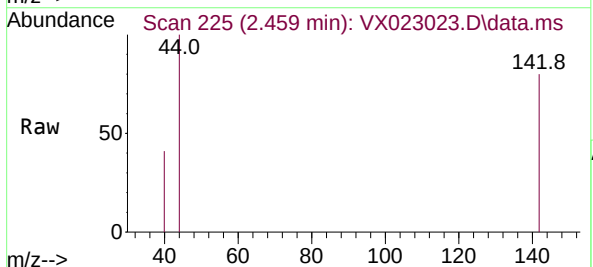
Instrument :
MSVOA_X
ClientSampled :

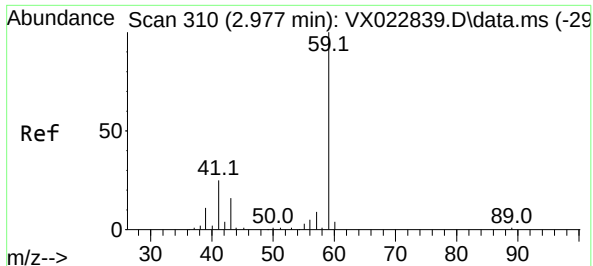
Tgt Ion:168 Resp: 59476
Ion Ratio Lower Upper
168 100
99 74.2 45.8 68.6#



#10
Methyl Iodide
Concen: 4.037 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Tgt Ion:142 Resp: 159
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



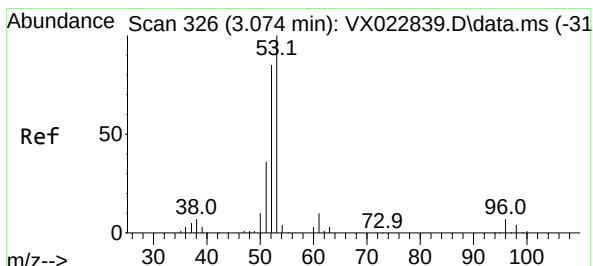
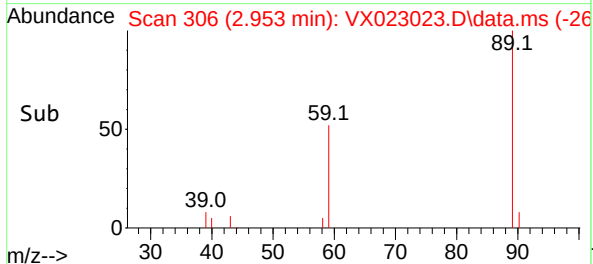
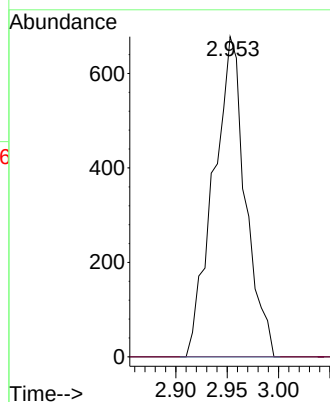
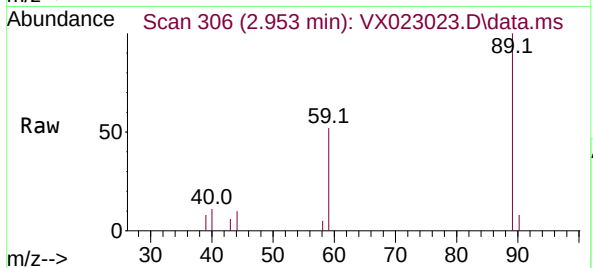


#11

Tert butyl alcohol
Concen: 6.544 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Instrument :
MSVOA_X
ClientSampleId :

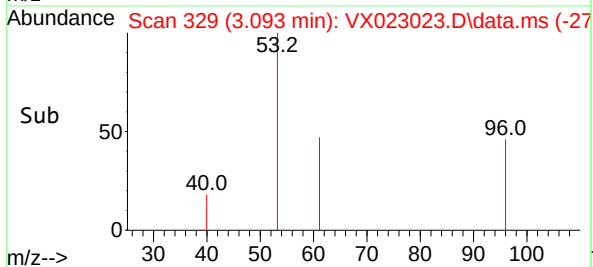
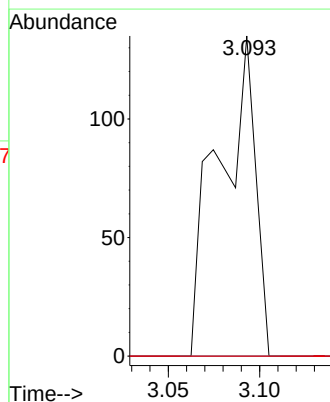
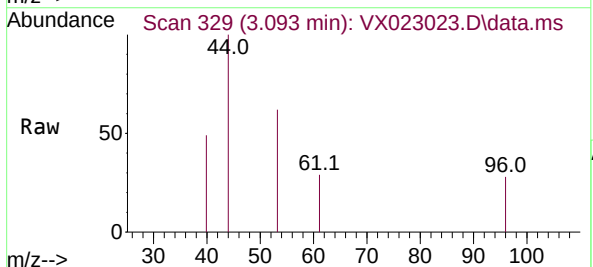
Tgt Ion: 59 Resp: 1472
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

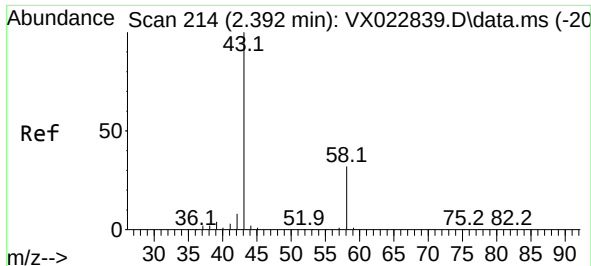


#15

Acrylonitrile
Concen: 0.369 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.019 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Tgt Ion: 53 Resp: 190
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#

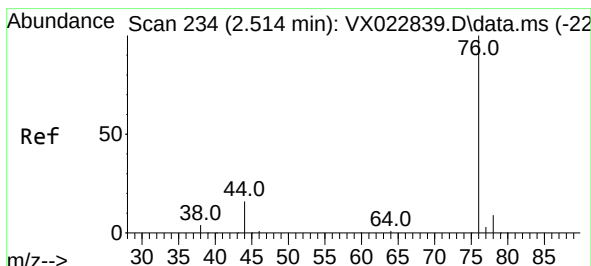
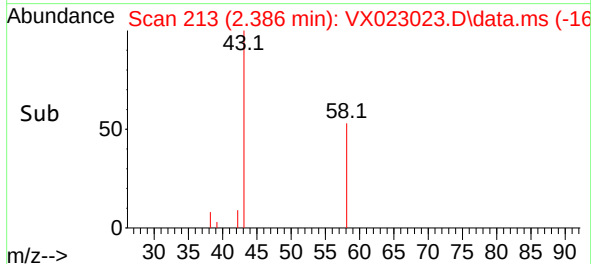
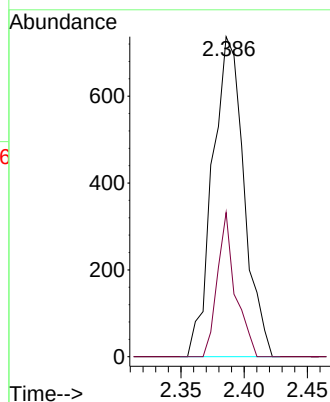
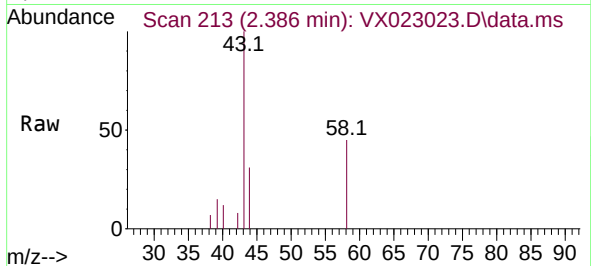




#16
Acetone
Concen: 2.662 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

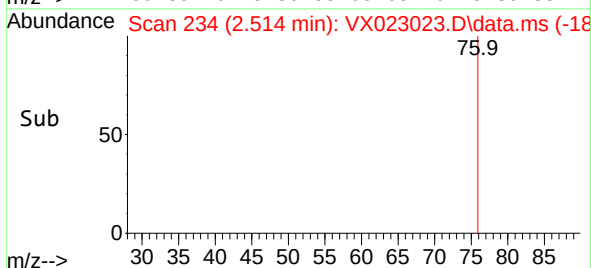
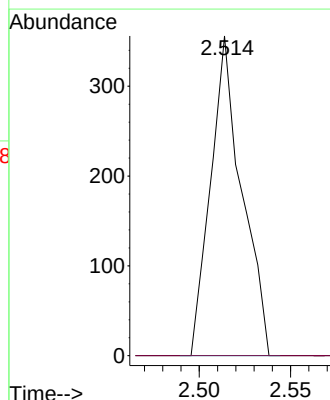
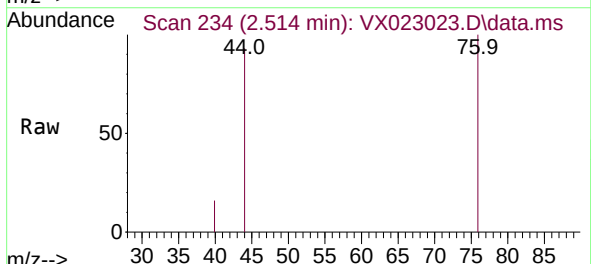
Instrument :
MSVOA_X
ClientSampleId :

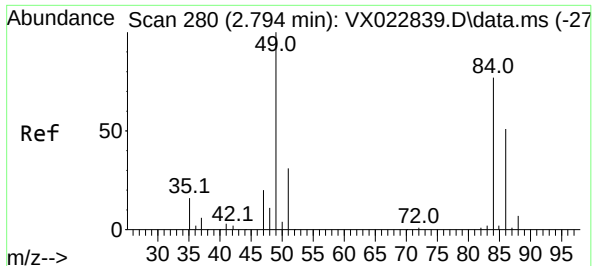
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 45.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.703 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Tgt Ion: 76 Resp: 423
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.776 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023023.D

Acq: 30 Jun 2021 10:55

Tgt Ion: 84 Resp: 386

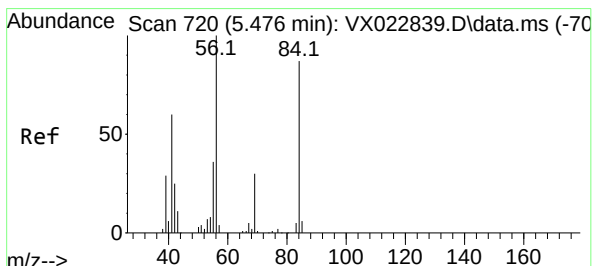
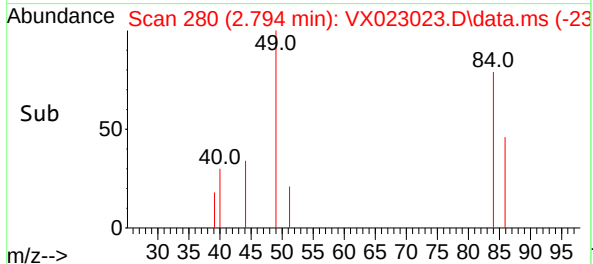
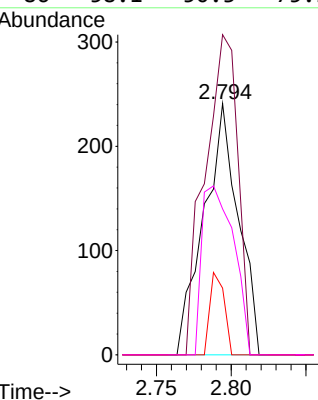
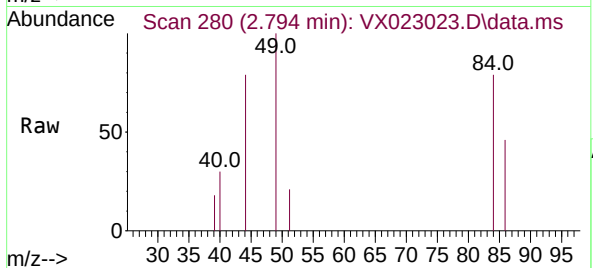
Ion Ratio Lower Upper

84 100

49 127.4 88.6 132.8

51 26.6 27.0 40.6#

86 58.1 50.3 75.5



#31

Cyclohexane

Concen: 1.384 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX023023.D

Acq: 30 Jun 2021 10:55

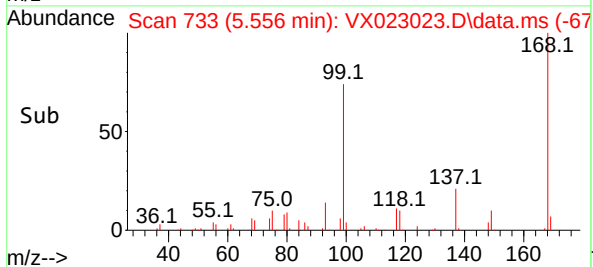
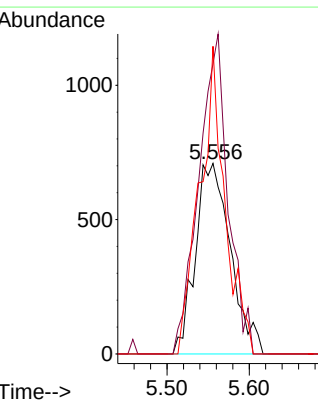
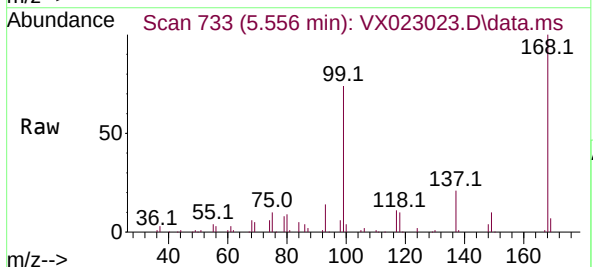
Tgt Ion: 56 Resp: 2109

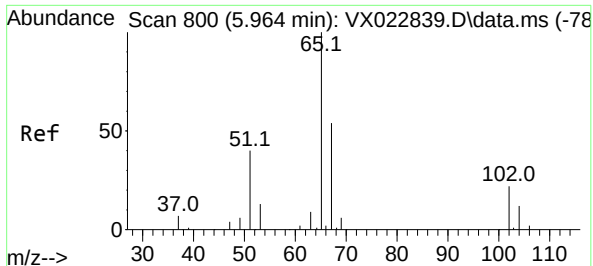
Ion Ratio Lower Upper

56 100

69 152.3 25.3 37.9#

84 161.5 71.4 107.0#



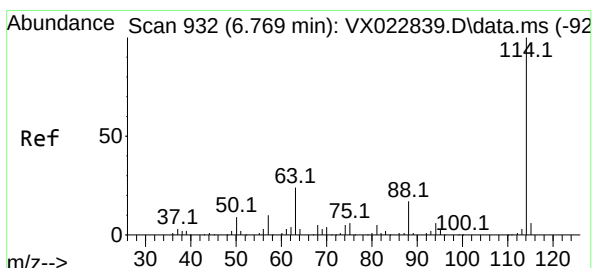
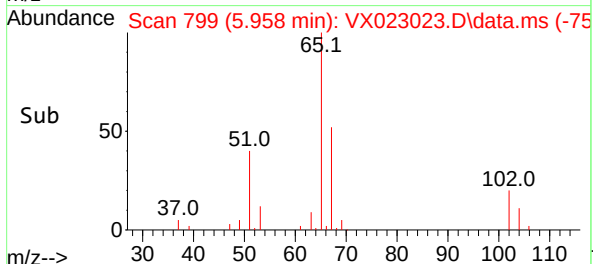
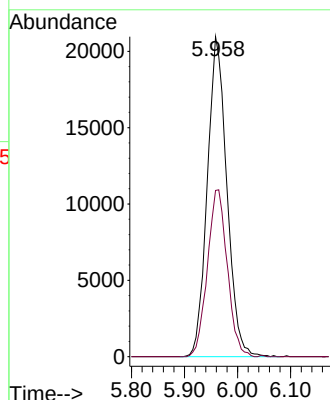
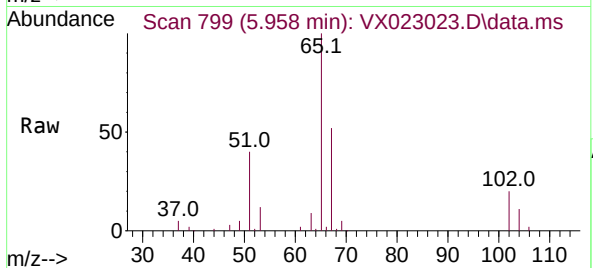


#33

1,2-Dichloroethane-d4
Concen: 49.708 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Instrument :
MSVOA_X
ClientSampled :

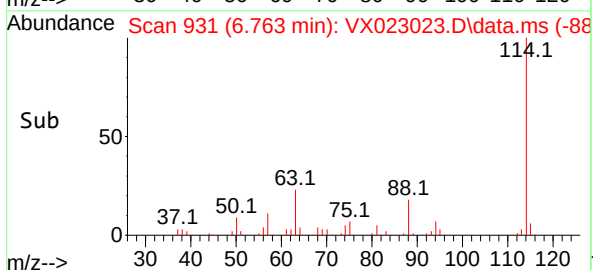
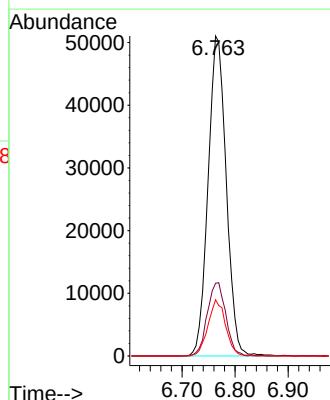
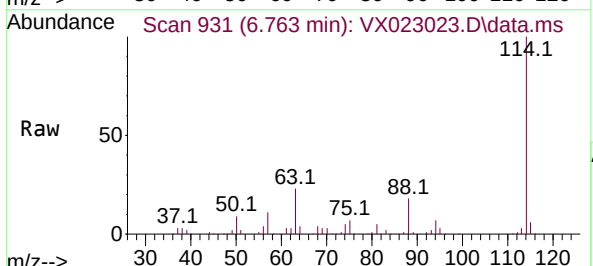
Tgt Ion: 65 Resp: 53653
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

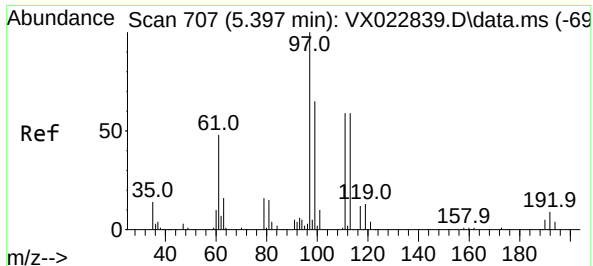


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Tgt Ion: 114 Resp: 121399
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.370 ug/l

RT: 5.391 min Scan# 706

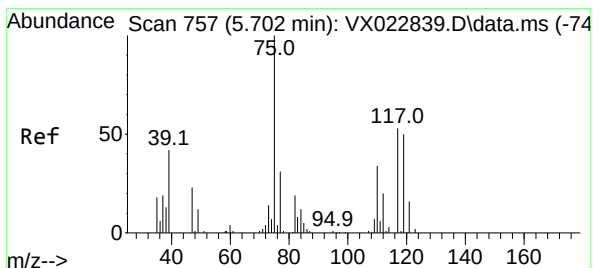
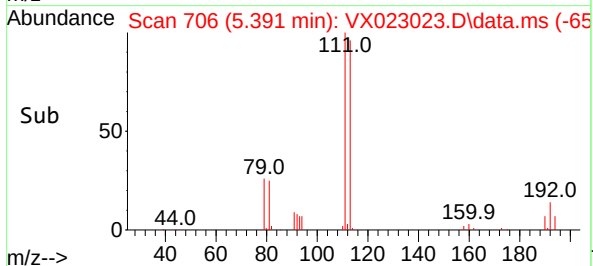
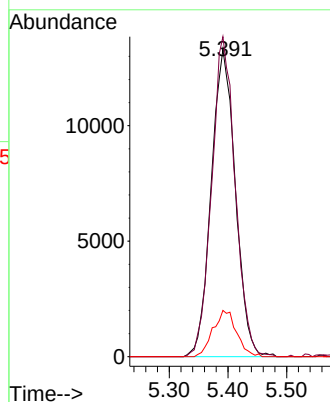
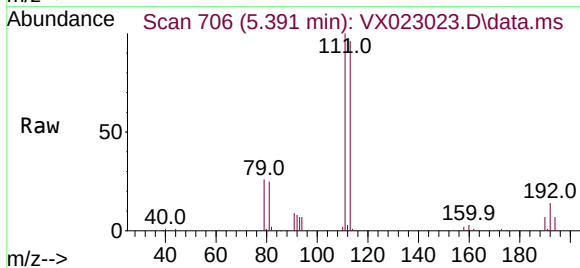
Delta R.T. -0.006 min

Lab File: VX023023.D

Acq: 30 Jun 2021 10:55

Tgt Ion:	113	Resp:	38060
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	14.6	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.235 ug/l

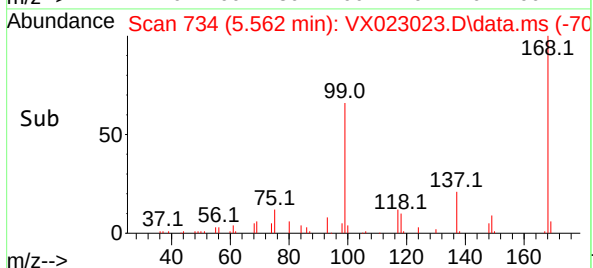
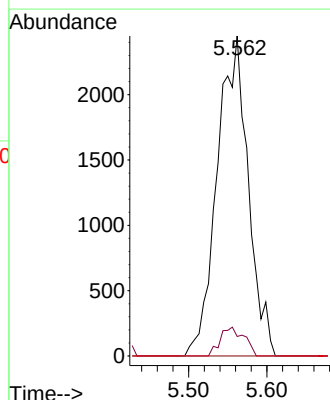
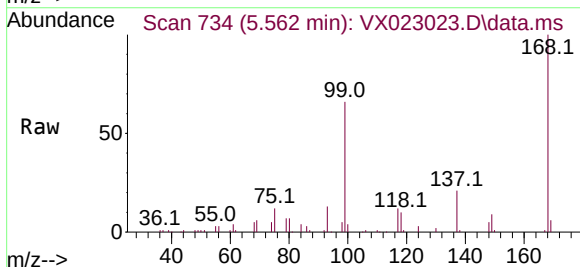
RT: 5.562 min Scan# 734

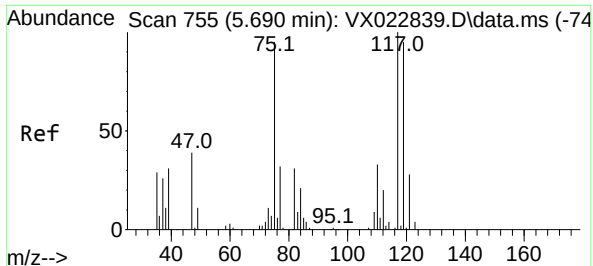
Delta R.T. -0.140 min

Lab File: VX023023.D

Acq: 30 Jun 2021 10:55

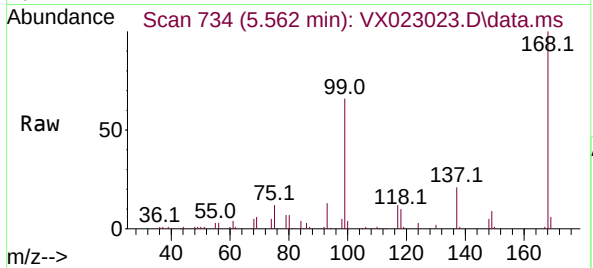
Tgt Ion:	75	Resp:	6750
Ion	Ratio	Lower	Upper
75	100		
110	6.9	18.1	54.4#
77	0.0	25.3	37.9#



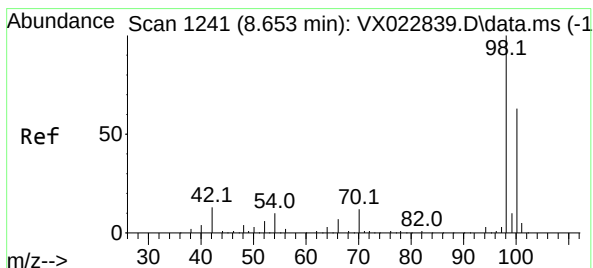
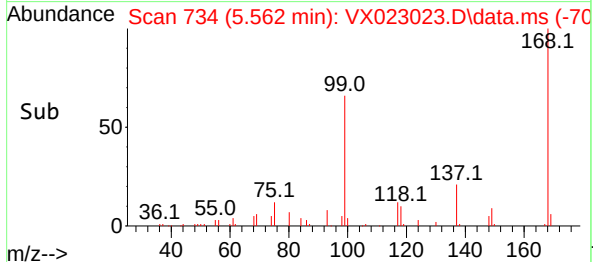
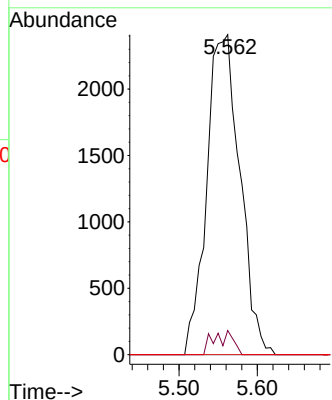


#38
Carbon Tetrachloride
Concen: 6.575 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Instrument :
MSVOA_X
ClientSampled :

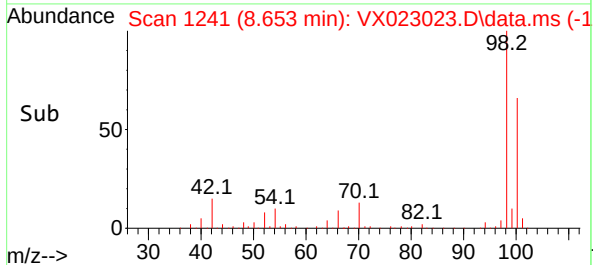
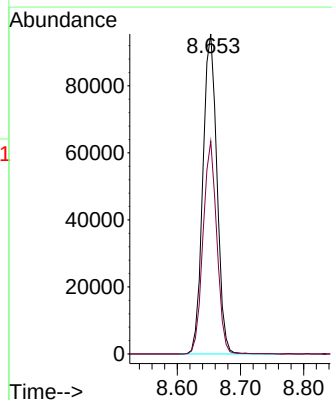
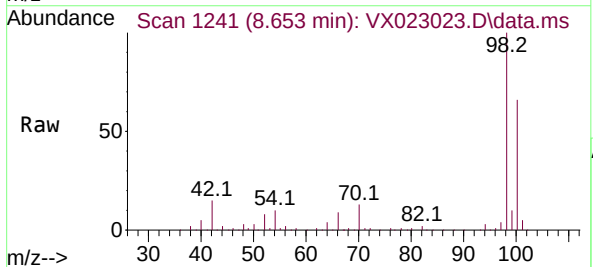


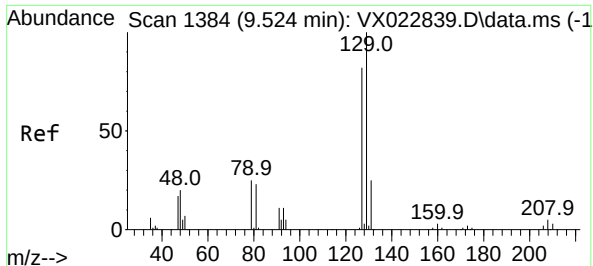
Tgt Ion:117 Resp: 7111
Ion Ratio Lower Upper
117 100
119 7.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.037 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Tgt Ion: 98 Resp: 148159
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

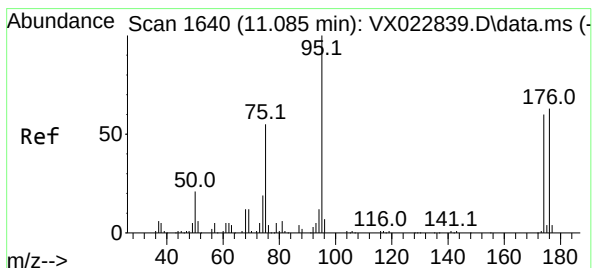
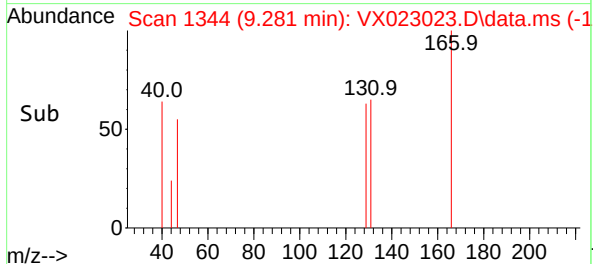
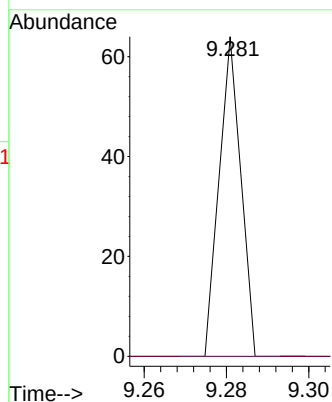
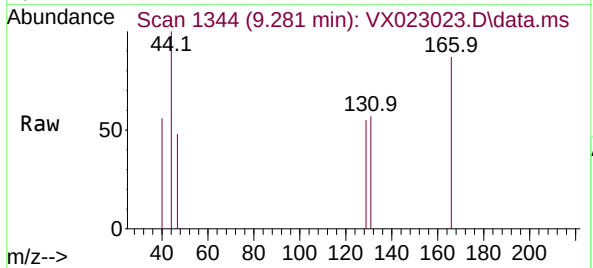




#60
Dibromochloromethane
Concen: 3.674 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

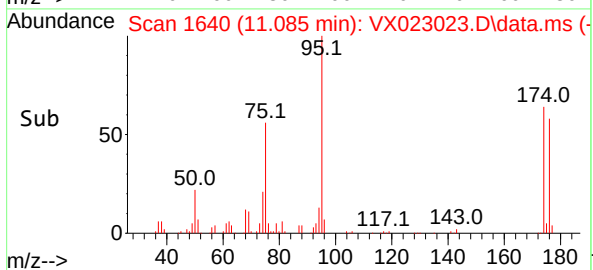
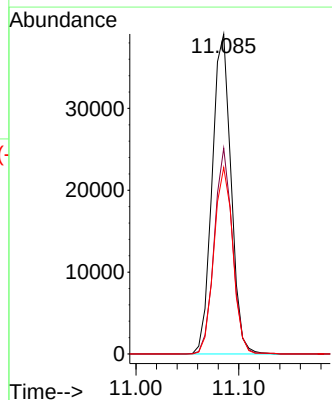
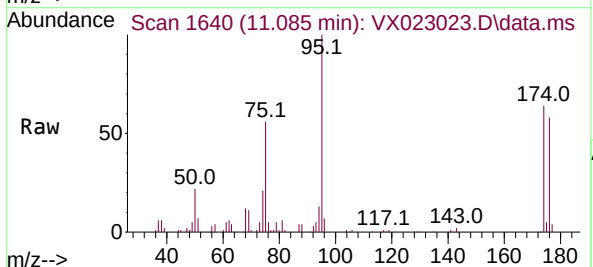
Instrument :
MSVOA_X
ClientSampled :

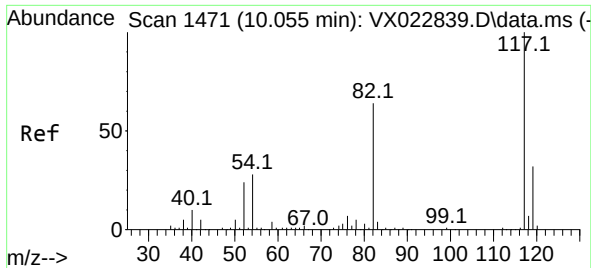
Tgt Ion:129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.181 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Tgt Ion: 95 Resp: 49818
Ion Ratio Lower Upper
95 100
174 61.7 0.0 154.6
176 58.6 0.0 155.8

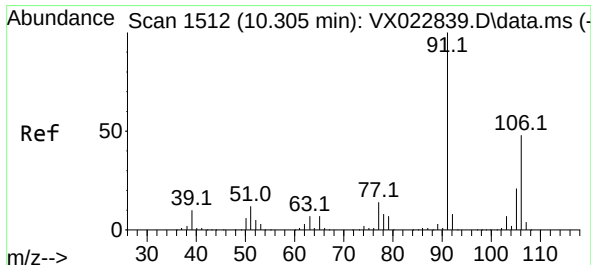
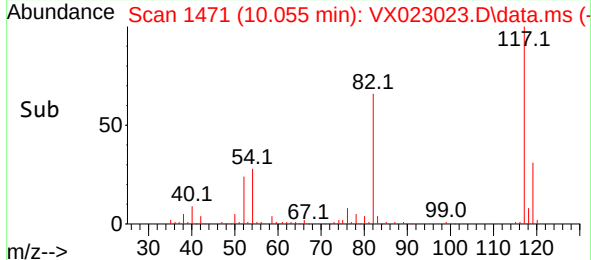
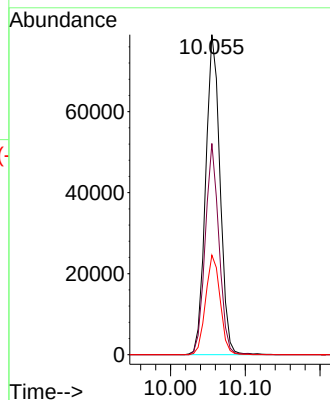
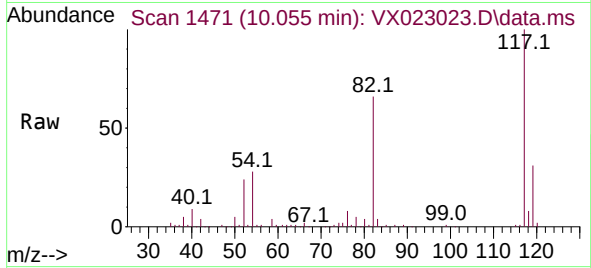




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

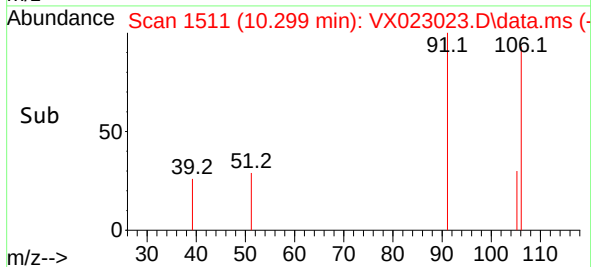
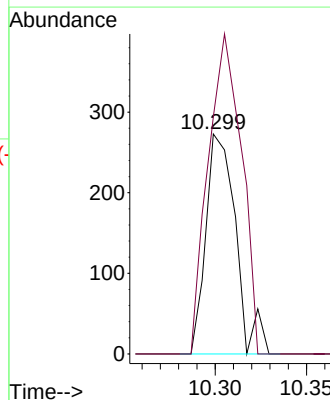
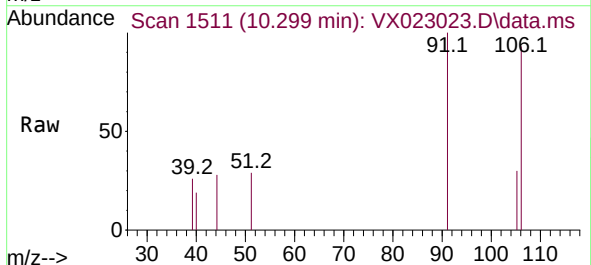
Instrument :
MSVOA_X
ClientSampleId :

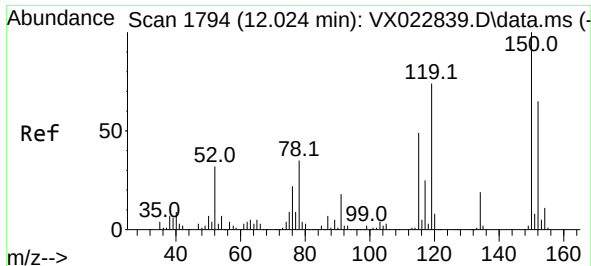
Tgt Ion:117 Resp: 105516
Ion Ratio Lower Upper
117 100
82 66.0 47.4 71.2
119 31.1 26.6 39.8



#68
m/p-Xylenes
Concen: 0.203 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Tgt Ion:106 Resp: 308
Ion Ratio Lower Upper
106 100
91 163.6 162.8 244.2

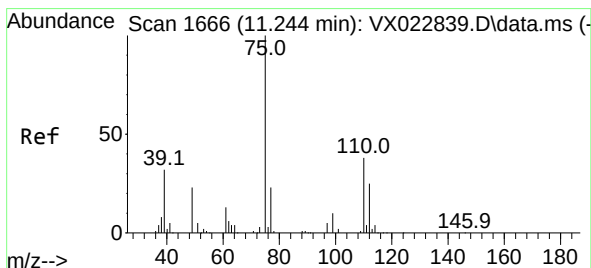
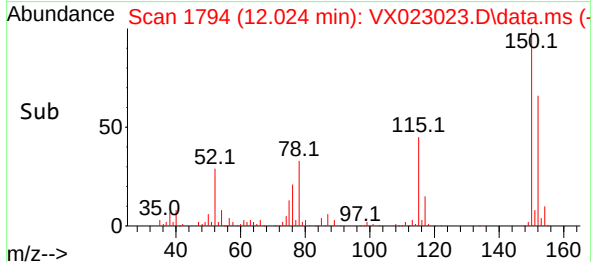
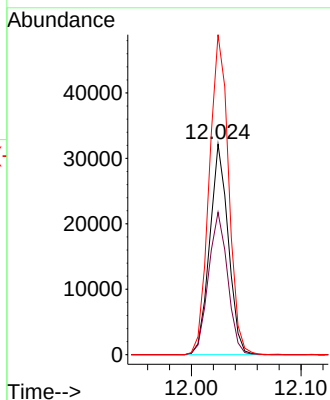
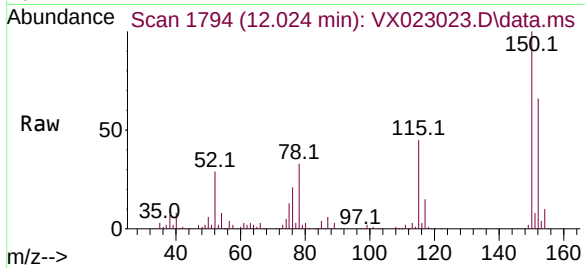




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023023.D
 Acq: 30 Jun 2021 10:55

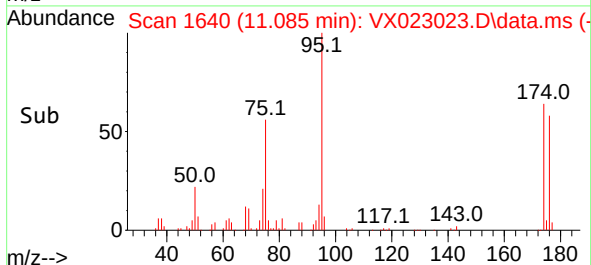
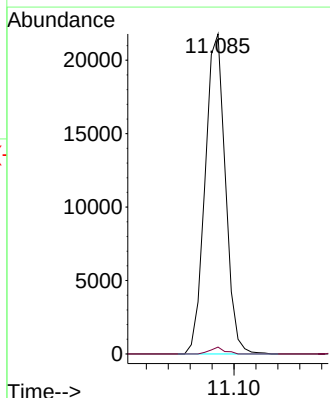
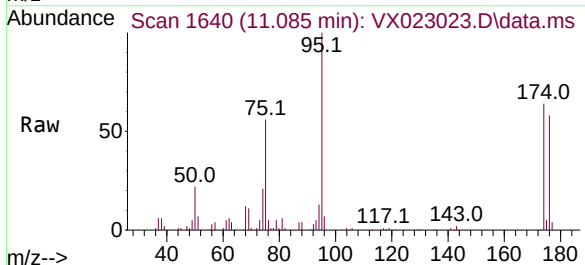
Instrument :
 MSVOA_X
 ClientSampled :

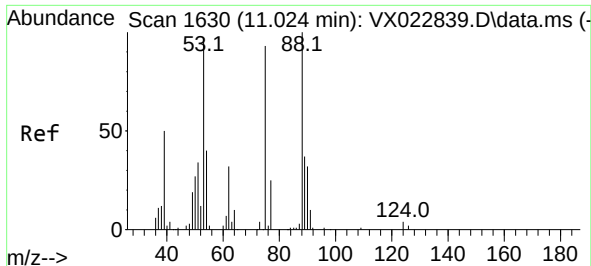
Tgt Ion:152 Resp: 37813
 Ion Ratio Lower Upper
 152 100
 115 69.8 41.1 123.3
 150 158.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.991 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023023.D
 Acq: 30 Jun 2021 10:55

Tgt Ion: 75 Resp: 27957
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#

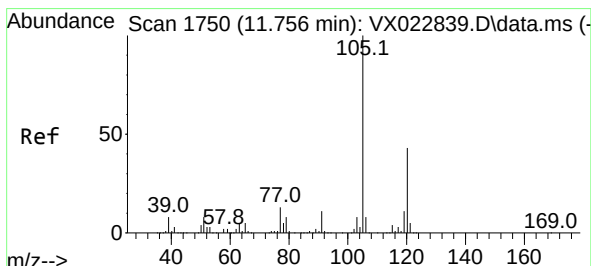
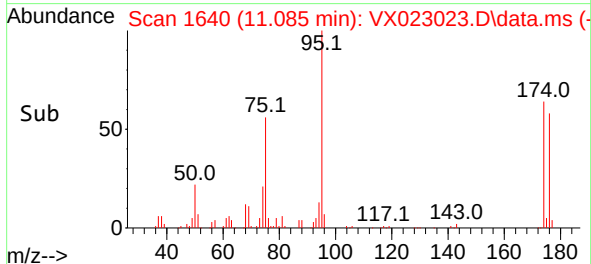
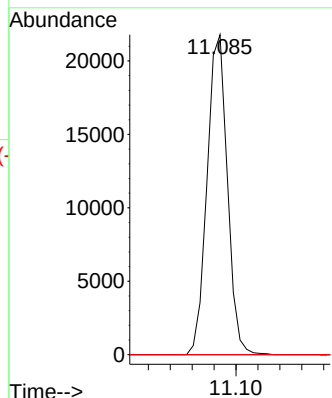
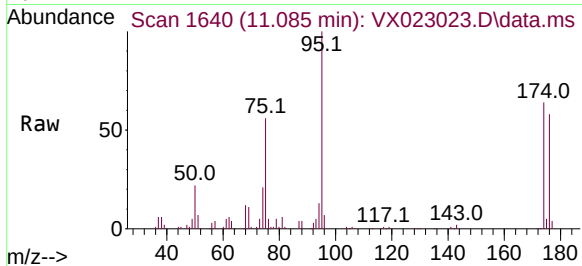




#81
trans-1,4-Dichloro-2-butene
Concen: 72.271 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

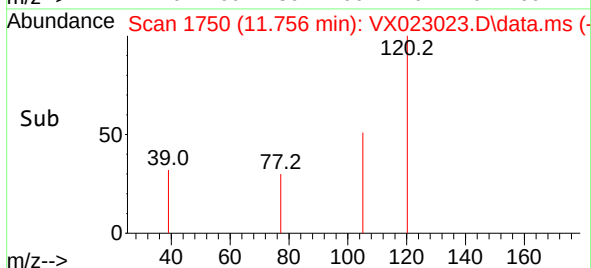
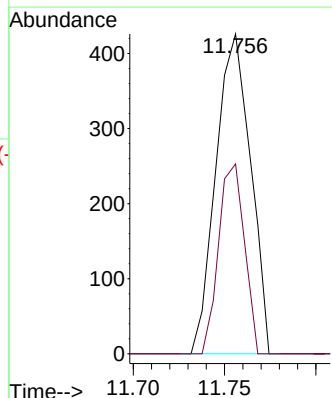
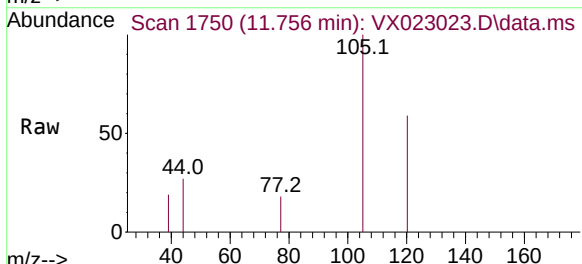
Instrument :
MSVOA_X
ClientSampled :

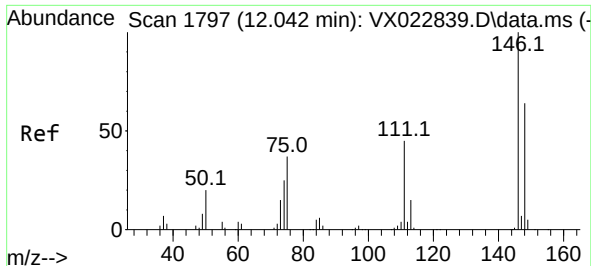
Tgt Ion: 75 Resp: 27957
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.213 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Tgt Ion: 105 Resp: 563
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3

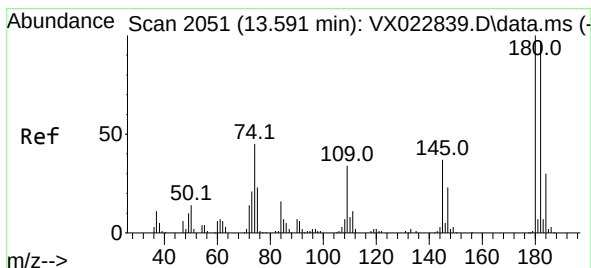
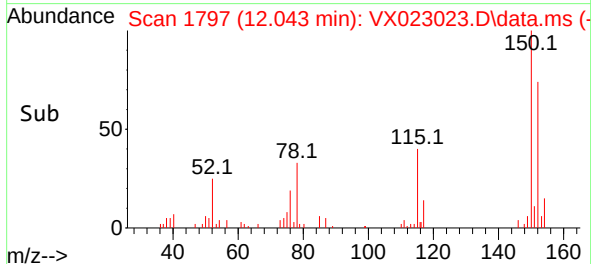
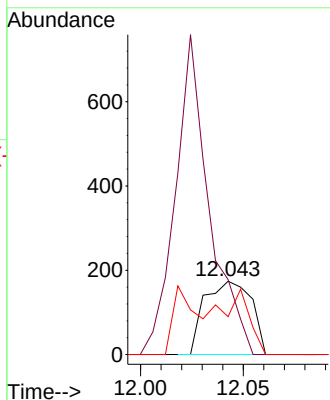
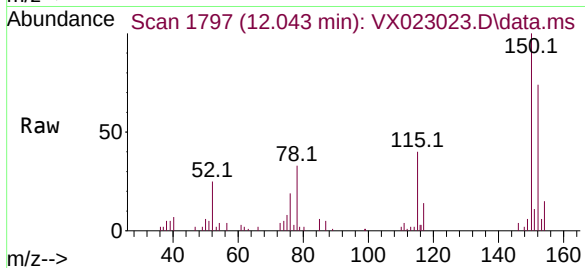




#88
1,4-Dichlorobenzene
Concen: 0.205 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

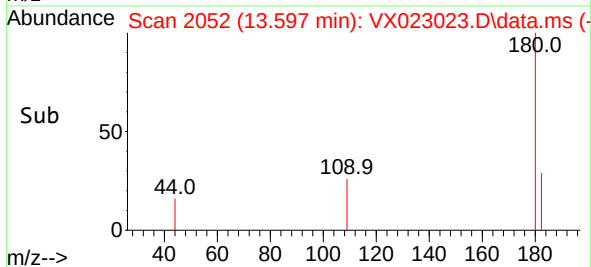
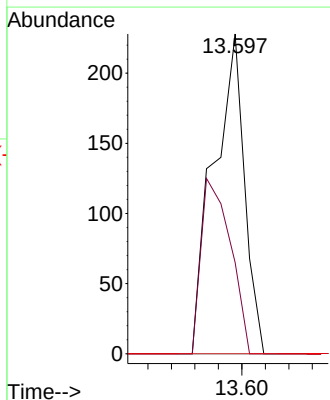
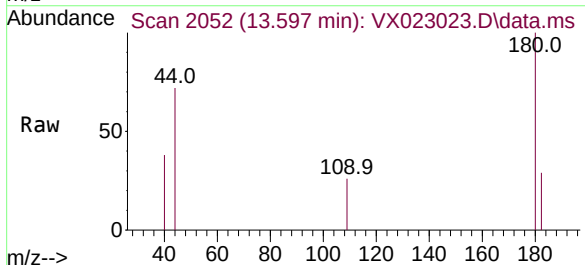
Instrument :
MSVOA_X
ClientSampled :

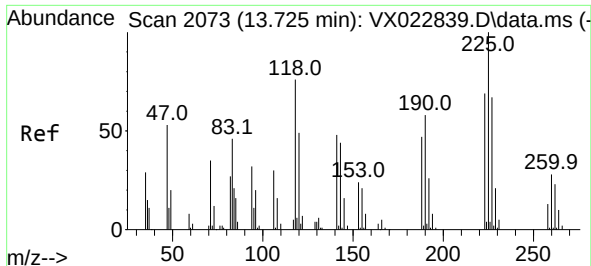
Tgt Ion:146 Resp: 275
Ion Ratio Lower Upper
146 100
111 0.0 19.6 58.8#
148 56.7 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.299 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

Tgt Ion:180 Resp: 208
Ion Ratio Lower Upper
180 100
182 52.4 47.7 143.1
145 0.0 15.0 45.0#

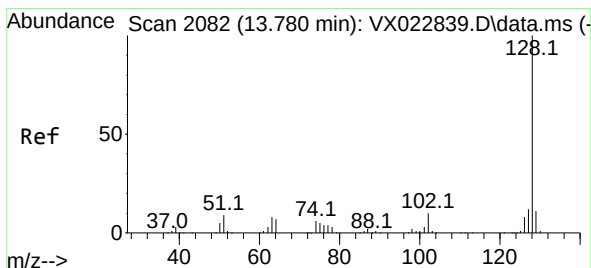
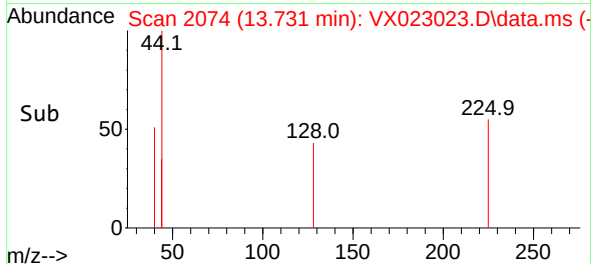
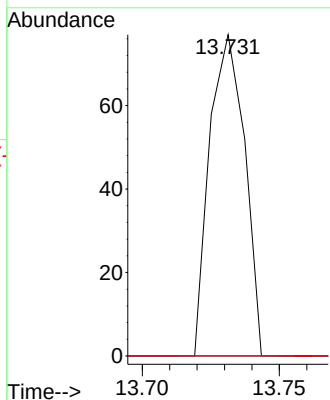
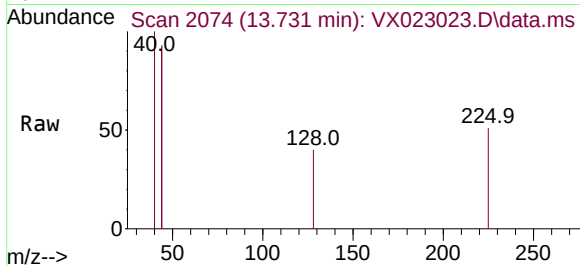




#94
Hexachlorobutadiene
Concen: 0.250 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

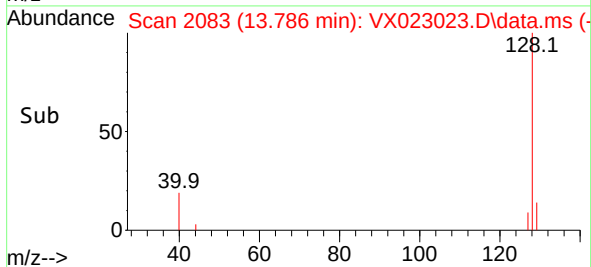
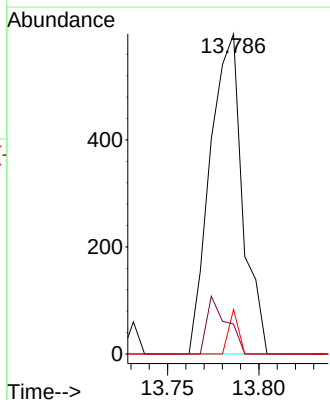
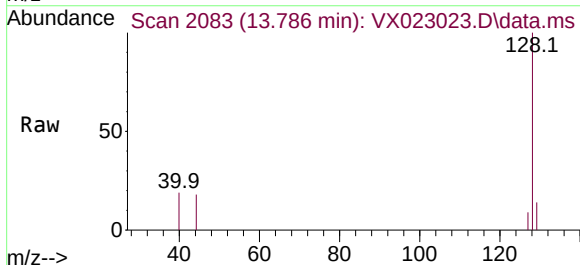
Instrument :
MSVOA_X
ClientSampleId :

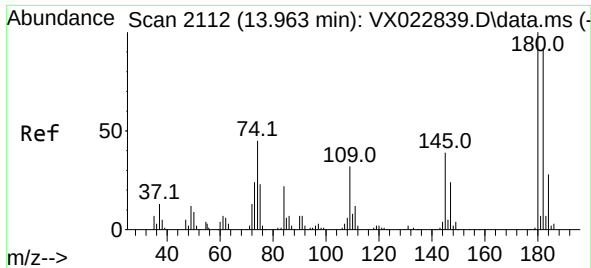
Tgt Ion:225 Resp: 68
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#



#95
Naphthalene
Concen: 2.152 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023023.D
Acq: 30 Jun 2021 10:55

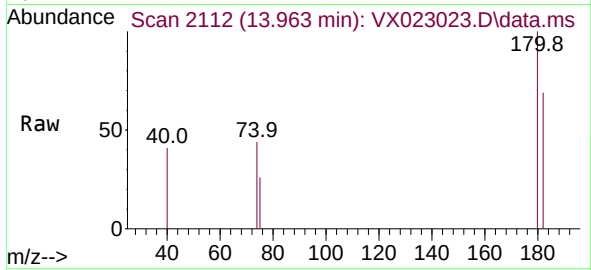
Tgt Ion:128 Resp: 737
Ion Ratio Lower Upper
128 100
127 11.1 10.3 15.5
129 4.1 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX023023.D
 Acq: 30 Jun 2021 10:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	207
Ion	Ratio	Lower	Upper
180	100		
182	57.5	47.6	142.9
145	0.0	16.1	48.3#

