

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023876.D
 Acq On : 20 Aug 2021 14:46
 Operator : JC/MD
 Sample : VX0822MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 20 16:18:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

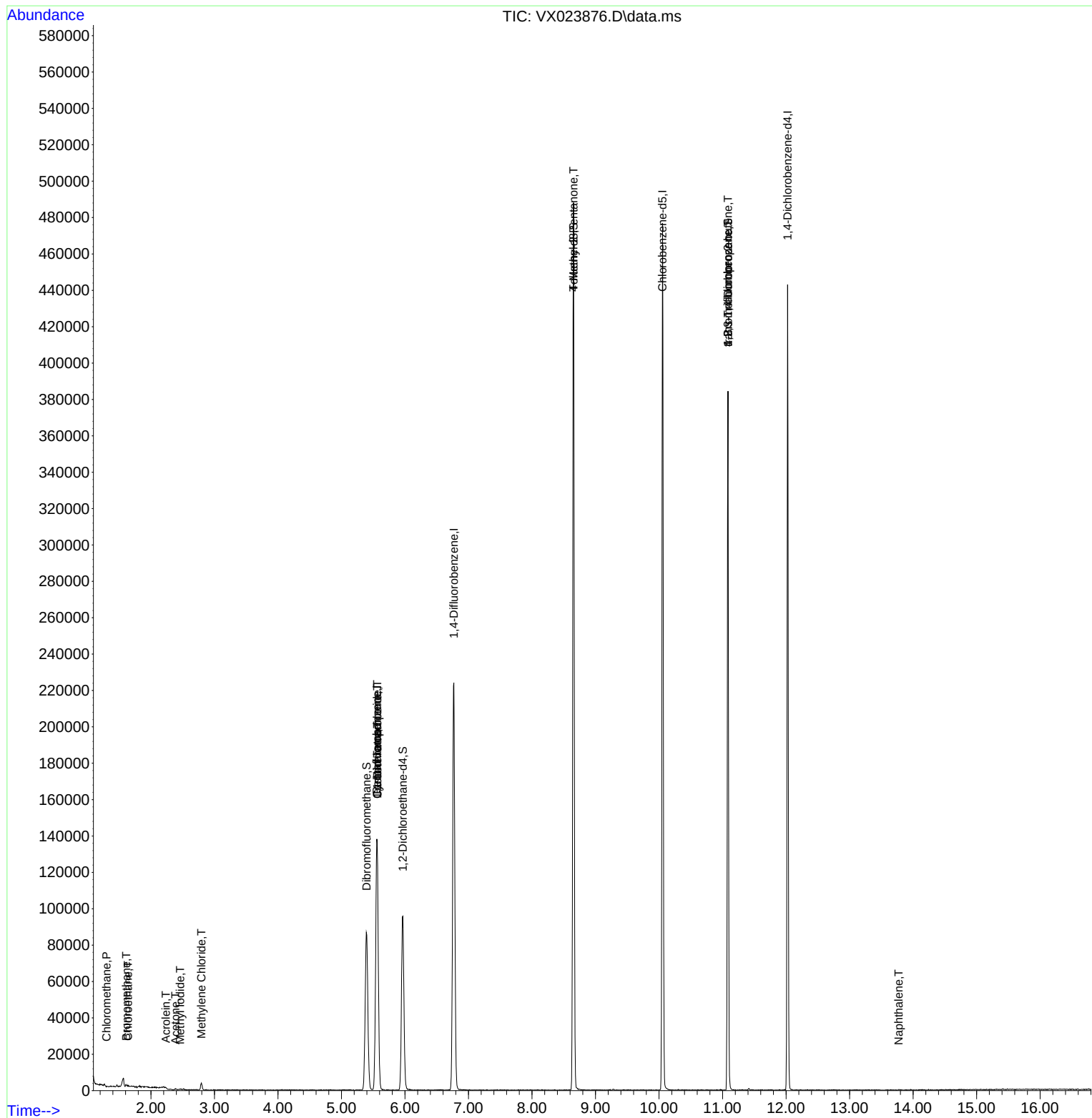
Internal Standards						
1) Pentafluorobenzene	5.556	168	130022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94197	51.908	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.820%	
35) Dibromofluoromethane	5.397	113	74800	50.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.100%	
50) Toluene-d8	8.653	98	275687	48.950	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.900%	
62) 4-Bromofluorobenzene	11.085	95	93686	45.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	304	0.202	ug/l #	42
5) Bromomethane	1.611	94	431	0.467	ug/l	100
6) Chloroethane	1.636	64	72	2.274	ug/l #	43
10) Methyl Iodide	2.459	142	436	0.240	ug/l #	67
13) Acrolein	2.233	56	101	0.462	ug/l #	38
16) Acetone	2.386	43	516	0.636	ug/l	99
20) Methylene Chloride	2.794	84	1498	0.967	ug/l	97
31) Cyclohexane	5.562	56	2940	1.261	ug/l #	22
36) 1,1-Dichloropropene	5.562	75	10363	5.005	ug/l #	44
38) Carbon Tetrachloride	5.562	117	13507	6.256	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1553	0.604	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	50553	25.373	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50553	74.635	ug/l #	12
95) Naphthalene	13.774	128	240	1.320	ug/l #	69

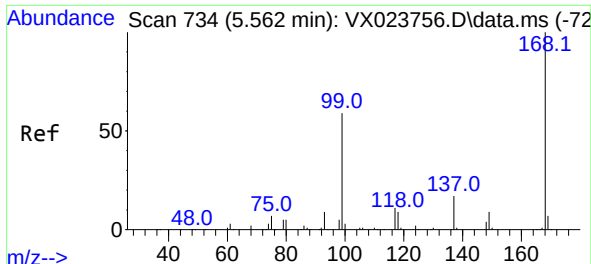
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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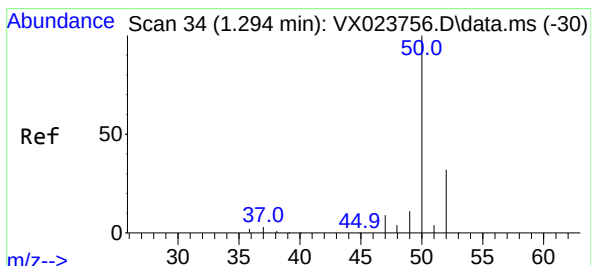
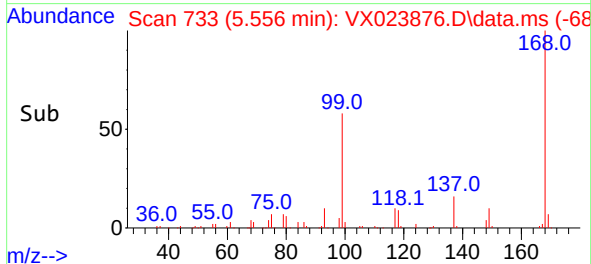
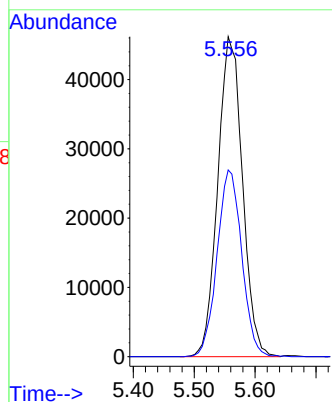
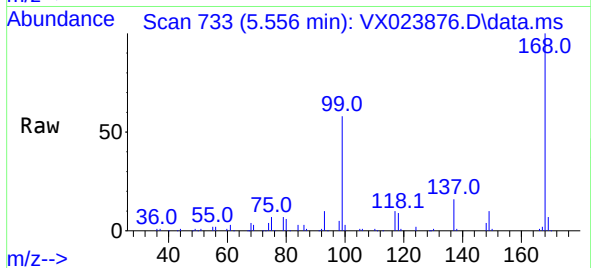




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

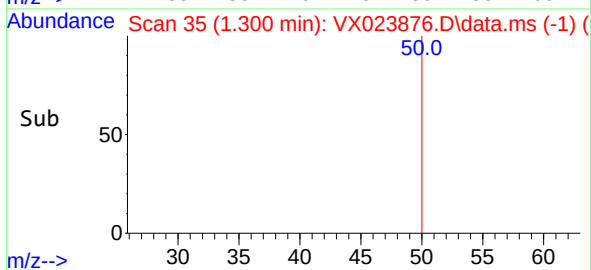
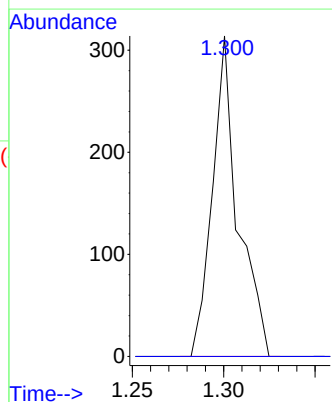
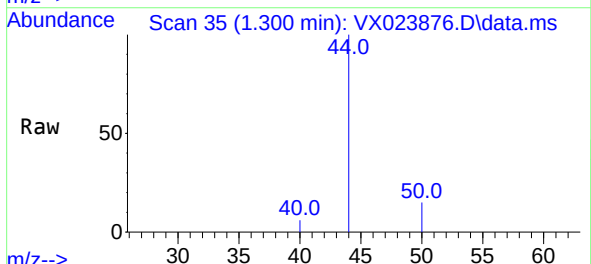
Instrument :
MSVOA_X
ClientSampleId :

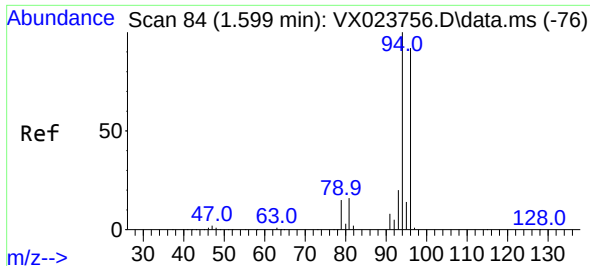
Tgt Ion:168 Resp: 130022
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

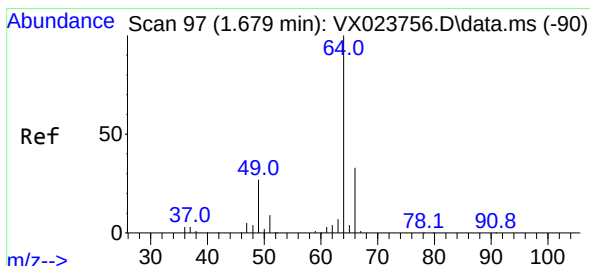
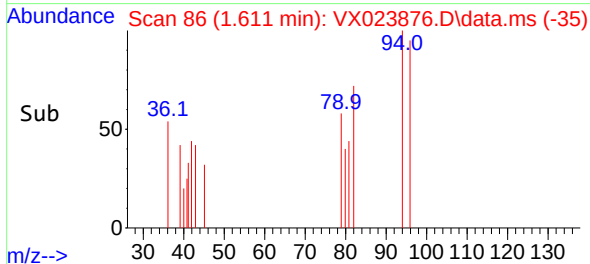
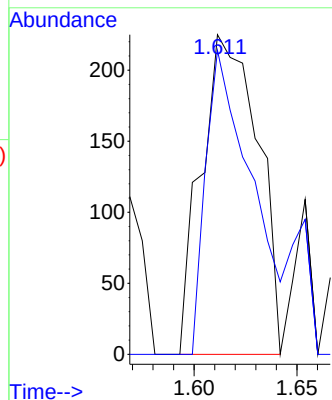
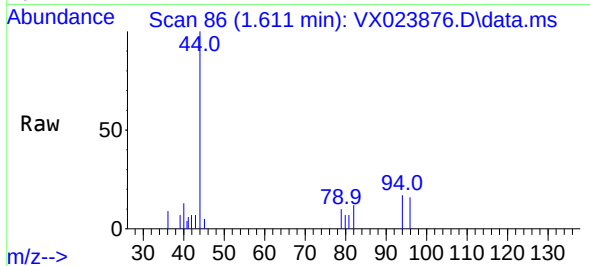




#5
Bromomethane
Concen: 0.467 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

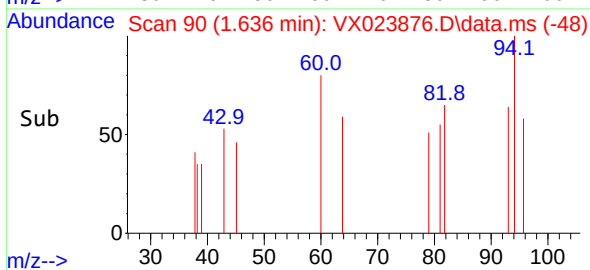
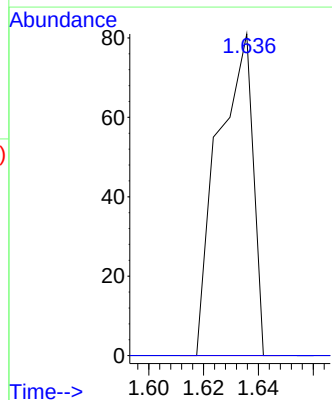
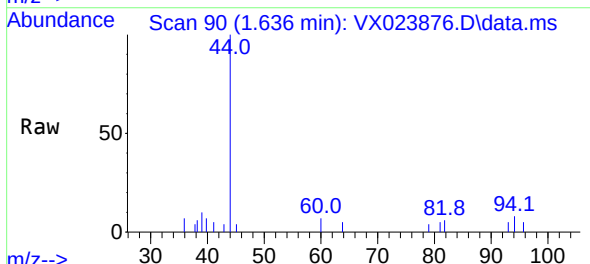
Instrument :
MSVOA_X
ClientSampled :

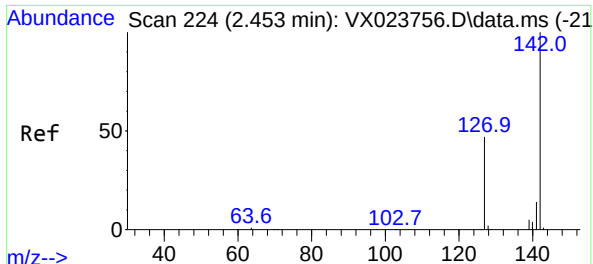
Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 95.1 76.4 114.6



#6
Chloroethane
Concen: 2.274 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

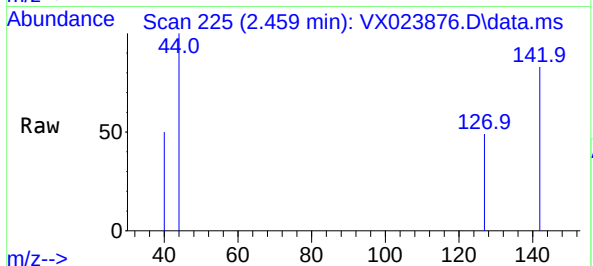
Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



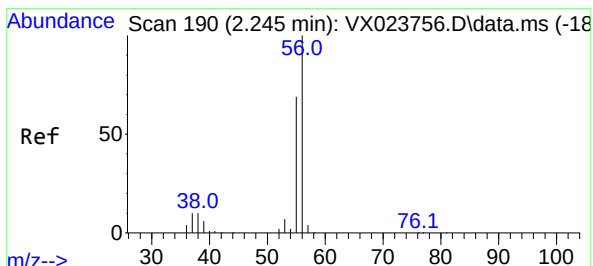
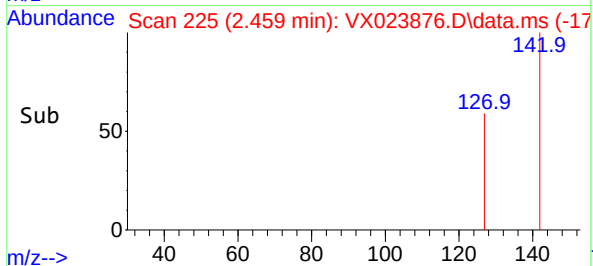
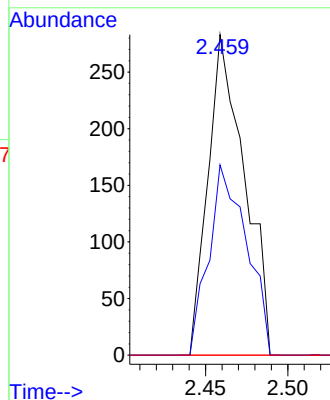


#10
Methyl Iodide
Concen: 0.240 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Instrument :
MSVOA_X
ClientSampled :

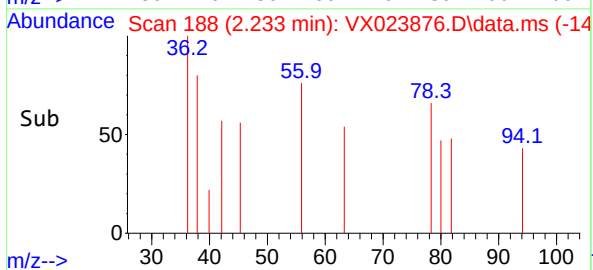
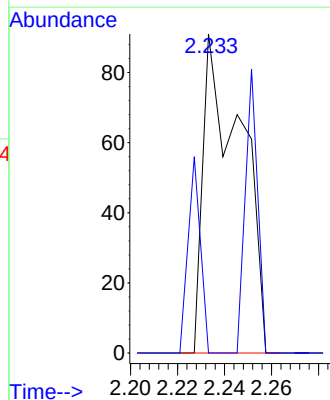
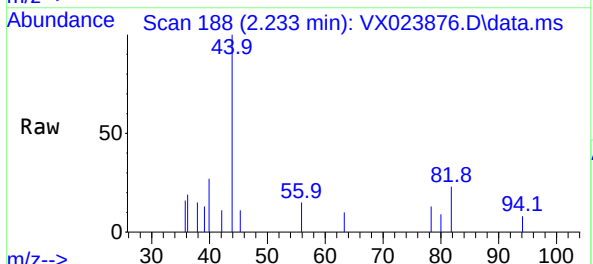


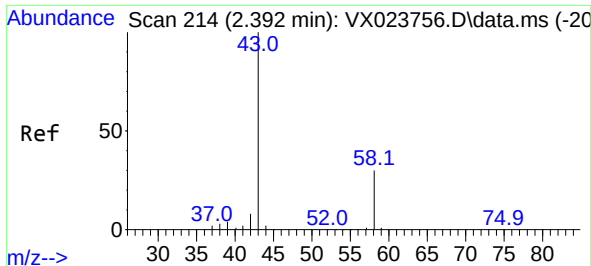
Tgt Ion:142 Resp: 436
Ion Ratio Lower Upper
142 100
127 61.7 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.462 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 19.8 56.4 84.6#

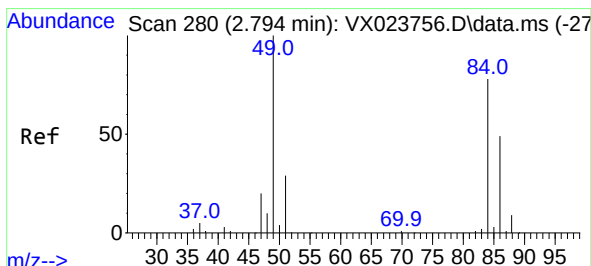
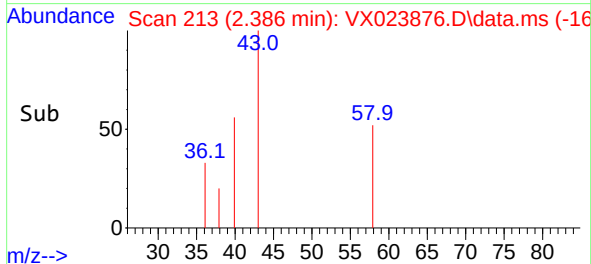
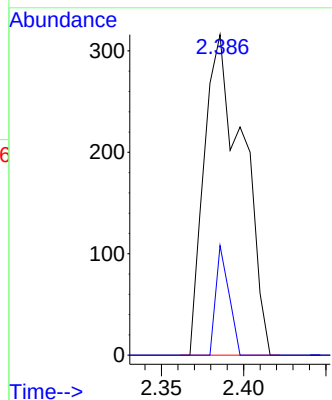
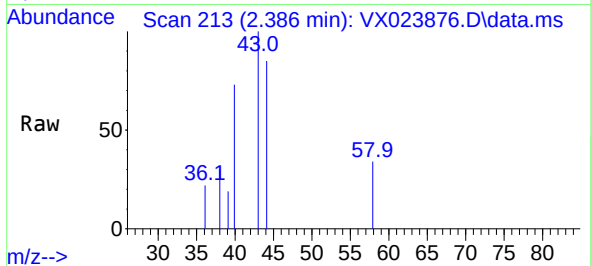




#16
Acetone
Concen: 0.636 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

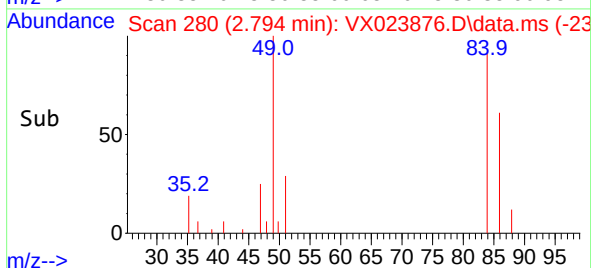
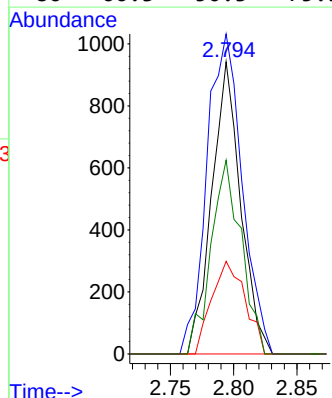
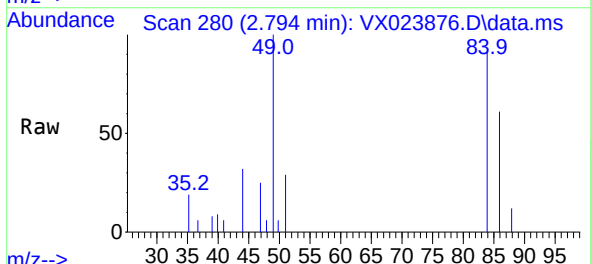
Instrument :
MSVOA_X
ClientSampled :

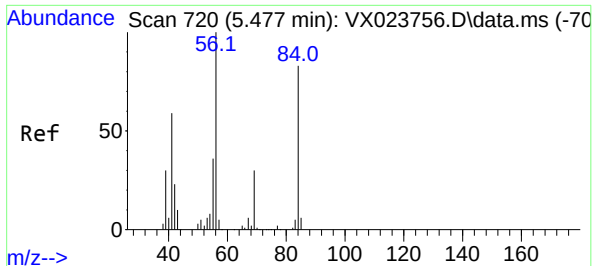
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.967 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion: 84 Resp: 1498
Ion Ratio Lower Upper
84 100
49 109.6 88.6 132.8
51 31.7 27.0 40.6
86 66.3 50.3 75.5

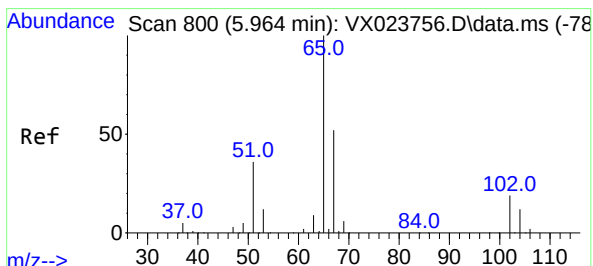
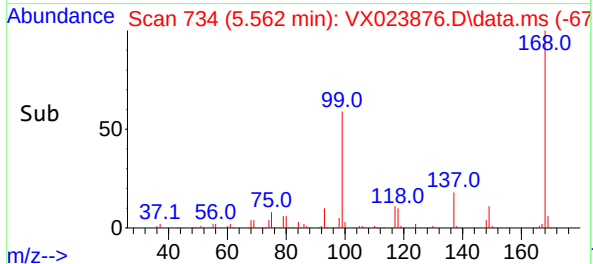
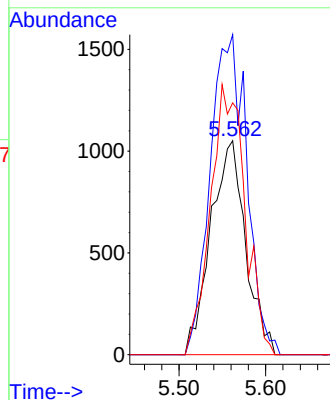
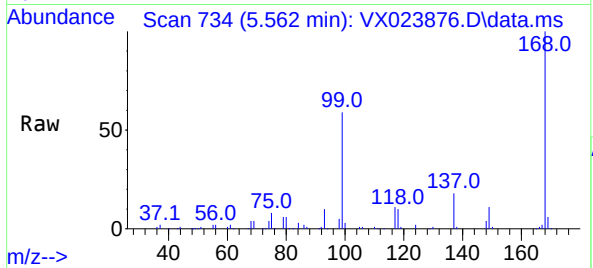




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

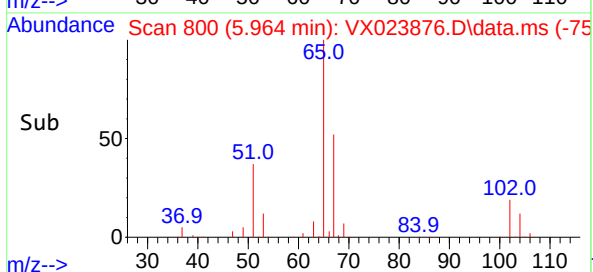
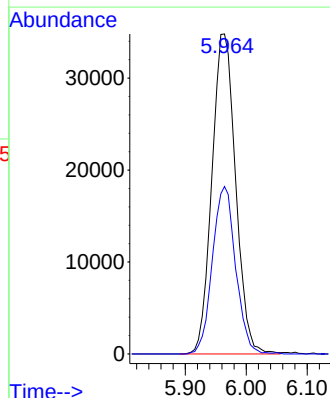
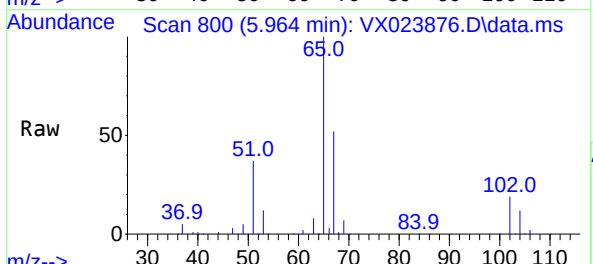
Instrument :
MSVOA_X
ClientSampleId :

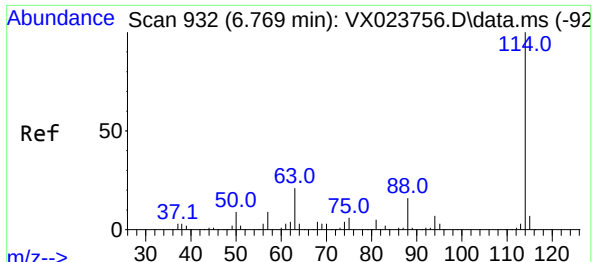
Tgt Ion: 56 Resp: 2940
Ion Ratio Lower Upper
56 100
69 149.6 25.3 37.9#
84 117.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.908 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion: 65 Resp: 94197
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4



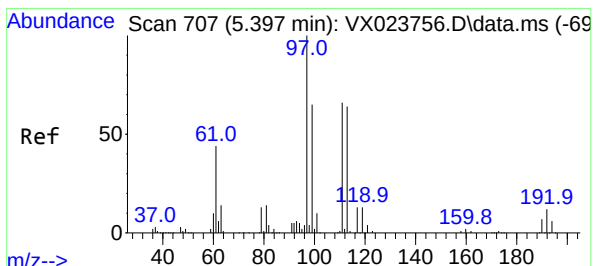
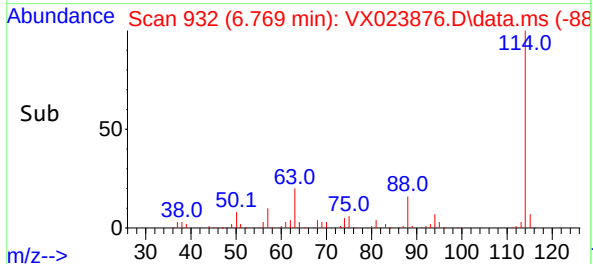
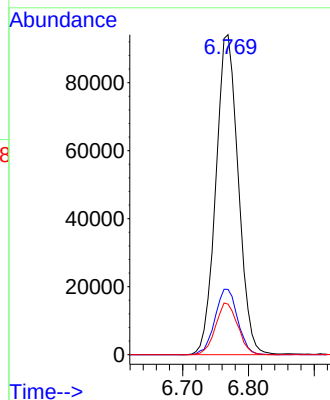
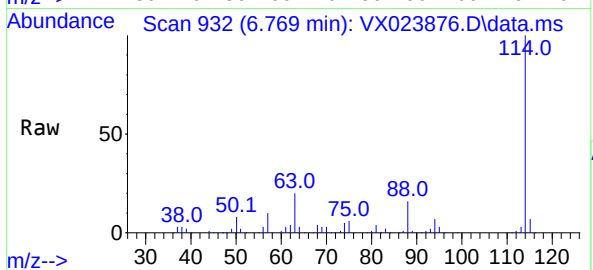


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 223569

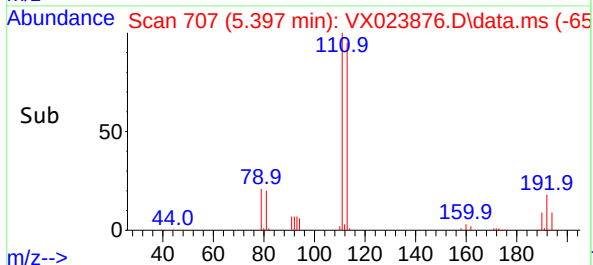
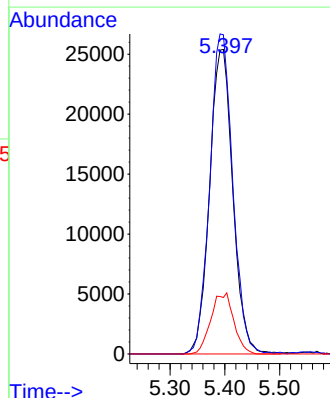
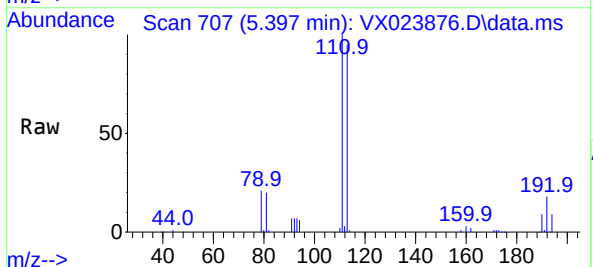
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.8	0.0	32.8

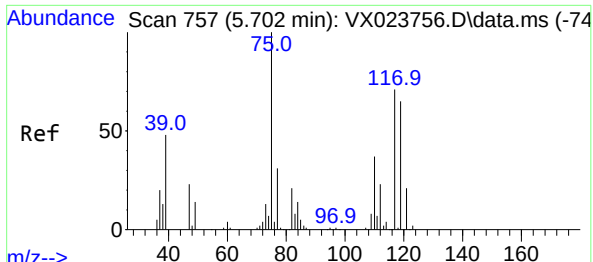


#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion:113 Resp: 74800

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	19.8	16.7	25.1

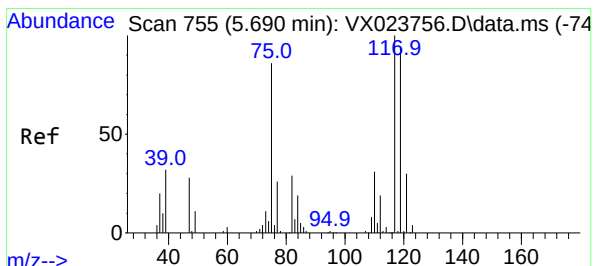
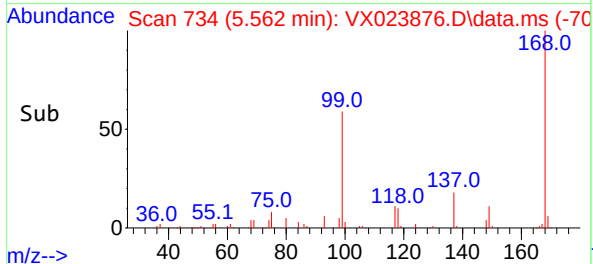
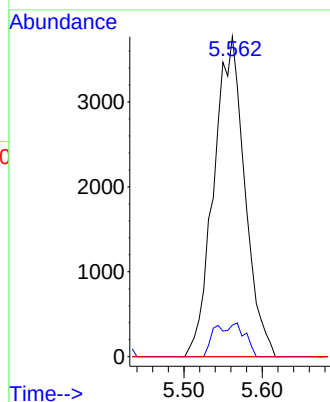
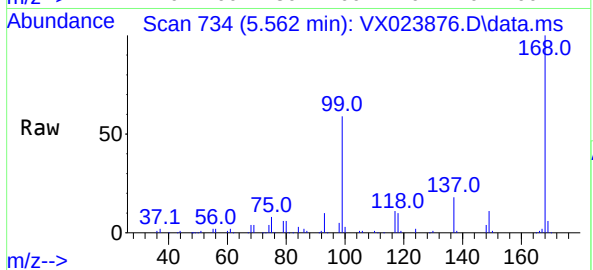




#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

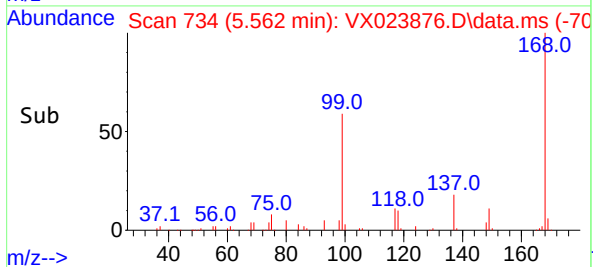
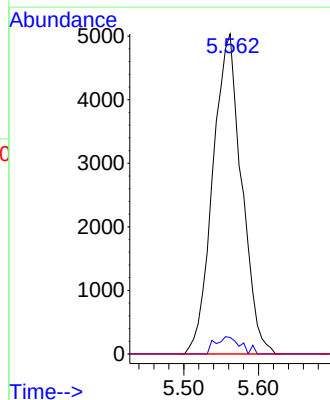
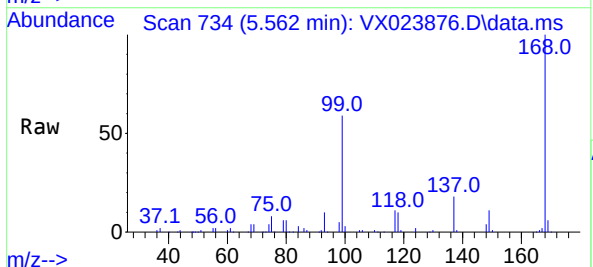
Instrument :
MSVOA_X
ClientSampled :

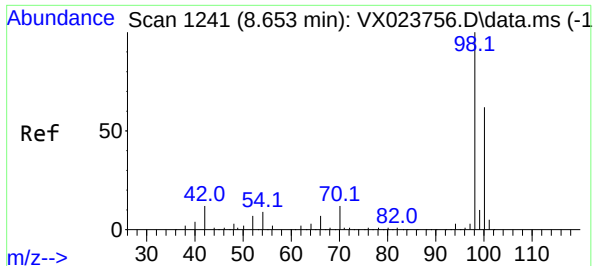
Tgt Ion: 75 Resp: 10363
Ion Ratio Lower Upper
75 100
110 4.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion: 117 Resp: 13507
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

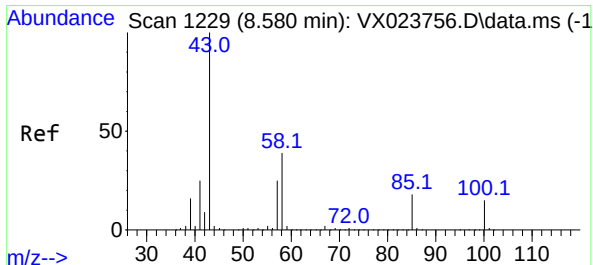
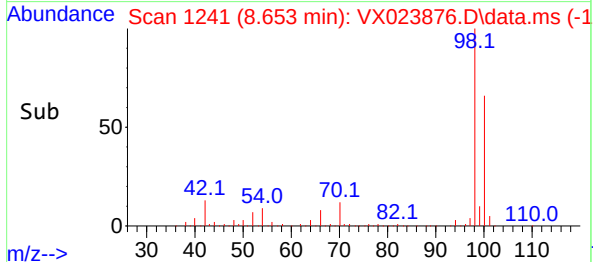
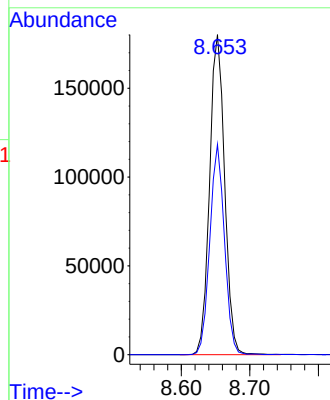
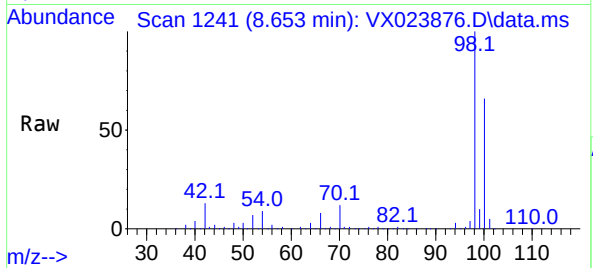




#50
Toluene-d8
Concen: 48.950 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

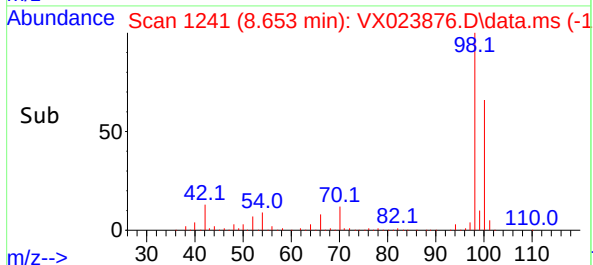
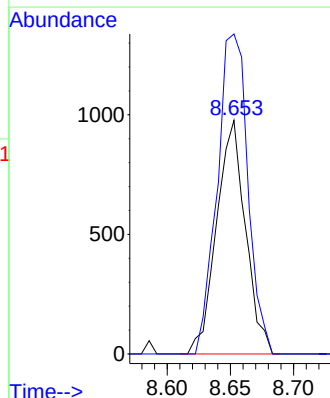
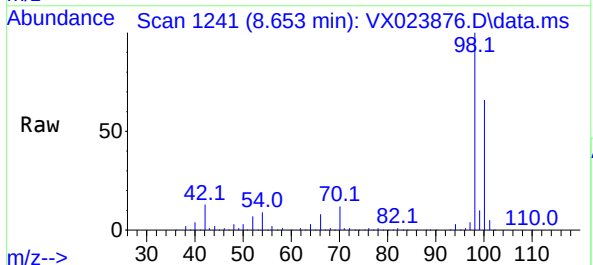
Instrument :
MSVOA_X
ClientSampled :

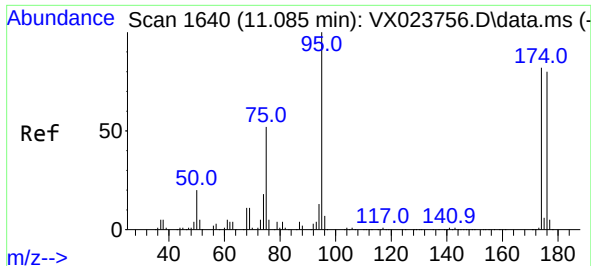
Tgt Ion: 98 Resp: 275687
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion: 43 Resp: 1553
Ion Ratio Lower Upper
43 100
58 145.6 35.4 53.0#

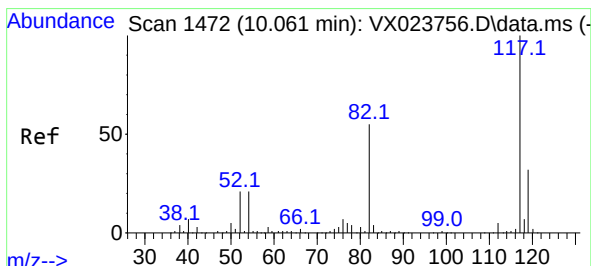
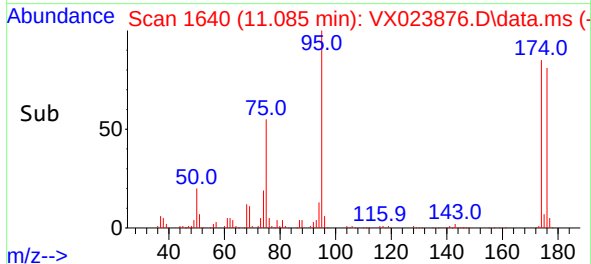
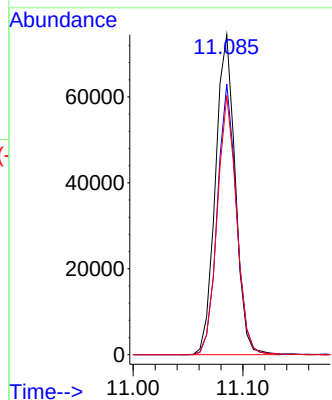
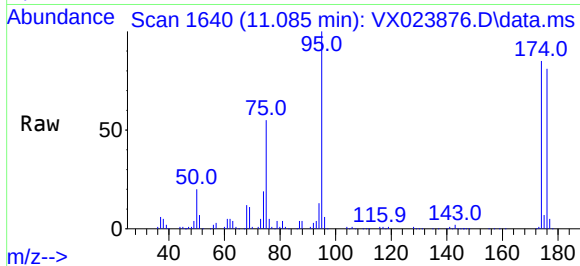




#62
4-Bromofluorobenzene
Concen: 45.187 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

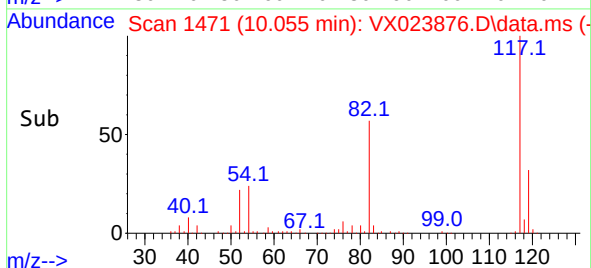
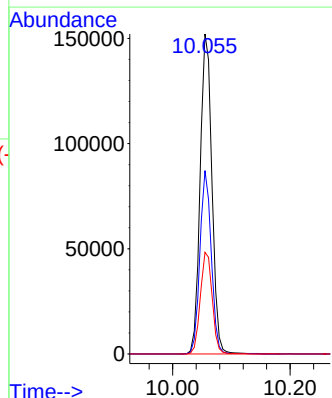
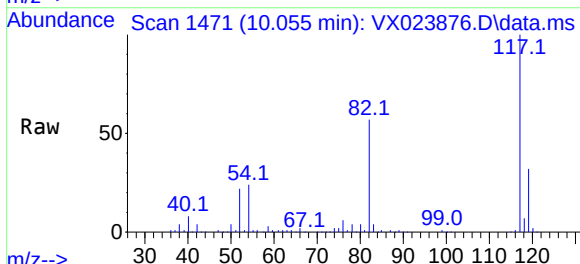
Instrument :
MSVOA_X
ClientSampleId :

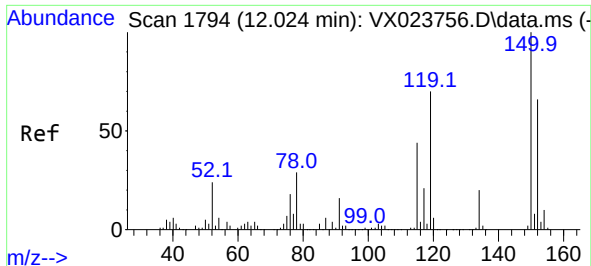
Tgt Ion: 95 Resp: 93686
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 78.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion: 117 Resp: 210728
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.8 26.6 39.8

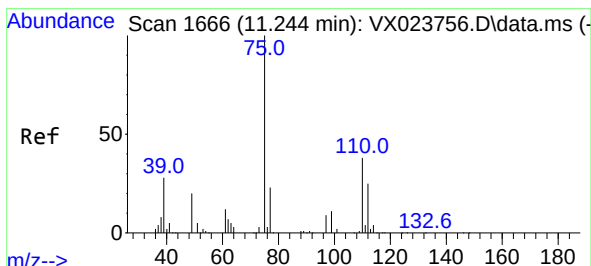
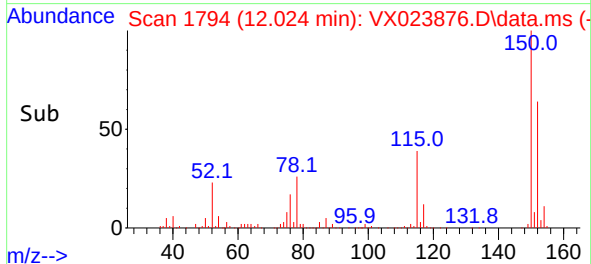
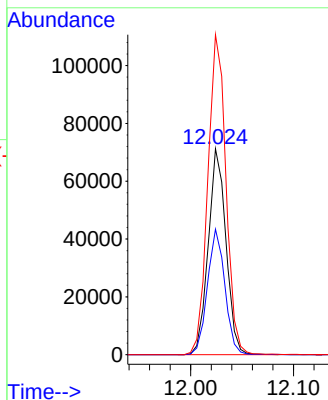
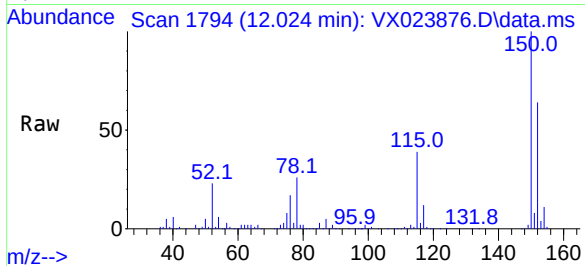




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

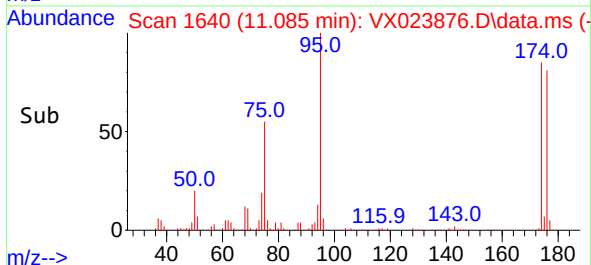
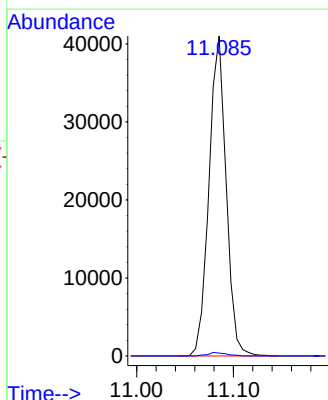
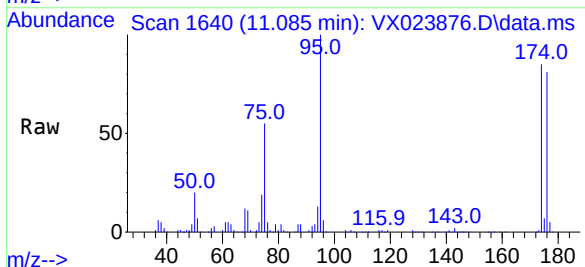
Instrument :
MSVOA_X
ClientSampled :

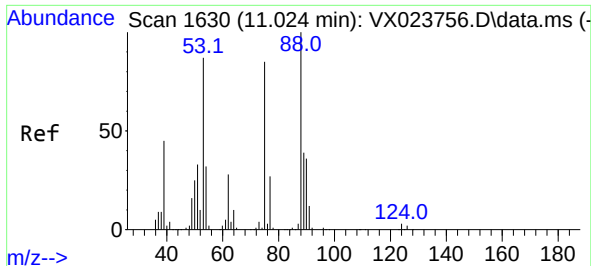
Tgt Ion:152 Resp: 85411
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 158.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.373 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion: 75 Resp: 50553
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

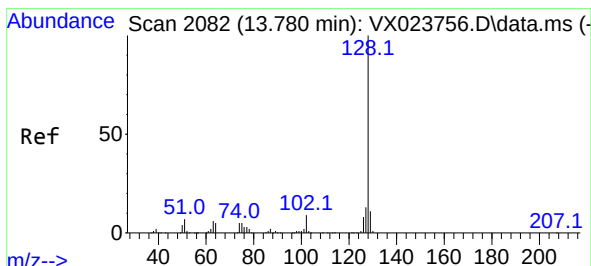
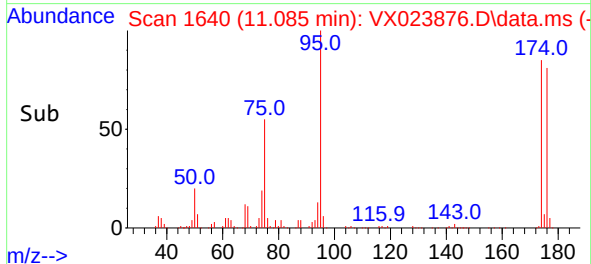
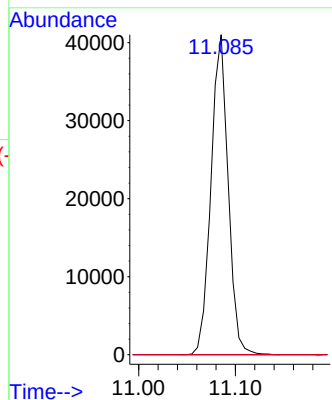
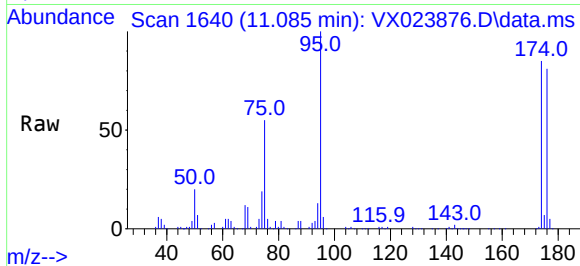




#81
trans-1,4-Dichloro-2-butene
Concen: 74.635 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 50553
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.320 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023876.D
Acq: 20 Aug 2021 14:46

Tgt Ion: 128 Resp: 240
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

