

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023233.D
 Acq On : 12 Jul 2021 10:22
 Operator : JC/MD
 Sample : VX0712MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 12 15:43:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

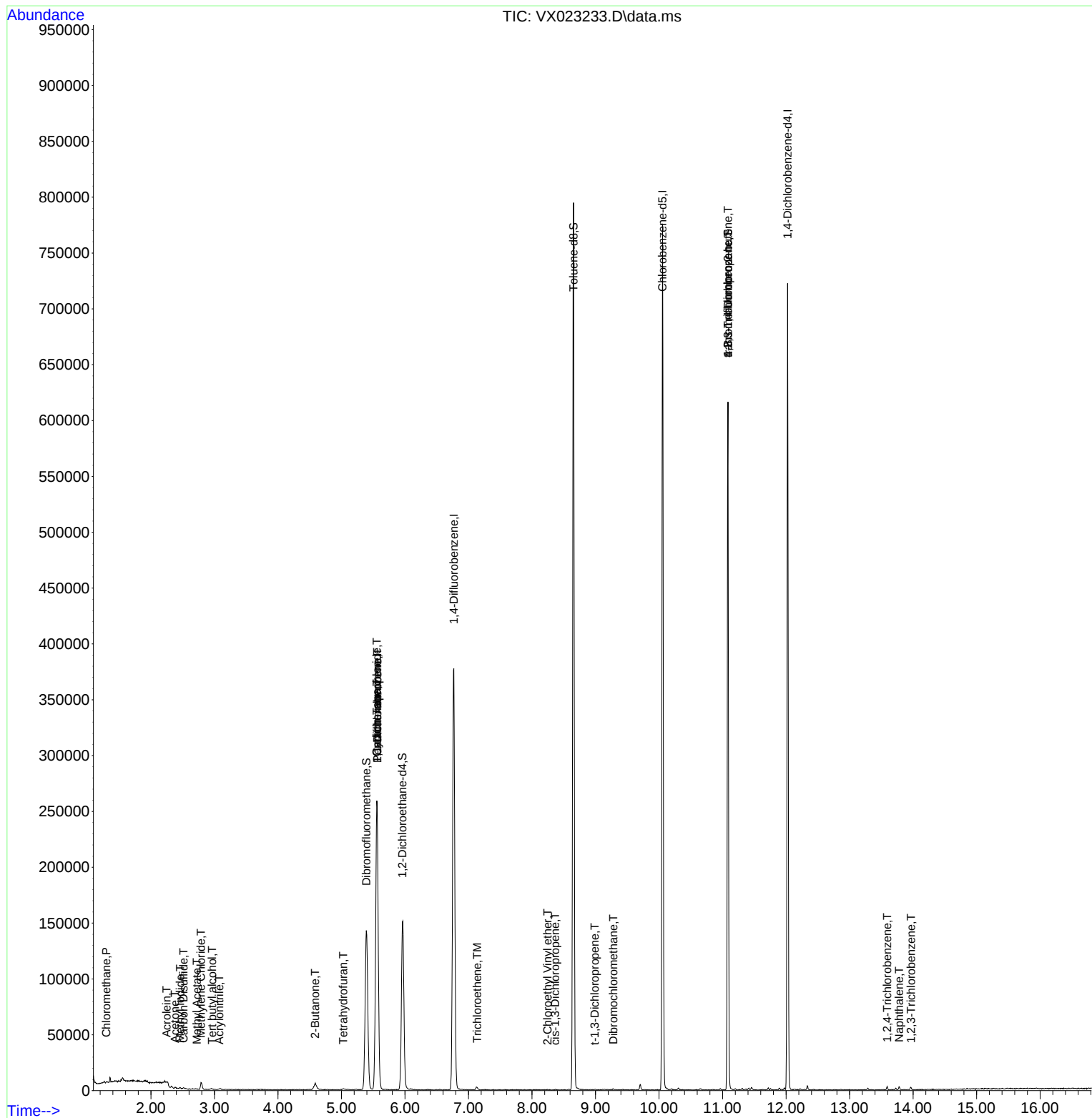
Internal Standards						
1) Pentafluorobenzene	5.562	168	246461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	394997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154632	46.682	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.360%		
35) Dibromofluoromethane	5.391	113	125921	49.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.653	98	462516	48.610	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.220%		
62) 4-Bromofluorobenzene	11.085	95	165038	44.930	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.860%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	632	0.286	ug/l #	73
5) Bromomethane	1.630	94	650	Below Cal	#	61
10) Methyl Iodide	2.459	142	936	0.320	ug/l	94
11) Tert butyl alcohol	2.965	59	498	0.715	ug/l	99
13) Acrolein	2.245	56	490	1.056	ug/l #	34
15) Acrylonitrile	3.075	53	376	0.277	ug/l #	78
16) Acetone	2.380	43	995	0.759	ug/l	93
17) Carbon Disulfide	2.514	76	1261	0.272	ug/l #	82
18) Methyl Acetate	2.721	43	723	0.227	ug/l #	59
20) Methylene Chloride	2.788	84	2829	1.003	ug/l	92
25) 2-Butanone	4.586	43	743	0.376	ug/l #	45
29) Tetrahydrofuran	5.025	42	604	0.475	ug/l #	79
31) Cyclohexane	5.556	56	4642	1.170	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	19075	5.417	ug/l #	49
38) Carbon Tetrachloride	5.556	117	25401	6.911	ug/l #	17
44) Trichloroethene	7.135	130	1098	0.379	ug/l	91
53) t-1,3-Dichloropropene	8.988	75	249	2.790	ug/l #	44
54) cis-1,3-Dichloropropene	8.366	75	80	2.190	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.244	63	54	4.712	ug/l #	45
60) Dibromochloromethane	9.281	129	95	3.141	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	83169	28.182	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	83169	75.958	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	700	0.236	ug/l	78
95) Naphthalene	13.780	128	1992	1.453	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	653	0.219	ug/l	83

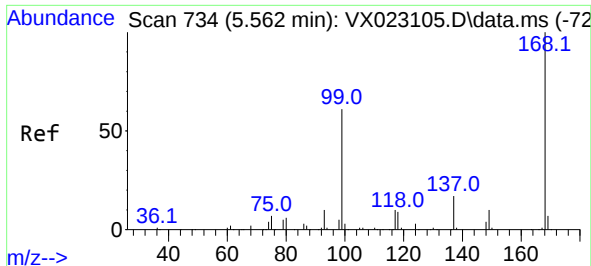
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
Data File : VX023233.D
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Sample : VX0712MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 12 15:43:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

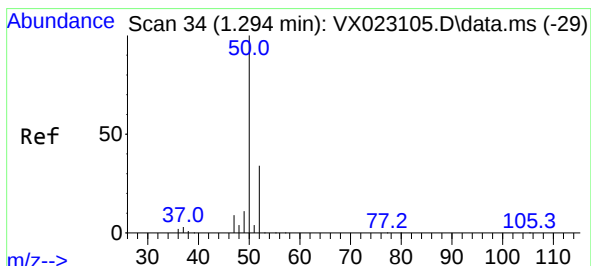
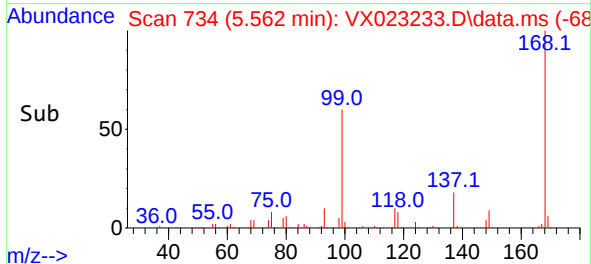
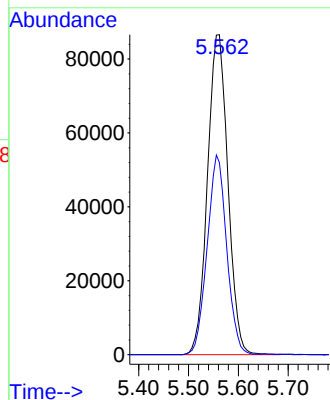
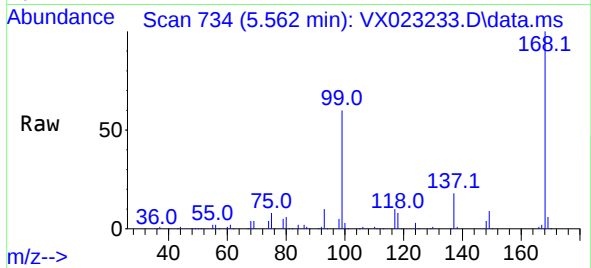




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

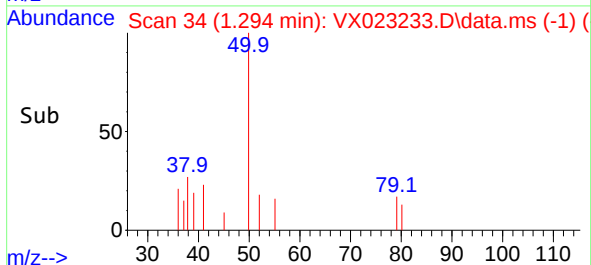
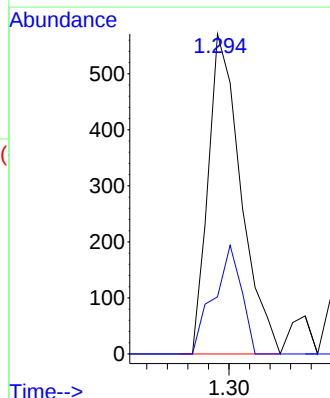
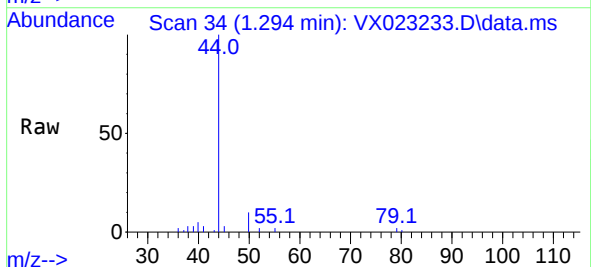
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 246461
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6

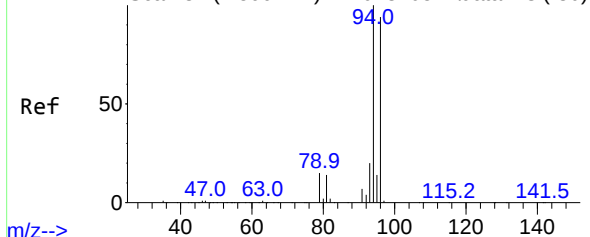


#3
Chloromethane
Concen: 0.286 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 50 Resp: 632
Ion Ratio Lower Upper
50 100
52 17.9 26.4 39.6#



Abundance Scan 84 (1.599 min): VX023105.D\data.ms (-80)

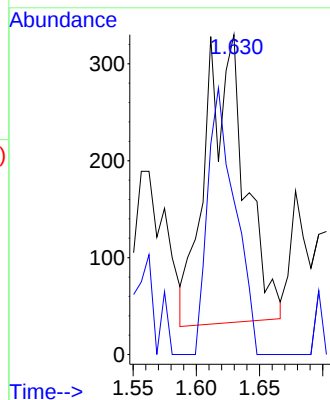
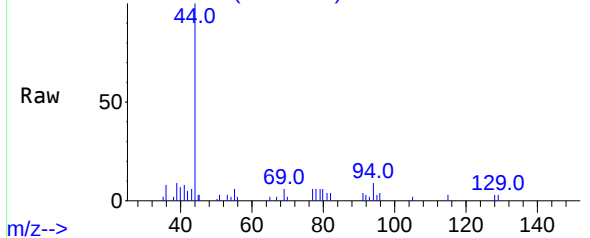


#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

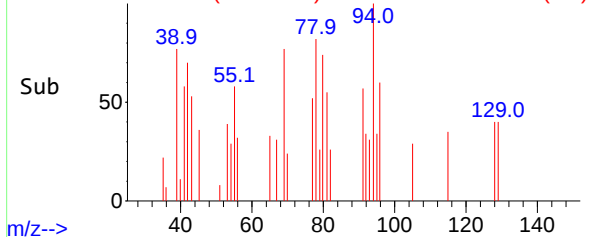
Tgt Ion: 94 Resp: 650
Ion Ratio Lower Upper
94 100
96 57.6 76.4 114.6#

Instrument :
MSVOA_X
ClientSampled :

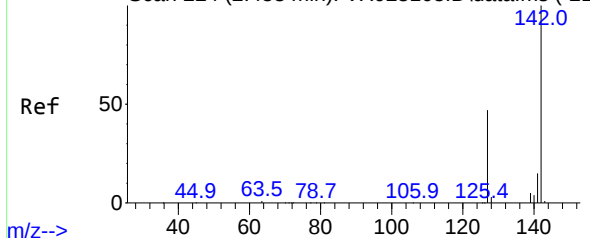
Abundance Scan 89 (1.630 min): VX023233.D\data.ms



Abundance Scan 89 (1.630 min): VX023233.D\data.ms (-35)



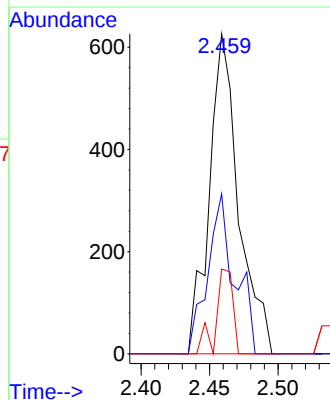
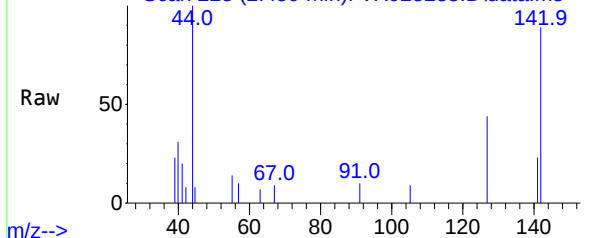
Abundance Scan 224 (2.453 min): VX023105.D\data.ms (-21)



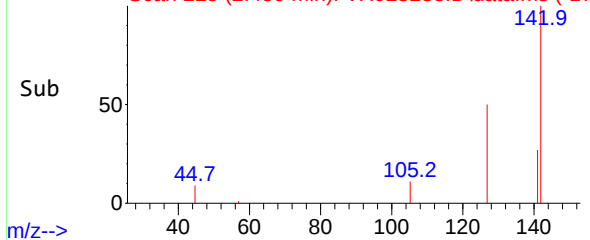
#10
Methyl Iodide
Concen: 0.320 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

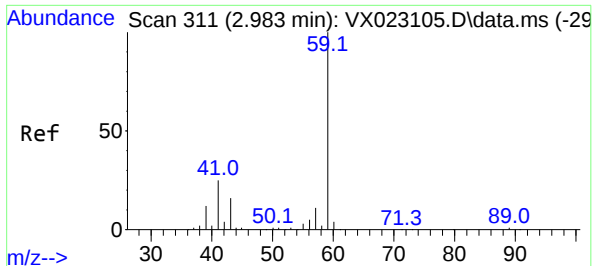
Tgt Ion:142 Resp: 936
Ion Ratio Lower Upper
142 100
127 45.9 33.3 49.9
141 15.2 11.4 17.0

Abundance Scan 225 (2.459 min): VX023233.D\data.ms



Abundance Scan 225 (2.459 min): VX023233.D\data.ms (-17)



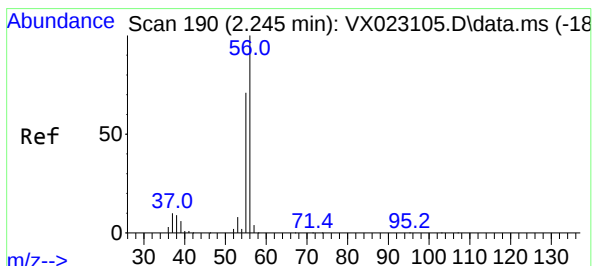
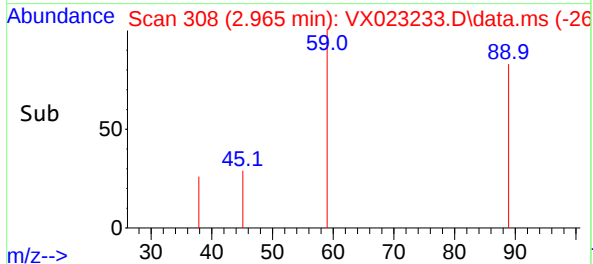
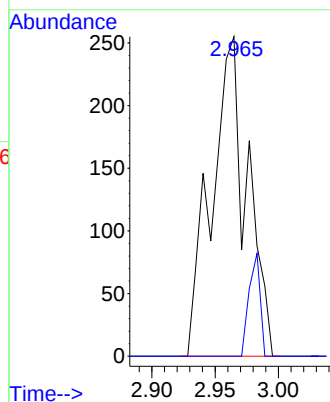
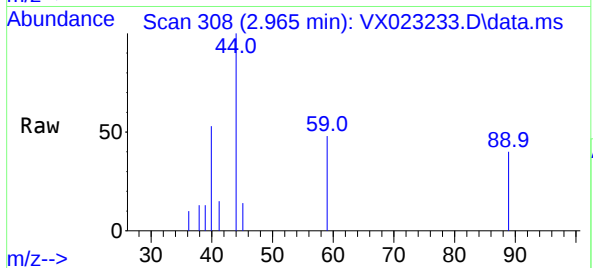


#11

Tert butyl alcohol
Concen: 0.715 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Instrument :
MSVOA_X
ClientSampled :

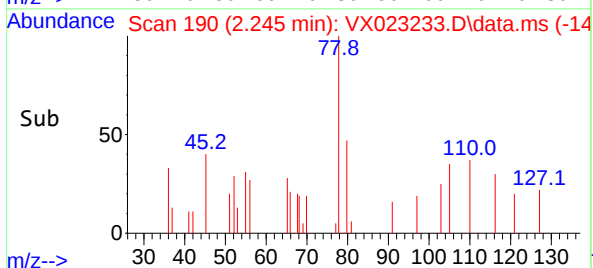
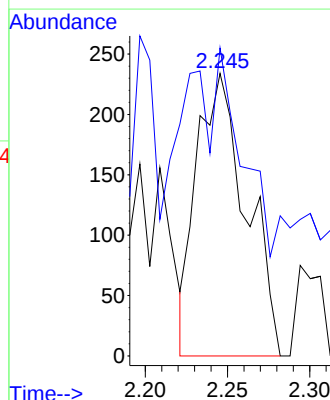
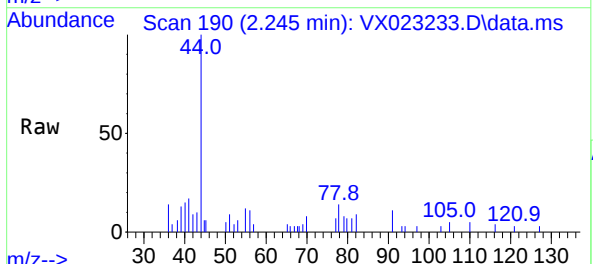
Tgt Ion: 59 Resp: 498
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

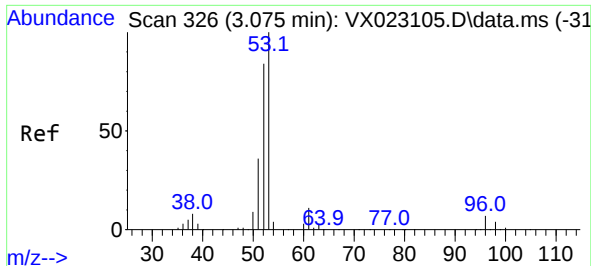


#13

Acrolein
Concen: 1.056 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 56 Resp: 490
Ion Ratio Lower Upper
56 100
55 16.5 56.4 84.6#

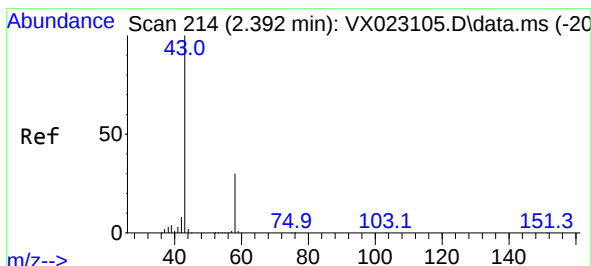
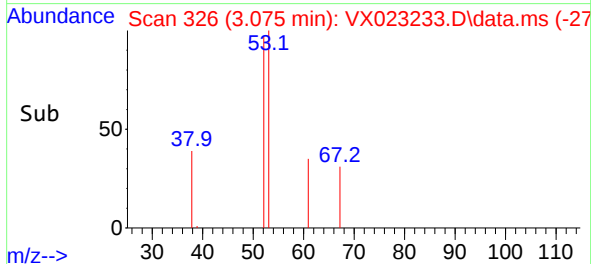
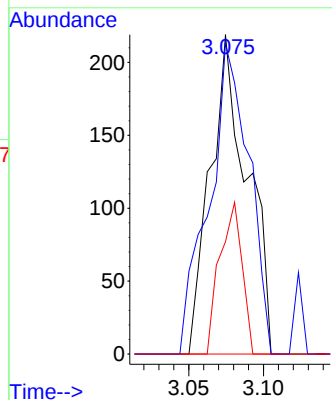
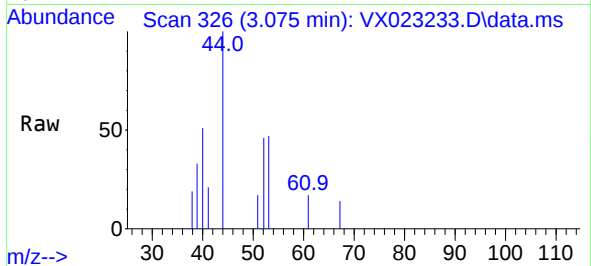




#15
Acrylonitrile
Concen: 0.277 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

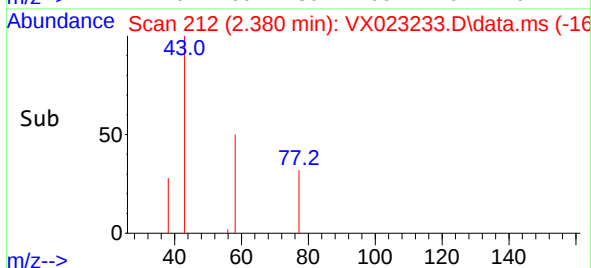
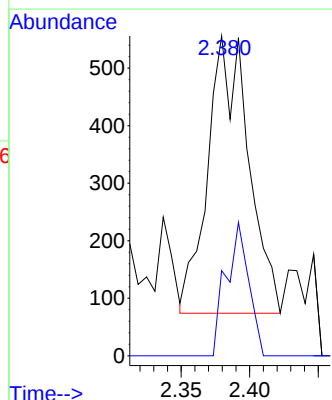
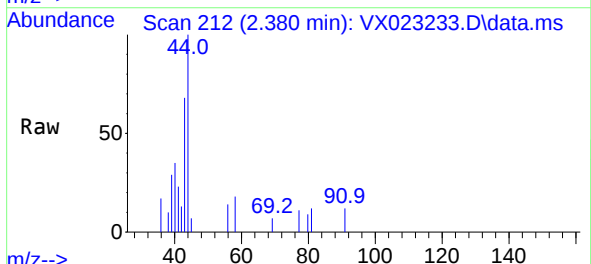
Instrument :
MSVOA_X
ClientSampled :

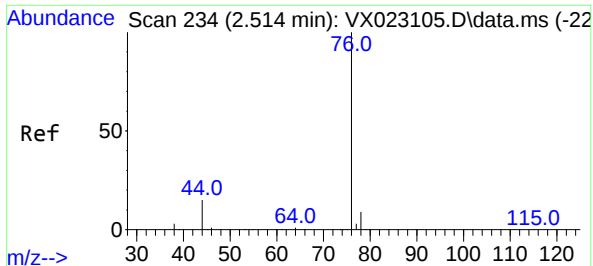
Tgt Ion: 53 Resp: 376
Ion Ratio Lower Upper
53 100
52 105.1 65.3 97.9#
51 28.7 28.2 42.2



#16
Acetone
Concen: 0.759 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8

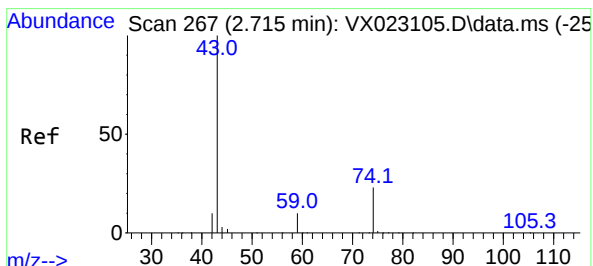
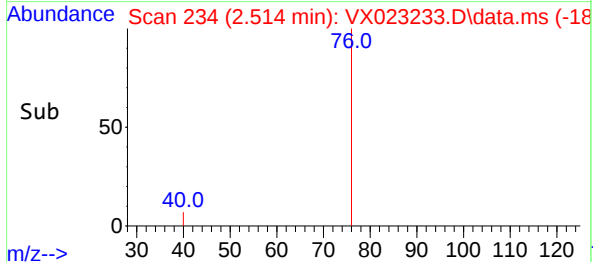
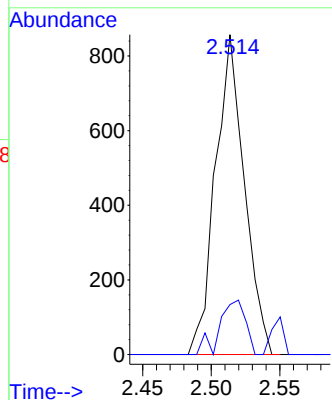
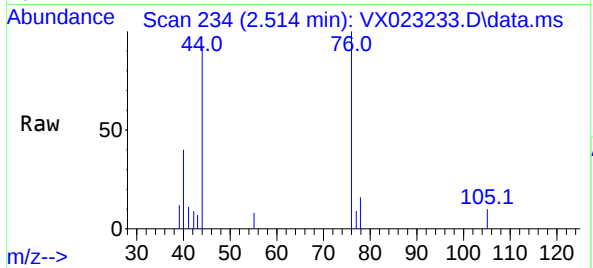




#17
Carbon Disulfide
Concen: 0.272 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

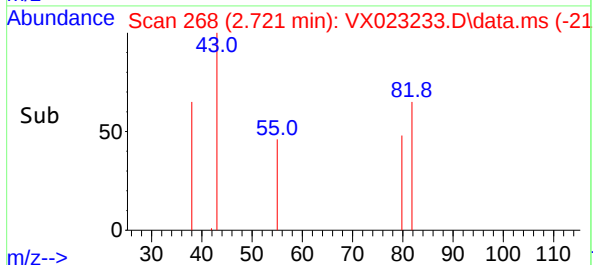
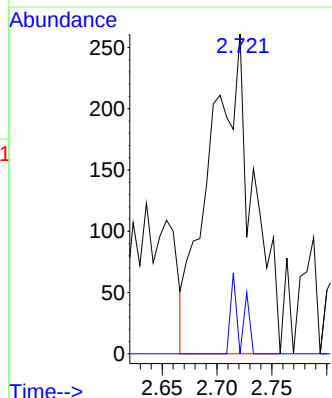
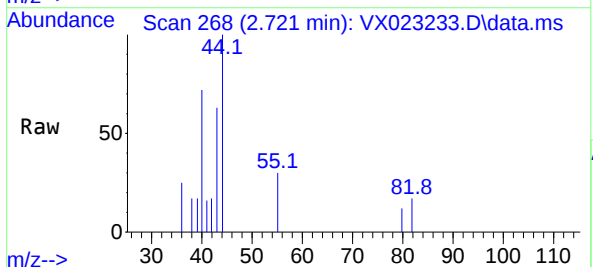
Instrument :
MSVOA_X
ClientSampled :

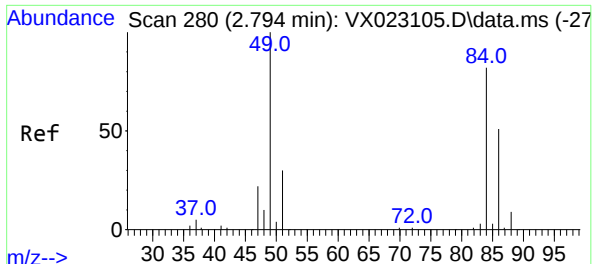
Tgt Ion: 76 Resp: 1261
Ion Ratio Lower Upper
76 100
78 15.6 7.2 10.8#



#18
Methyl Acetate
Concen: 0.227 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
74 5.8 21.9 32.9#





#20

Methylene Chloride

Concen: 1.003 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023233.D

Acq: 12 Jul 2021 10:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2829

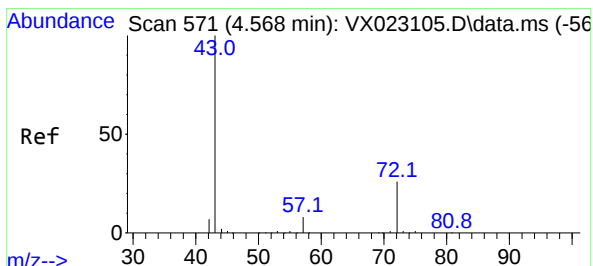
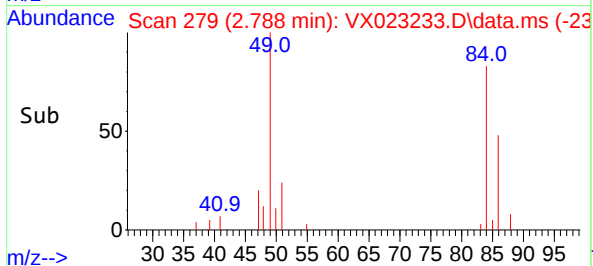
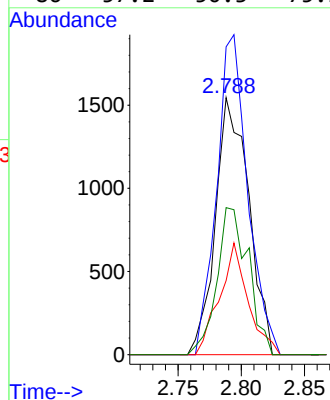
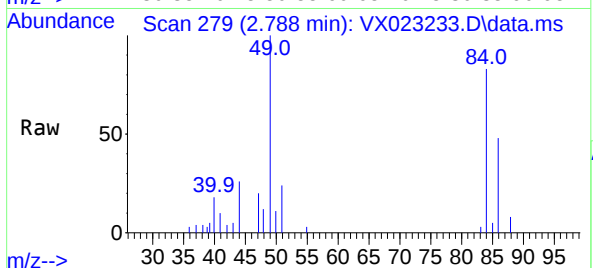
Ion Ratio Lower Upper

84 100

49 119.8 88.6 132.8

51 28.8 27.0 40.6

86 57.2 50.3 75.5



#25

2-Butanone

Concen: 0.376 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX023233.D

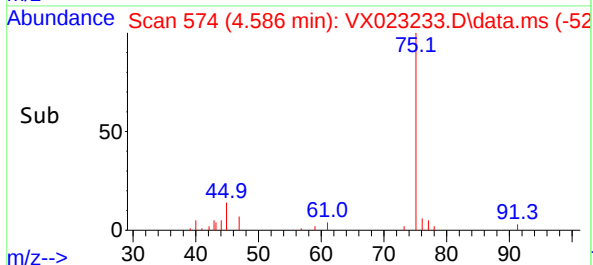
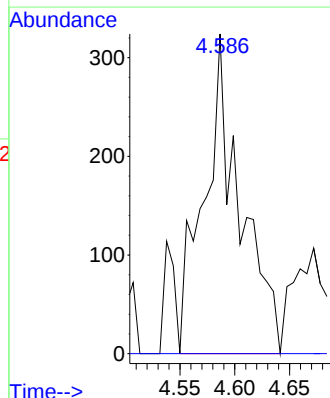
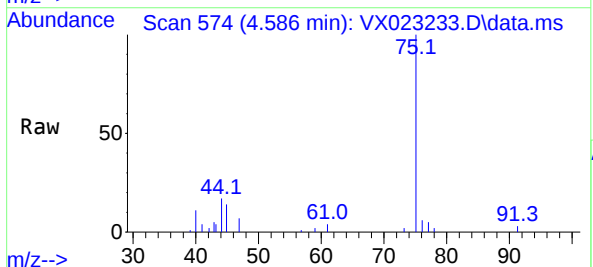
Acq: 12 Jul 2021 10:22

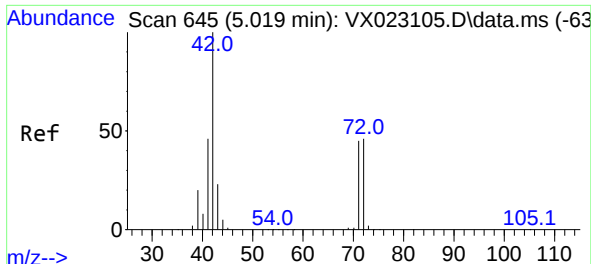
Tgt Ion: 43 Resp: 743

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

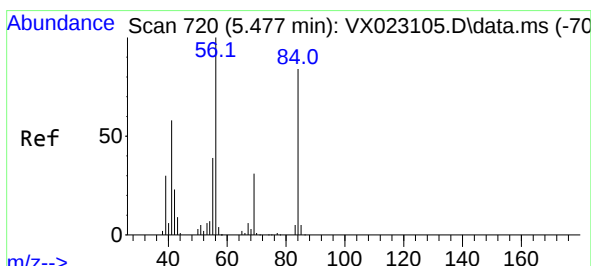
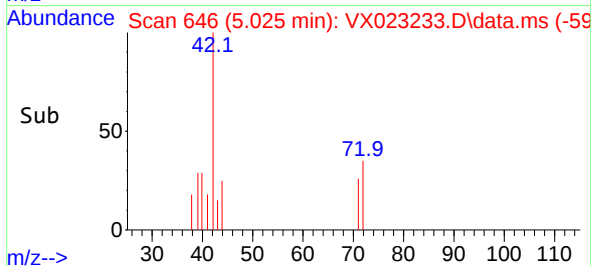
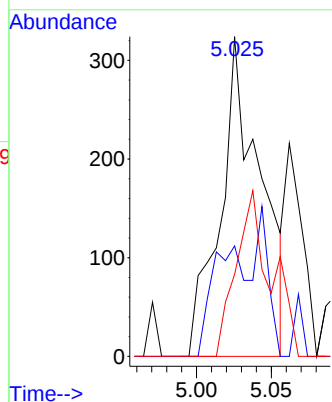
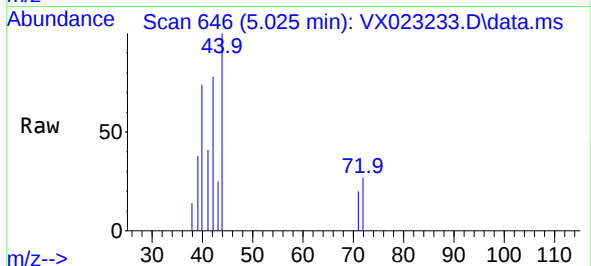




#29
Tetrahydrofuran
Concen: 0.475 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

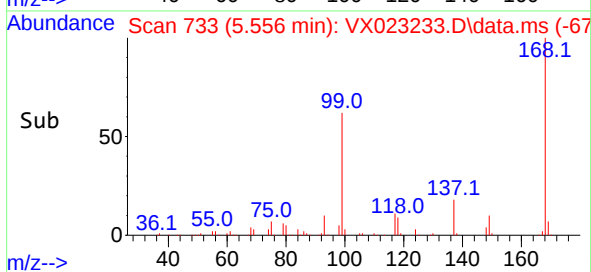
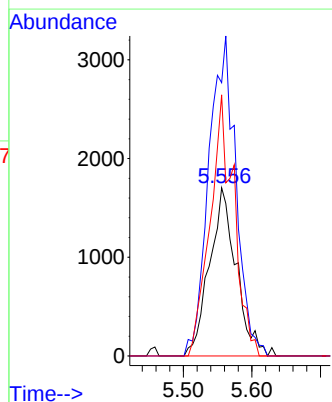
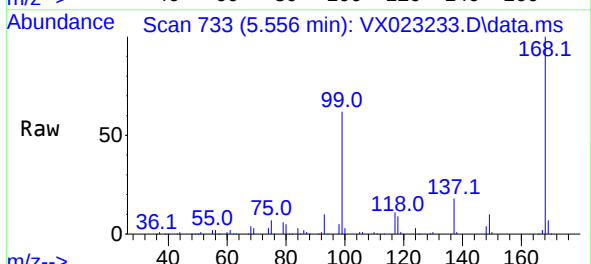
Instrument :
MSVOA_X
ClientSampled :

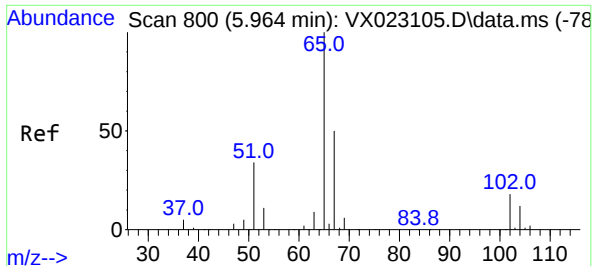
Tgt Ion: 42 Resp: 604
Ion Ratio Lower Upper
42 100
72 27.3 41.7 62.5#
71 44.7 38.4 57.6



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 56 Resp: 4642
Ion Ratio Lower Upper
56 100
69 162.4 25.3 37.9#
84 155.3 71.4 107.0#



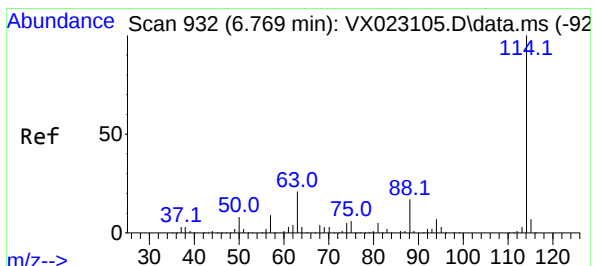
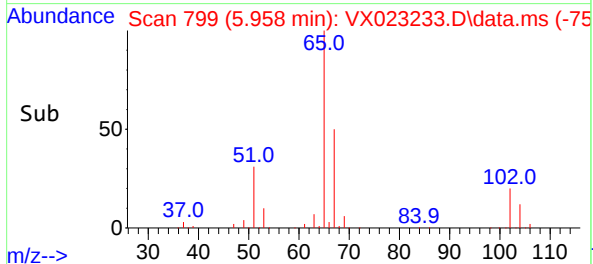
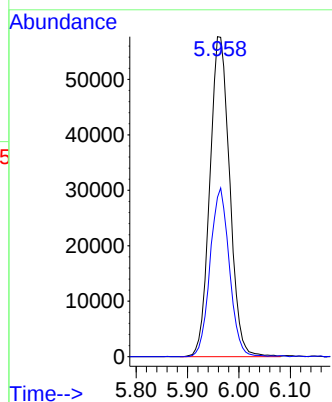
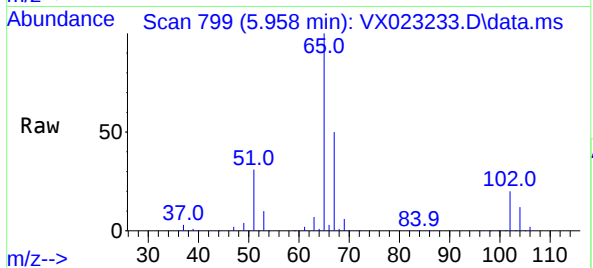


#33

1,2-Dichloroethane-d4
Concen: 46.682 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Instrument :
MSVOA_X
ClientSampled :

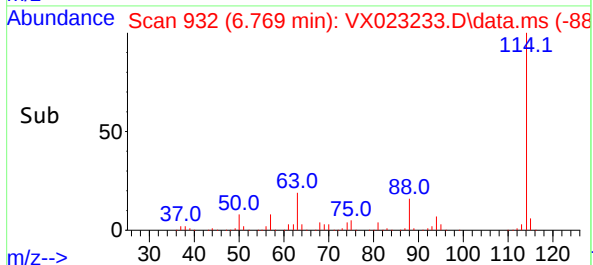
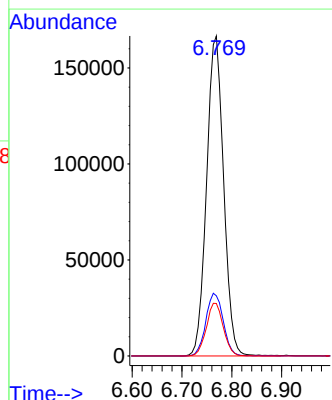
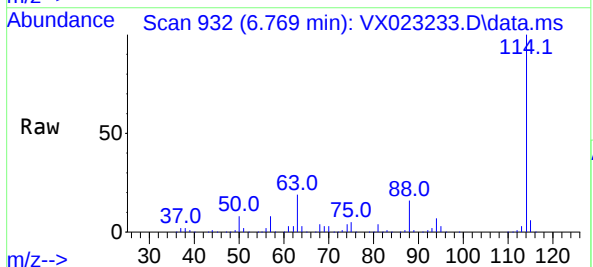
Tgt Ion: 65 Resp: 154632
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

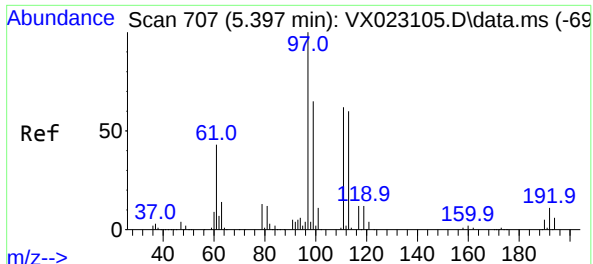


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 114 Resp: 394997
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 16.4 0.0 32.8



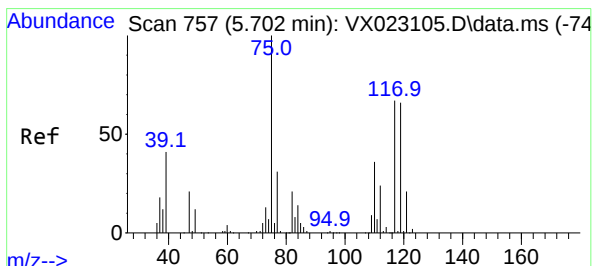
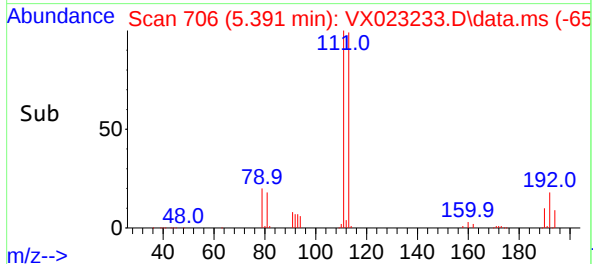
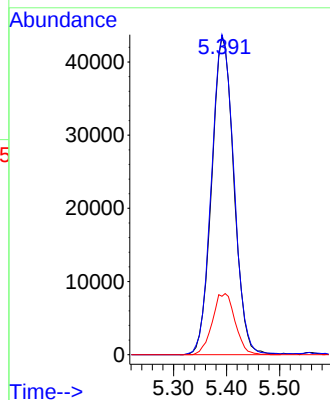
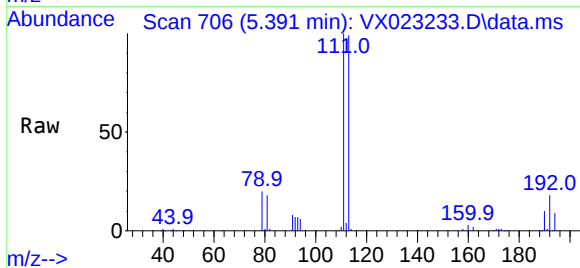


#35
Dibromofluoromethane
Concen: 49.367 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:113 Resp: 125921

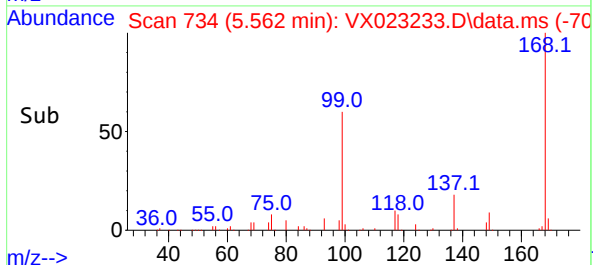
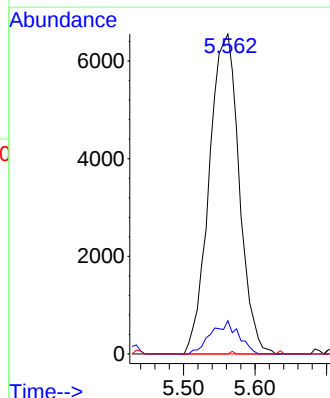
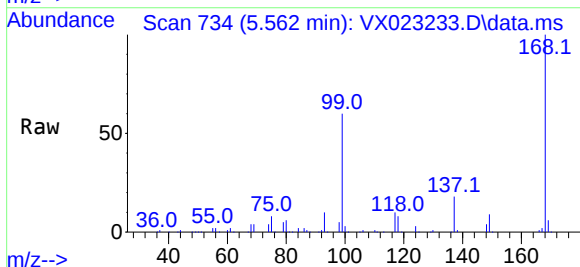
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	19.8	16.7	25.1

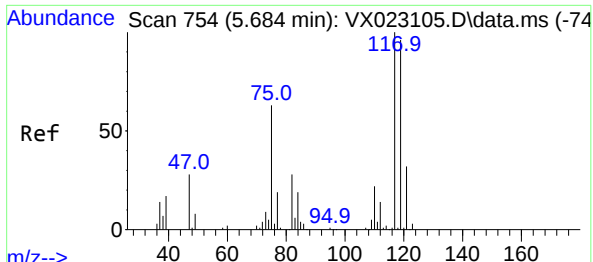


#36
1,1-Dichloropropene
Concen: 5.417 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 75 Resp: 19075

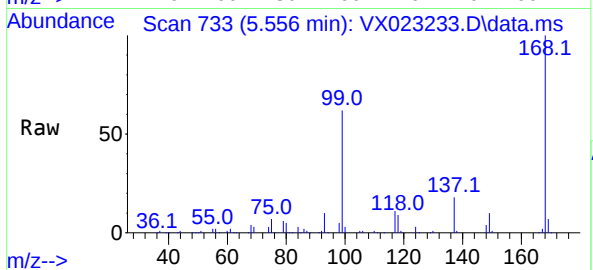
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.1	25.3	37.9#



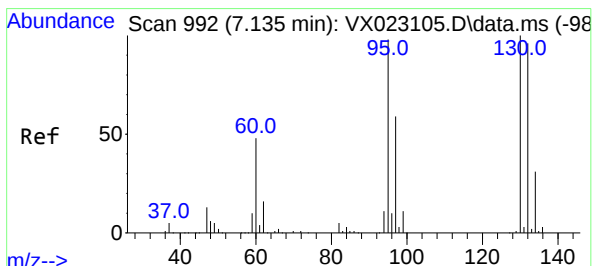
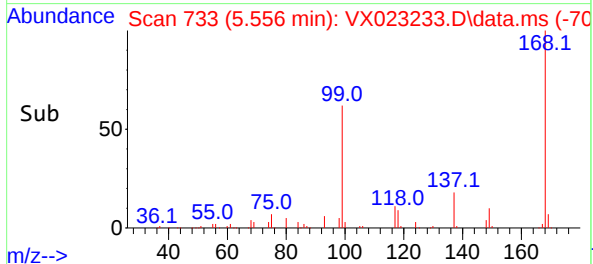
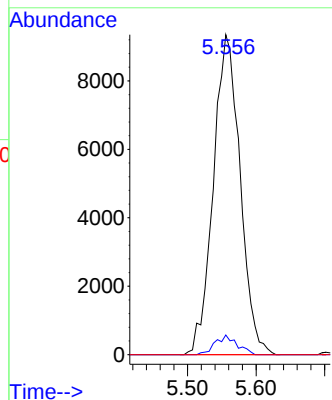


#38
Carbon Tetrachloride
Concen: 6.911 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Instrument :
MSVOA_X
ClientSampled :

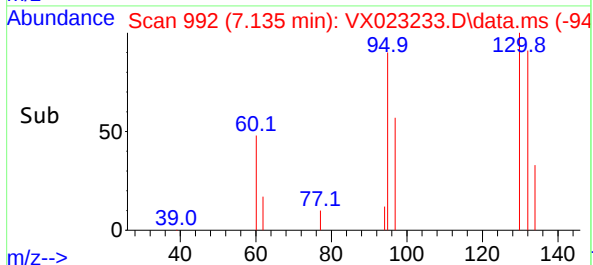
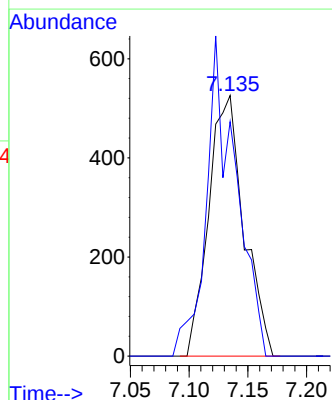
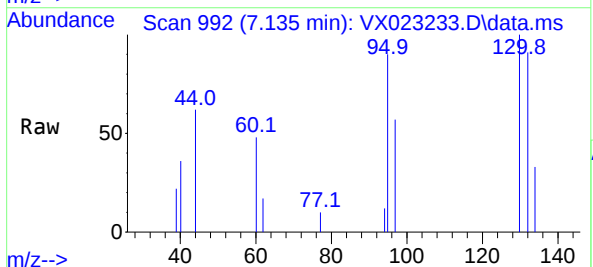


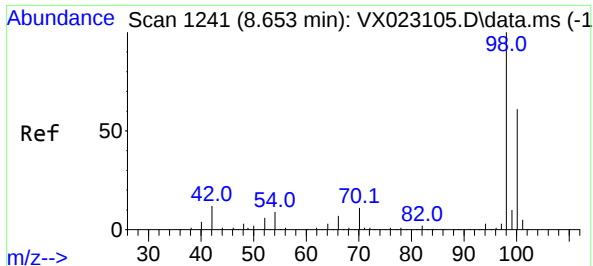
Tgt Ion:117 Resp: 25401
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.379 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion:130 Resp: 1098
Ion Ratio Lower Upper
130 100
95 89.9 0.0 198.0

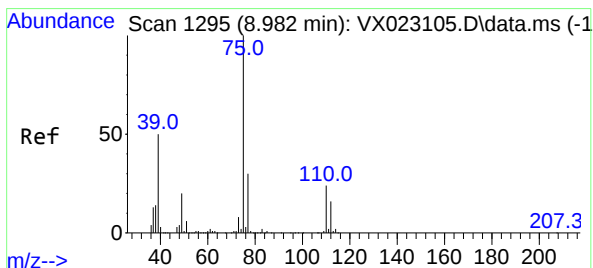
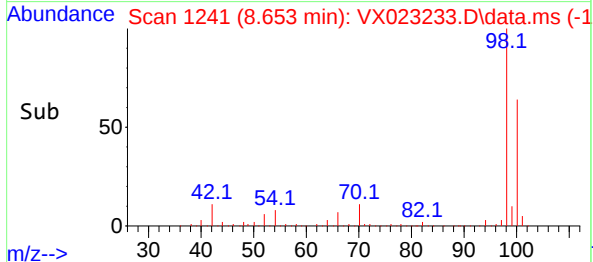
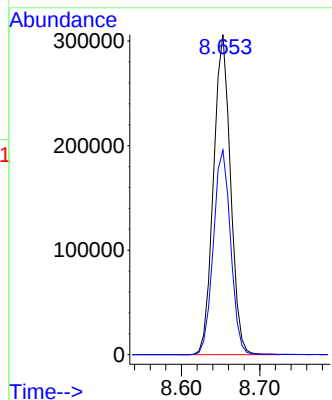
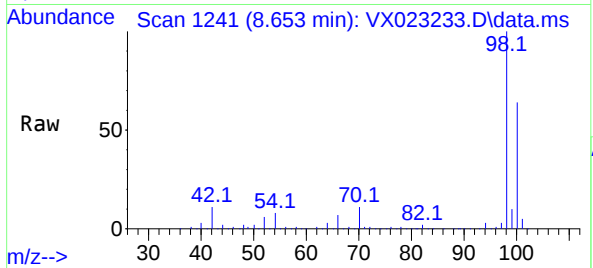




#50
Toluene-d8
Concen: 48.610 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

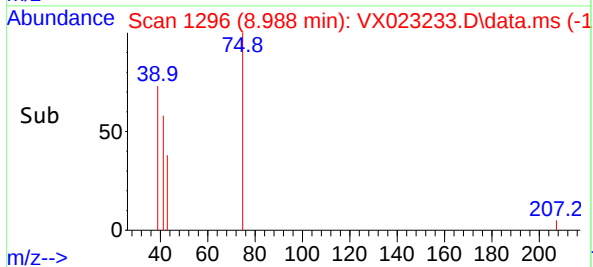
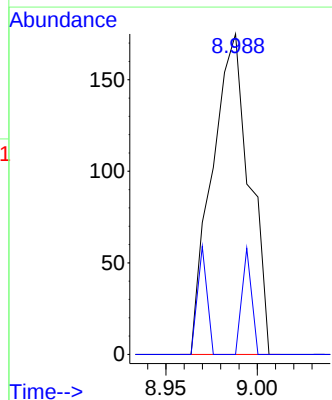
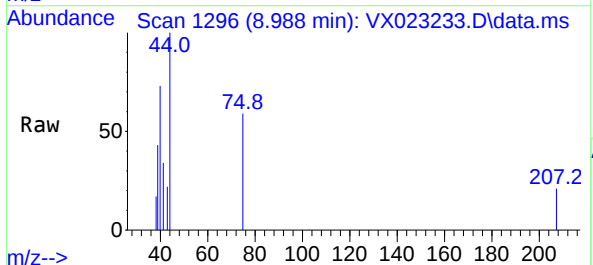
Instrument :
MSVOA_X
ClientSampled :

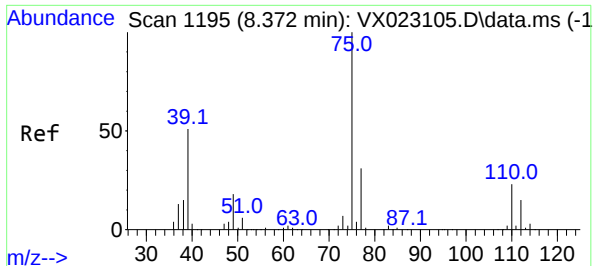
Tgt Ion: 98 Resp: 462516
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.790 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 75 Resp: 249
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

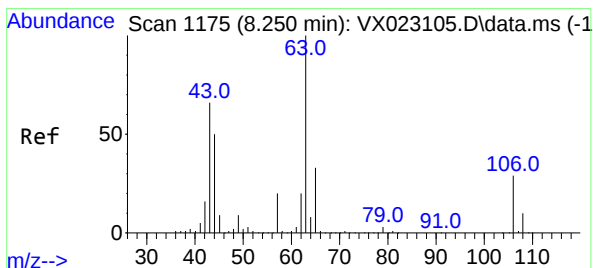
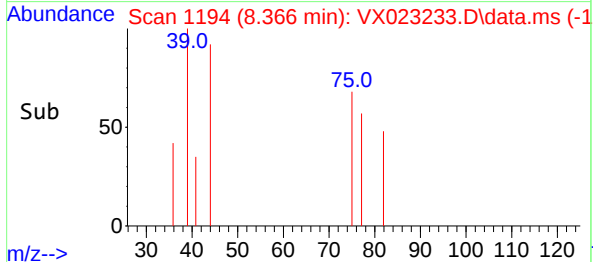
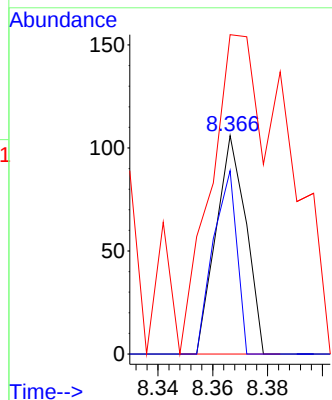
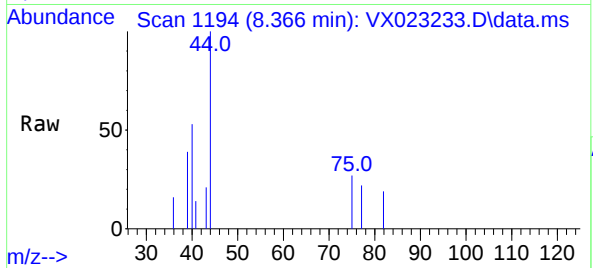




#54
 cis-1,3-Dichloropropene
 Concen: 2.190 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX023233.D
 Acq: 12 Jul 2021 10:22

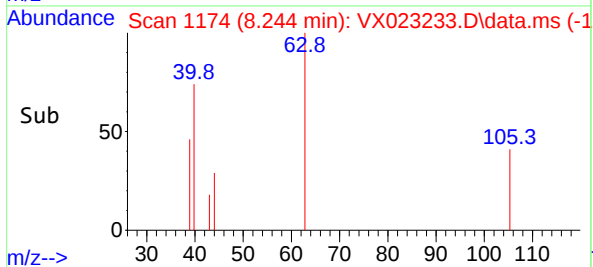
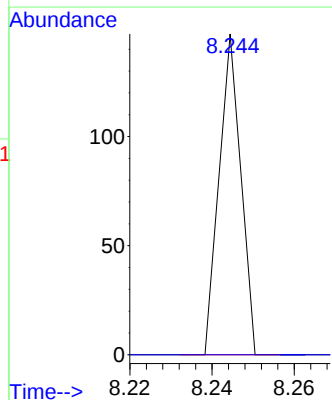
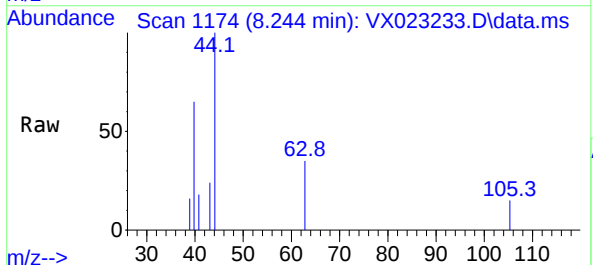
Instrument :
 MSVOA_X
 ClientSampled :

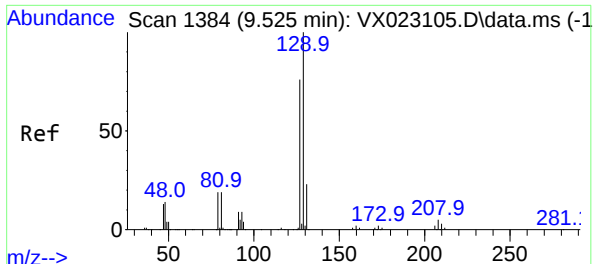
Tgt Ion:	75	Resp:	80
Ion	Ratio	Lower	Upper
75	100		
77	84.0	25.7	38.5#
39	146.2	35.1	52.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.712 ug/l
 RT: 8.244 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: VX023233.D
 Acq: 12 Jul 2021 10:22

Tgt Ion:	63	Resp:	54
Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.5	35.3#

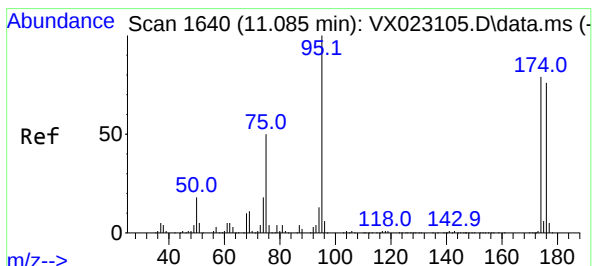
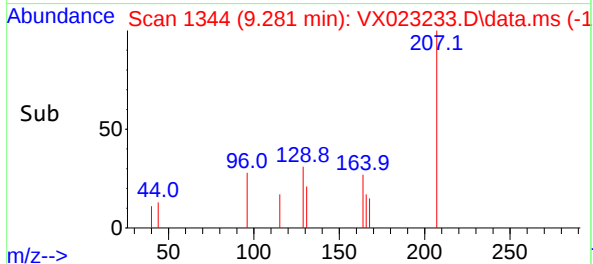
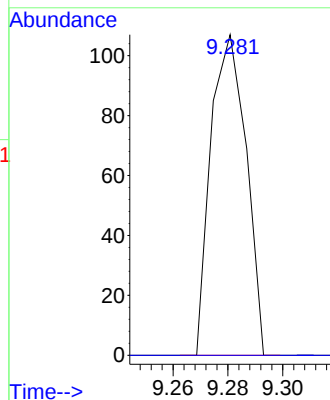
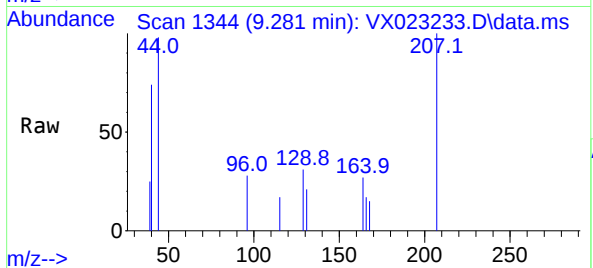




#60
Dibromochloromethane
Concen: 3.141 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

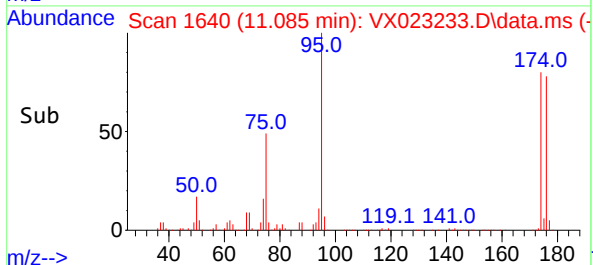
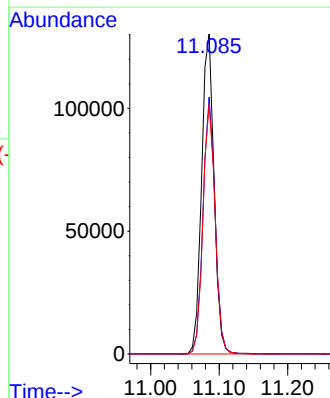
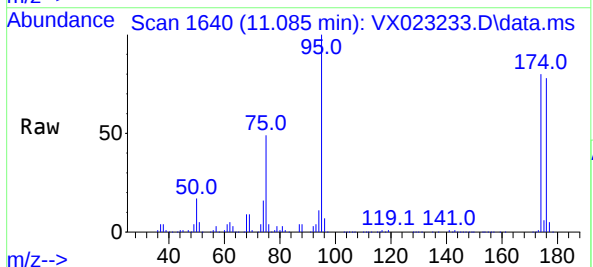
Instrument :
MSVOA_X
ClientSampled :

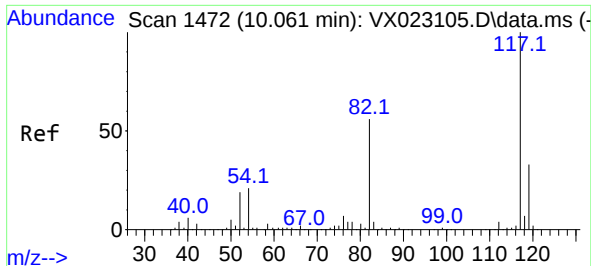
Tgt Ion:129 Resp: 95
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.930 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 95 Resp: 165038
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 76.2 0.0 155.8

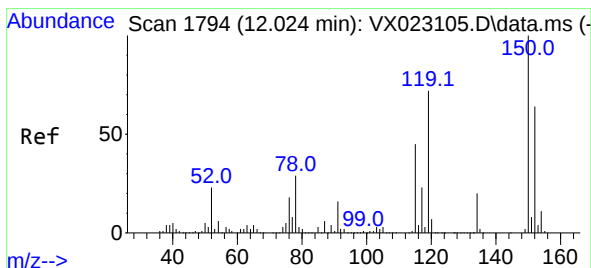
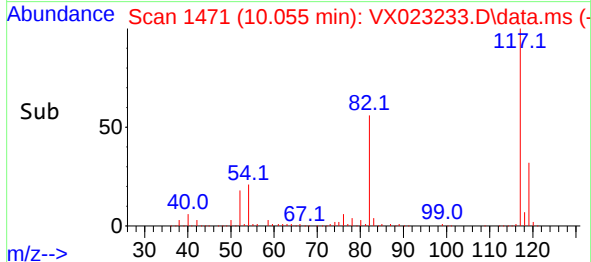
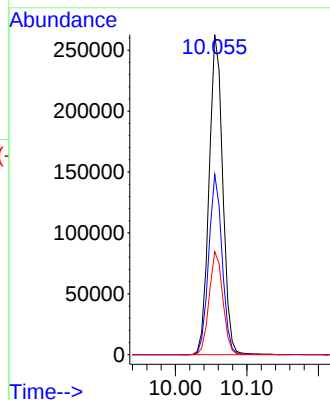
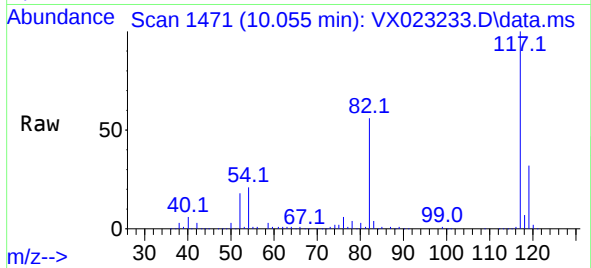




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

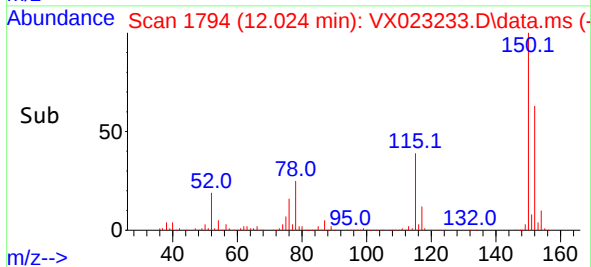
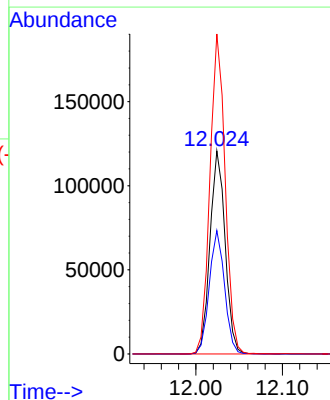
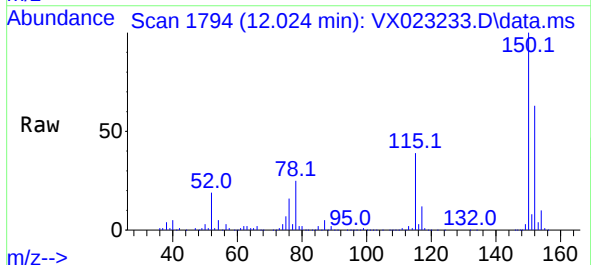
Instrument :
MSVOA_X
ClientSampled :

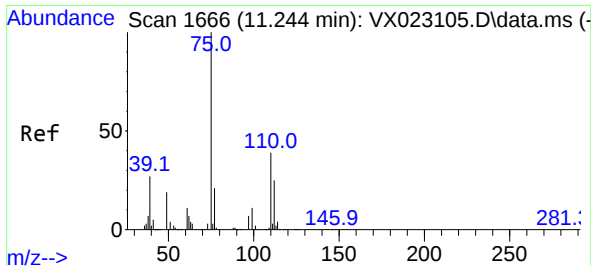
Tgt Ion:117 Resp: 348180
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion:152 Resp: 146653
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 157.9 0.0 349.0

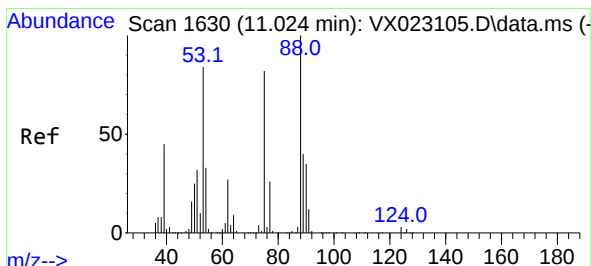
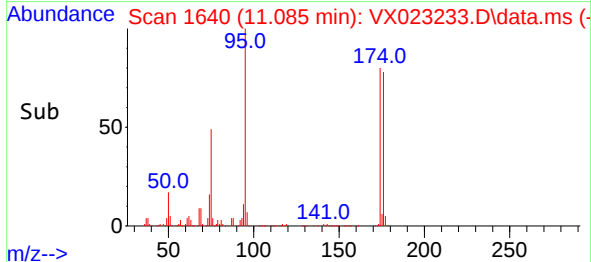
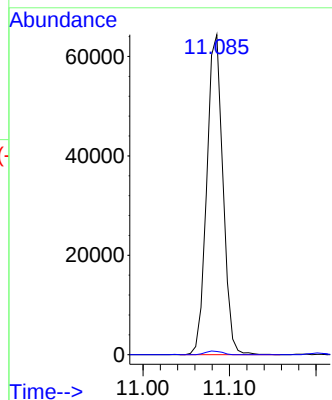
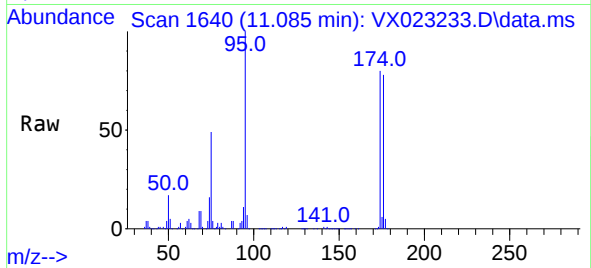




#76
1,2,3-Trichloropropane
Concen: 28.182 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

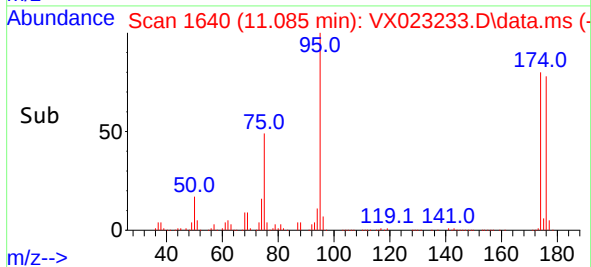
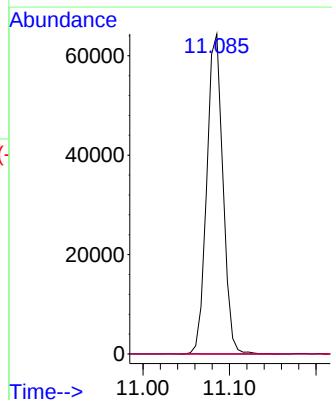
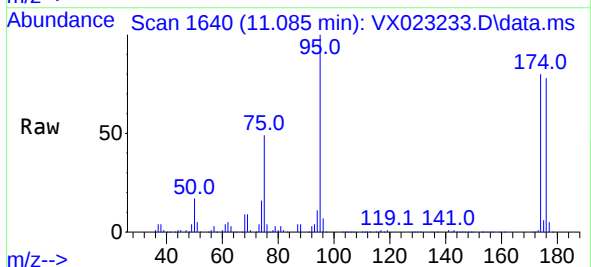
Instrument :
MSVOA_X
ClientSampled :

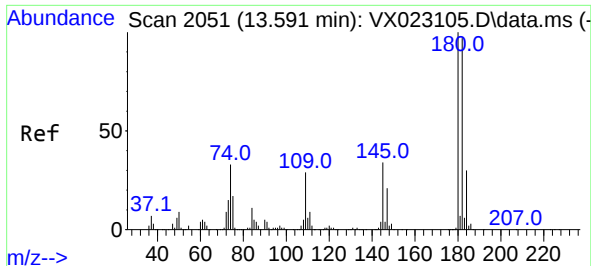
Tgt Ion: 75 Resp: 83169
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.958 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

Tgt Ion: 75 Resp: 83169
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

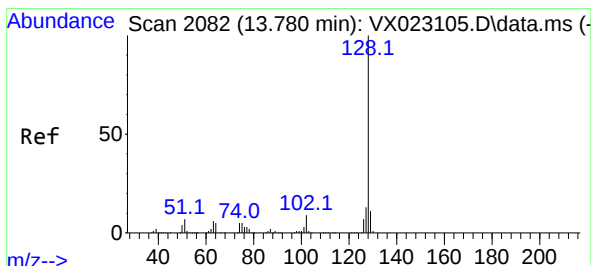
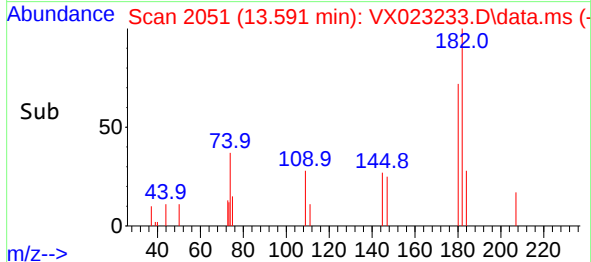
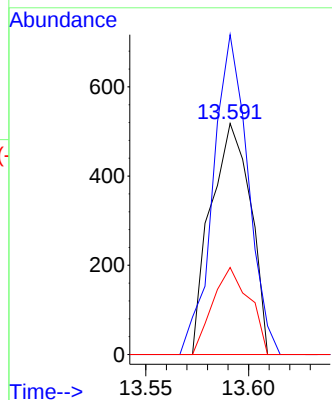
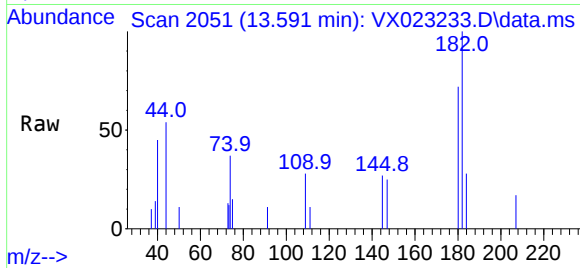




#93
1,2,4-Trichlorobenzene
Concen: 0.236 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

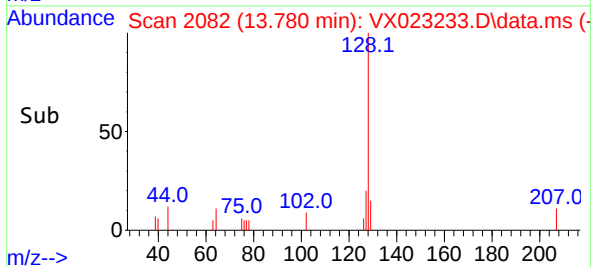
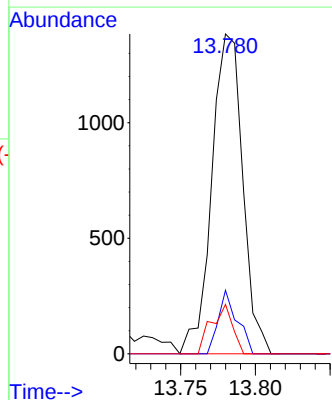
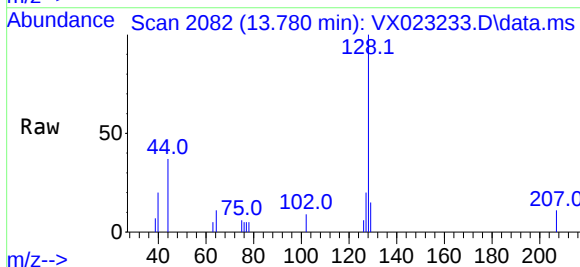
Instrument :
MSVOA_X
ClientSampled :

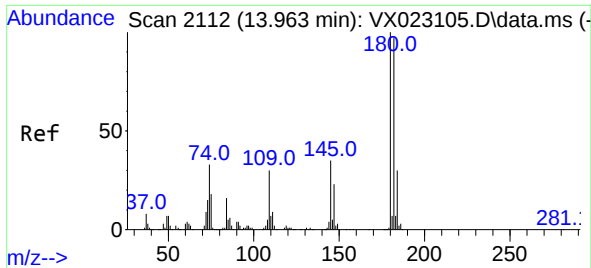
Tgt Ion:180 Resp: 700
Ion Ratio Lower Upper
180 100
182 120.9 47.7 143.1
145 34.7 15.0 45.0



#95
Naphthalene
Concen: 1.453 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023233.D
Acq: 12 Jul 2021 10:22

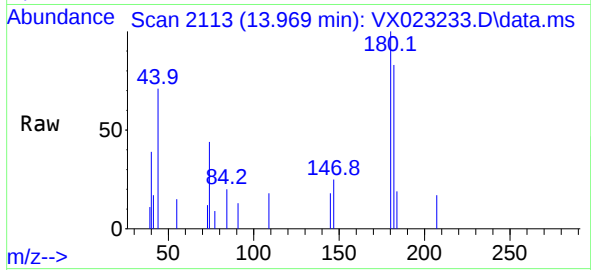
Tgt Ion:128 Resp: 1992
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 10.6 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.219 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX023233.D
 Acq: 12 Jul 2021 10:22

Instrument :
 MSVOA_X
 ClientSampled :



Tgt Ion:180 Resp: 653

Ion	Ratio	Lower	Upper
180	100		
182	115.5	47.6	142.9
145	29.6	16.1	48.3

