

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023234.D
 Acq On : 12 Jul 2021 12:01
 Operator : JC/MD
 Sample : VX0712WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:28:19 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	5.556	168	235310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	379741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137755	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153931	48.673	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.340%
35) Dibromofluoromethane	5.397	113	120064	48.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	8.653	98	446501	48.812	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.085	95	157775	44.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.360%

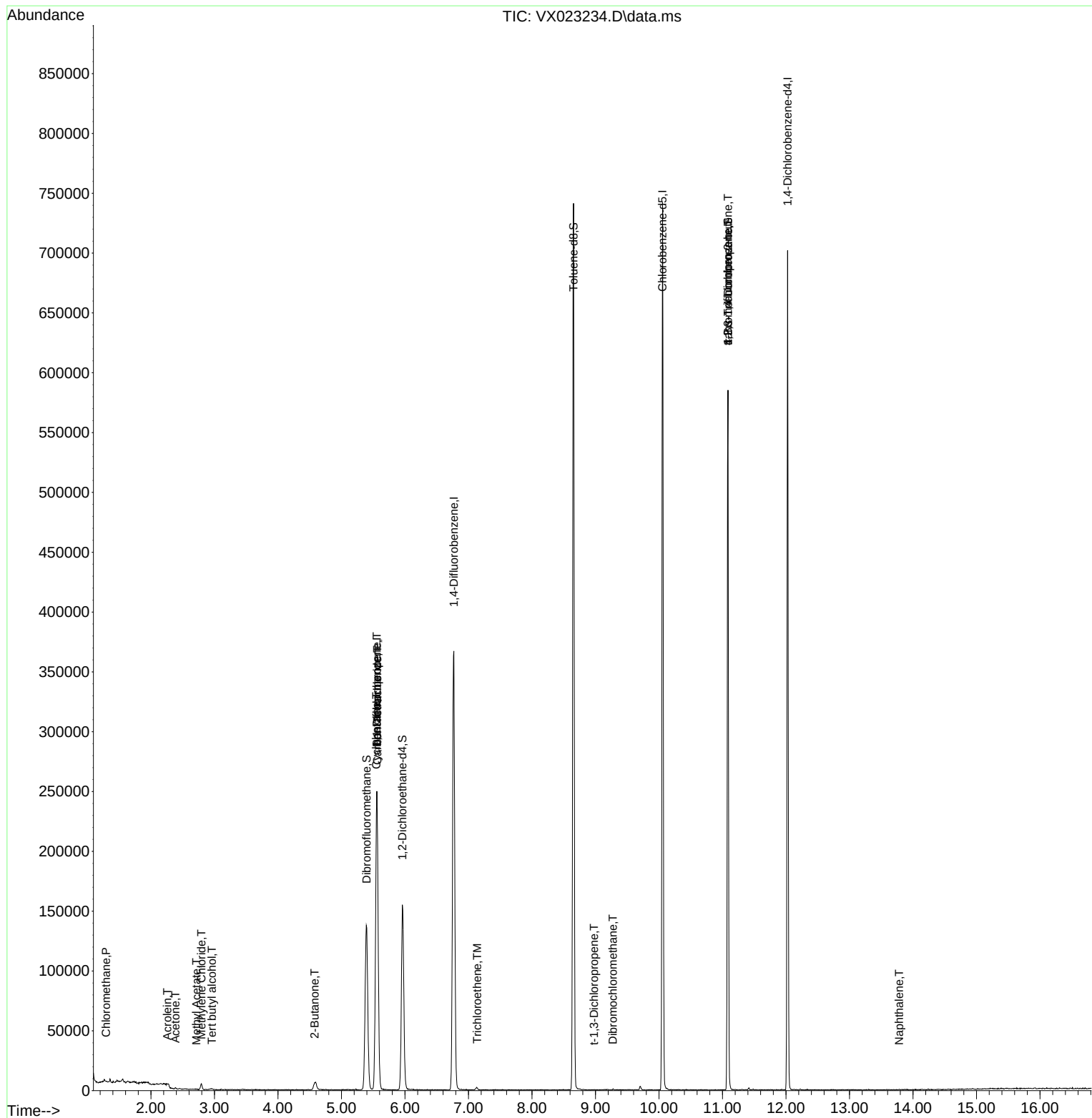
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	488	0.231 ug/l	#	75
5) Bromomethane	1.618	94	670	Below Cal	#	73
11) Tert butyl alcohol	2.959	59	651	0.978 ug/l	#	73
13) Acrolein	2.258	56	106	0.239 ug/l	#	1
16) Acetone	2.386	43	951	0.760 ug/l	#	69
18) Methyl Acetate	2.715	43	627	0.206 ug/l	#	47
20) Methylene Chloride	2.794	84	2010	0.746 ug/l	#	85
25) 2-Butanone	4.574	43	416	0.220 ug/l	#	45
31) Cyclohexane	5.550	56	4793	1.266 ug/l	#	6
36) 1,1-Dichloropropene	5.556	75	17737	5.239 ug/l	#	49
38) Carbon Tetrachloride	5.562	117	23694	6.705 ug/l	#	16
44) Trichloroethene	7.135	130	704	0.252 ug/l		89
53) t-1,3-Dichloropropene	8.976	75	25	2.742 ug/l	#	44
60) Dibromochloromethane	9.275	129	22	3.120 ug/l	#	11
76) 1,2,3-Trichloropropane	11.085	75	79899	28.823 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.085	75	79899	77.576 ug/l	#	12
95) Naphthalene	13.780	128	184	1.293 ug/l	#	69

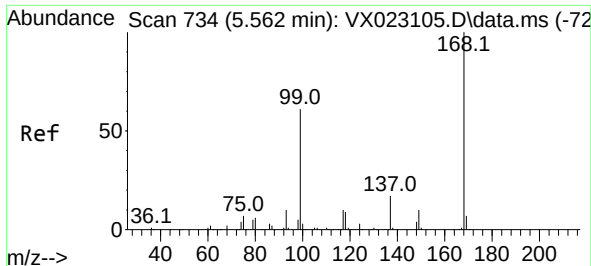
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
Data File : VX023234.D
Acq On : 12 Jul 2021 12:01
Operator : JC/MD
Sample : VX0712WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 13 01:28:19 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

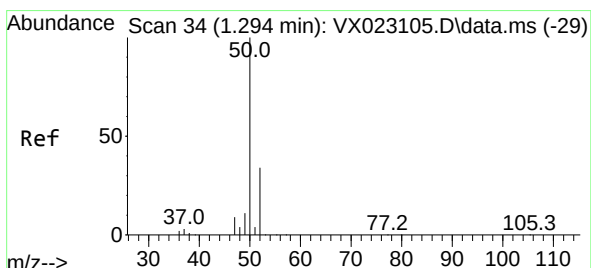
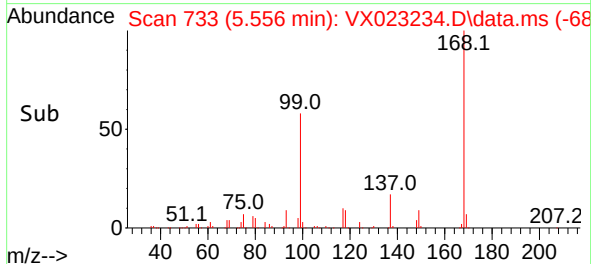
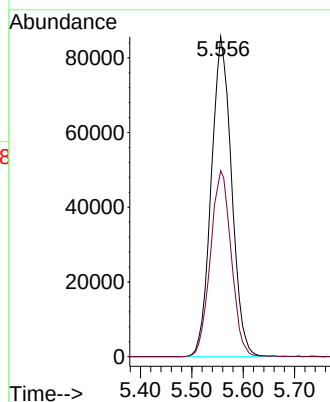
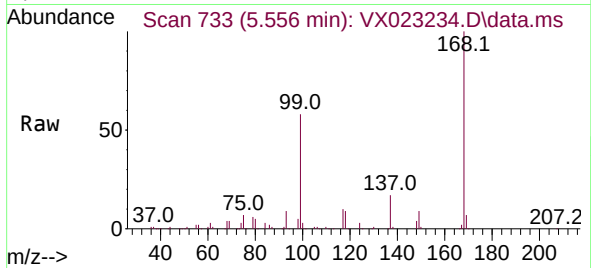




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

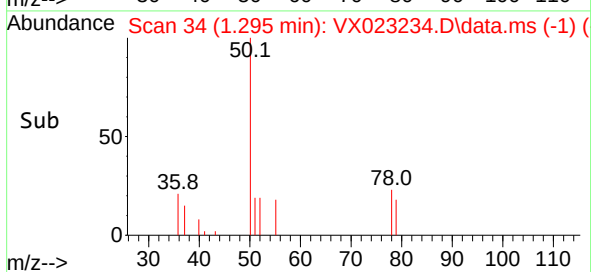
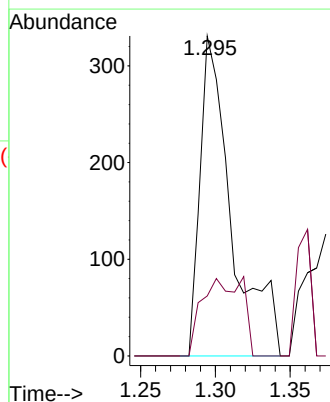
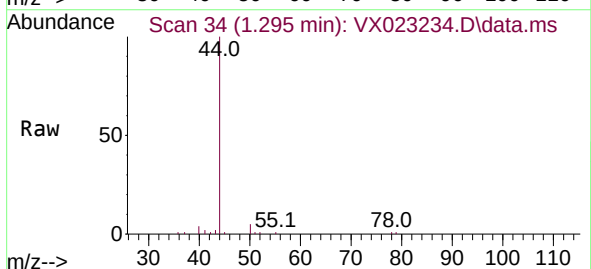
Instrument :
MSVOA_X
ClientSampleId :

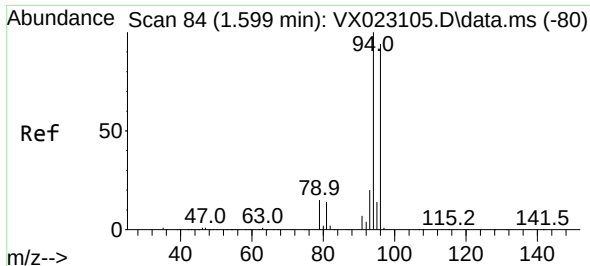
Tgt Ion:168 Resp: 235310
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 18.7 26.4 39.6#

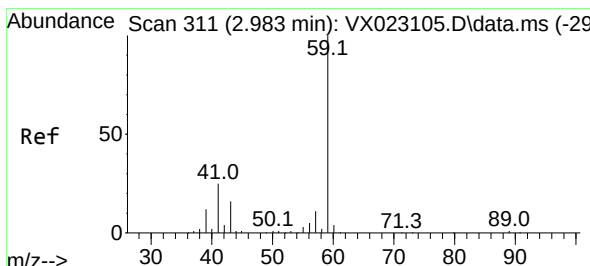
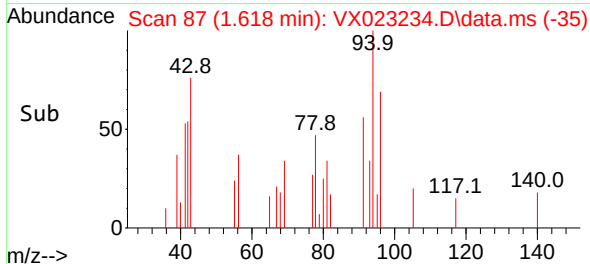
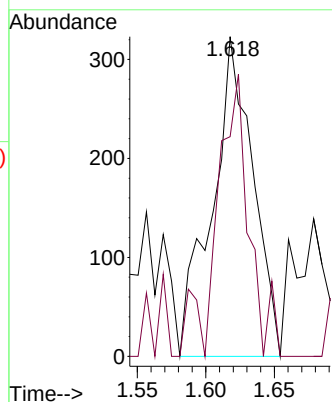
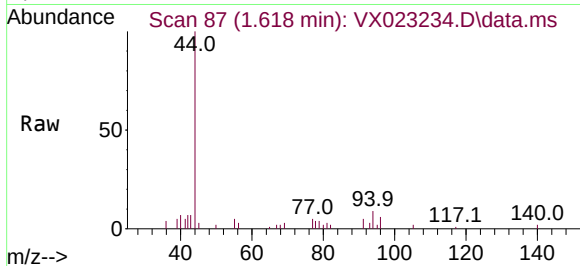




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

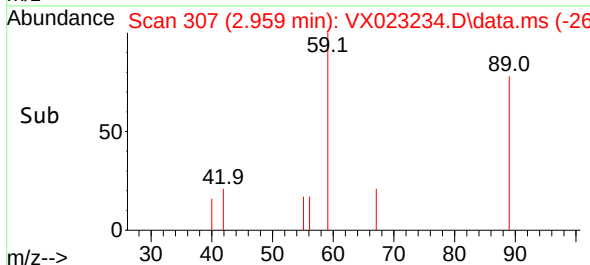
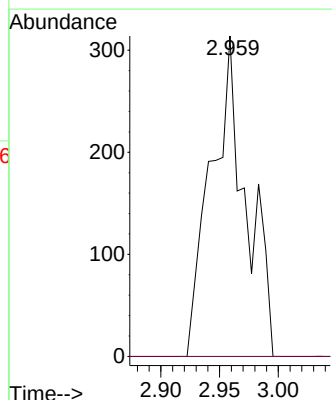
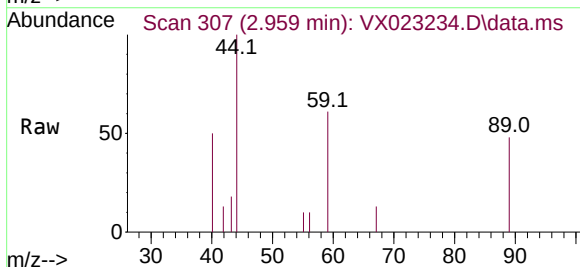
Instrument :
MSVOA_X
ClientSampled :

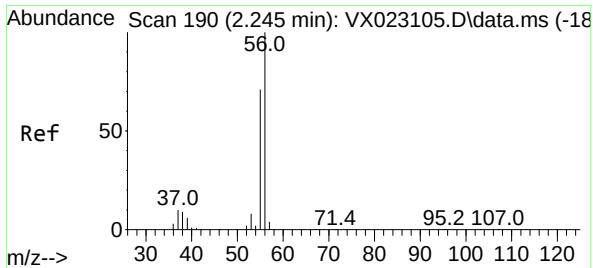
Tgt Ion: 94 Resp: 670
Ion Ratio Lower Upper
94 100
96 68.7 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.978 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Tgt Ion: 59 Resp: 651
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

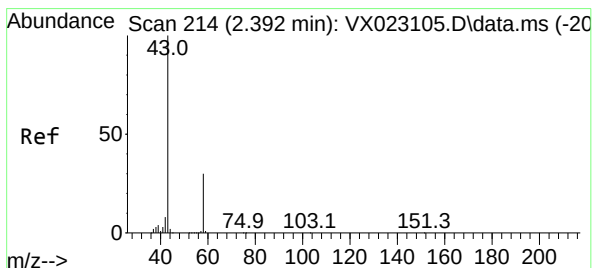
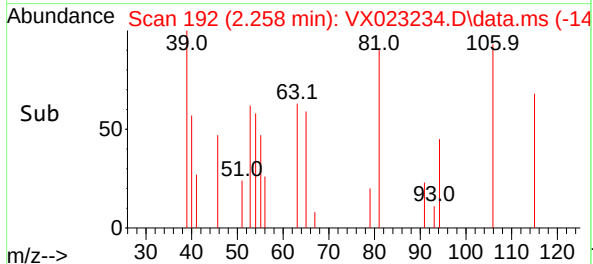
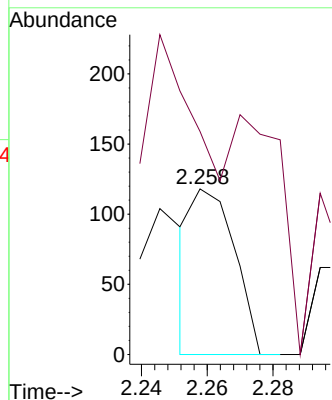
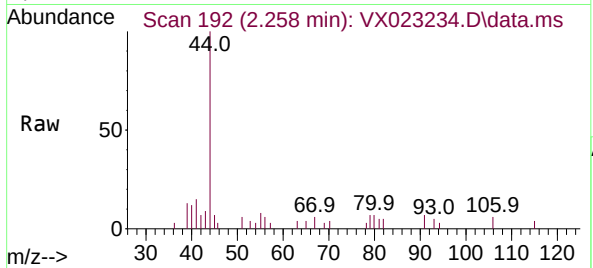




#13
Acrolein
Concen: 0.239 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.013 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

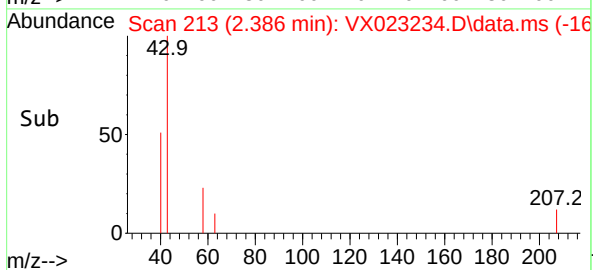
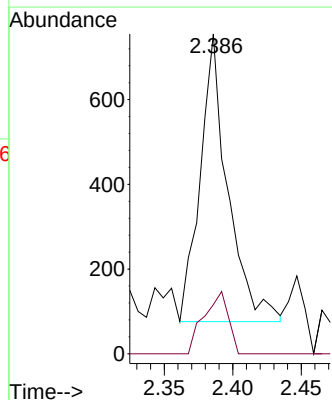
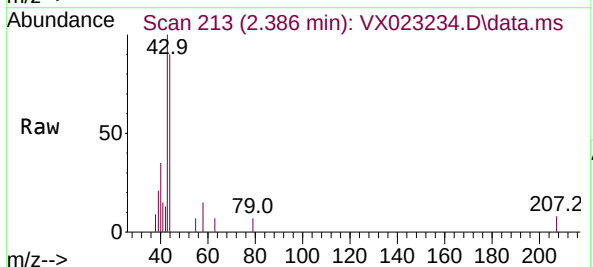
Instrument :
MSVOA_X
ClientSampled :

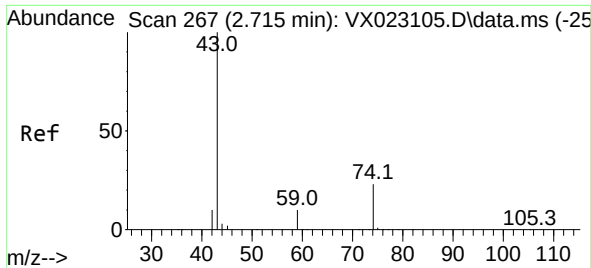
Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 500.0 56.4 84.6#



#16
Acetone
Concen: 0.760 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 17.1 27.8 41.8#

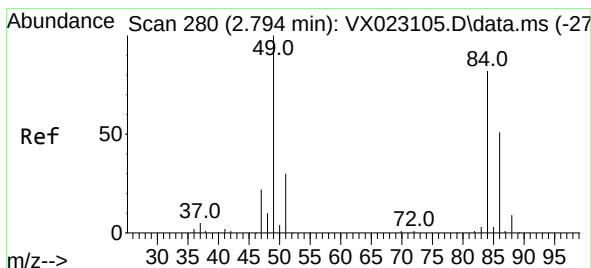
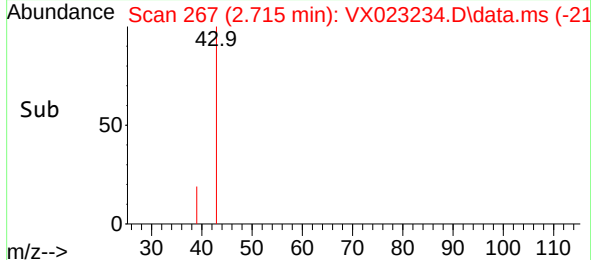
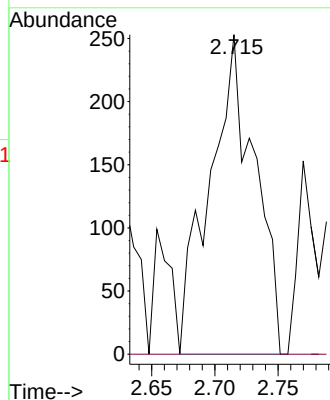
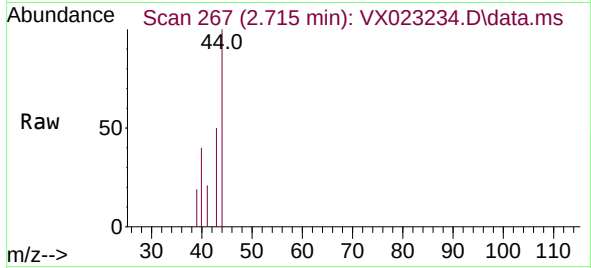




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

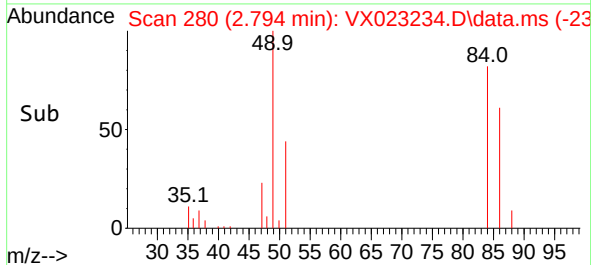
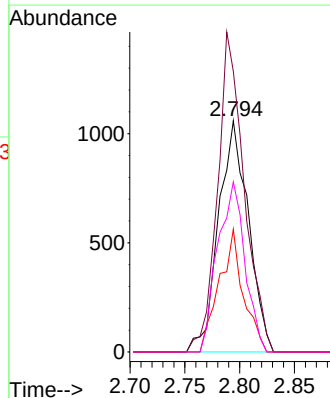
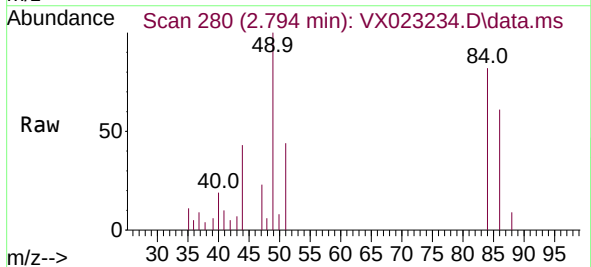
Instrument :
MSVOA_X
ClientSampled :

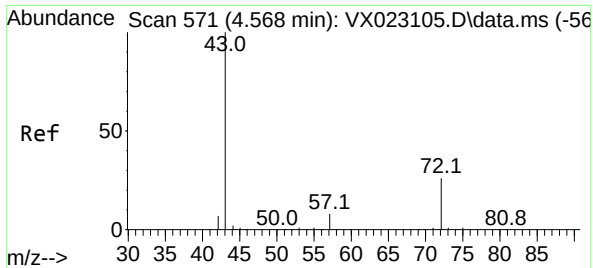
Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.746 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Tgt Ion: 84 Resp: 2010
Ion Ratio Lower Upper
84 100
49 121.4 88.6 132.8
51 53.1 27.0 40.6#
86 73.6 50.3 75.5

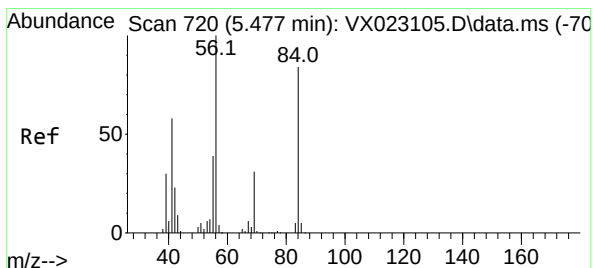
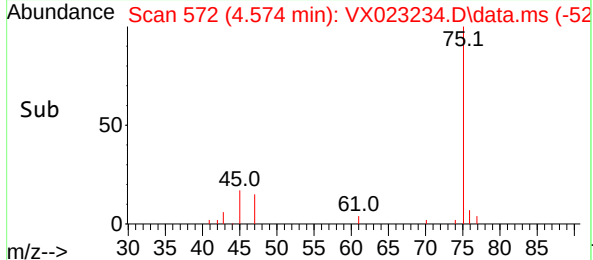
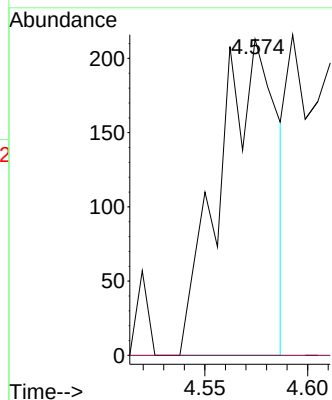
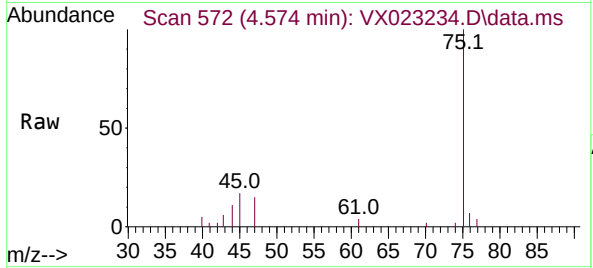




#25
2-Butanone
Concen: 0.220 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

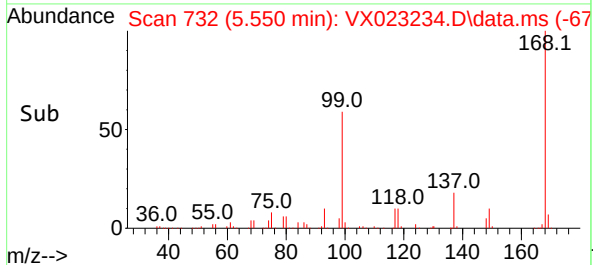
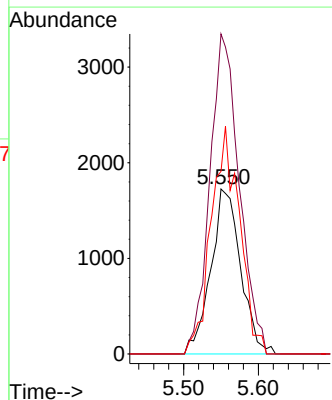
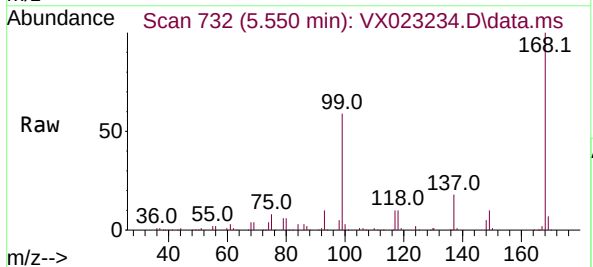
Instrument :
MSVOA_X
ClientSampled :

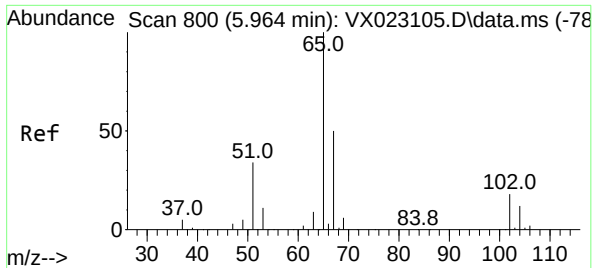
Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Tgt Ion: 56 Resp: 4793
Ion Ratio Lower Upper
56 100
69 194.0 25.3 37.9#
84 110.7 71.4 107.0#

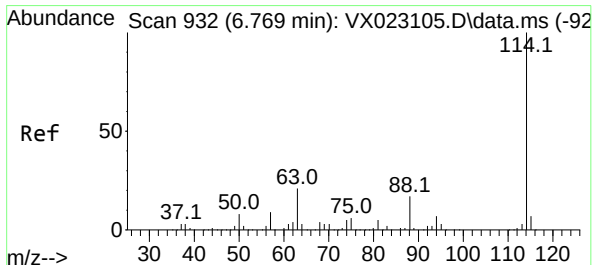
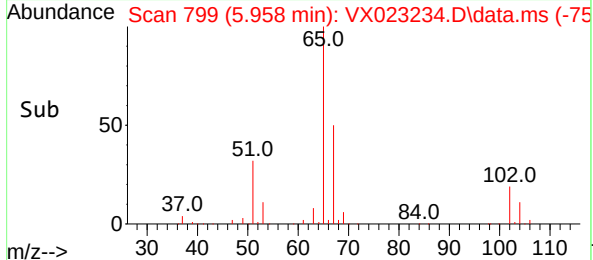
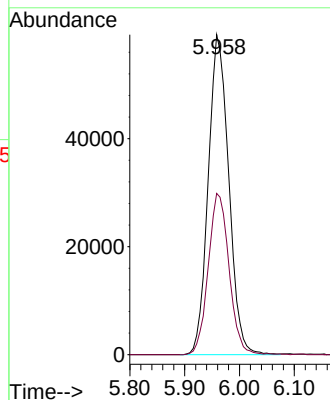
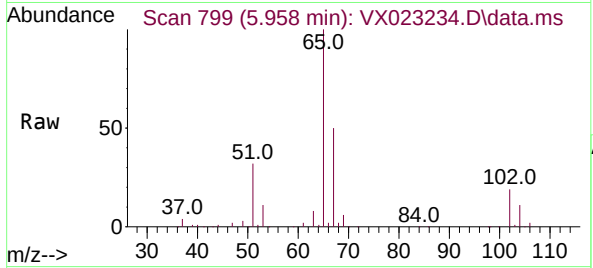




#33
 1,2-Dichloroethane-d4
 Concen: 48.673 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX023234.D
 Acq: 12 Jul 2021 12:01

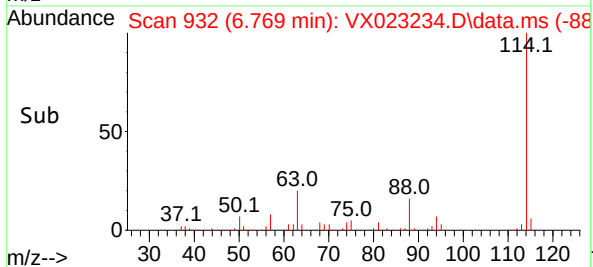
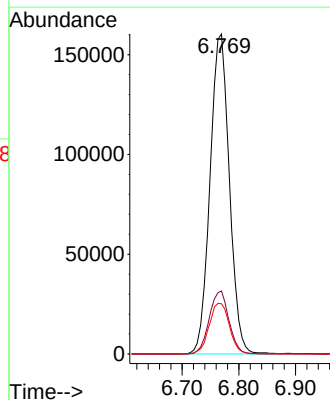
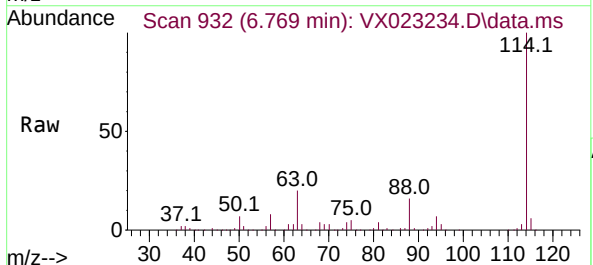
Instrument :
 MSVOA_X
 ClientSampled :

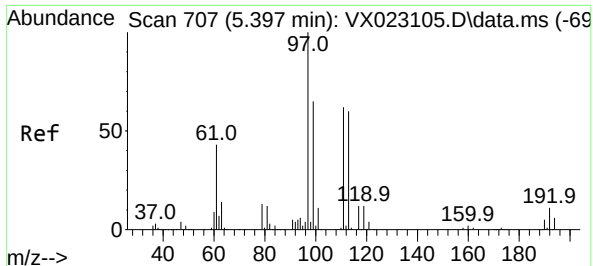
Tgt Ion: 65 Resp: 153931
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023234.D
 Acq: 12 Jul 2021 12:01

Tgt Ion: 114 Resp: 379741
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.962 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023234.D

Acq: 12 Jul 2021 12:01

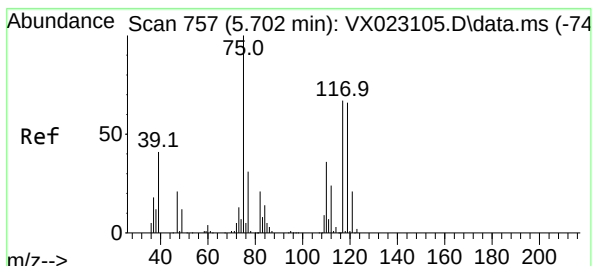
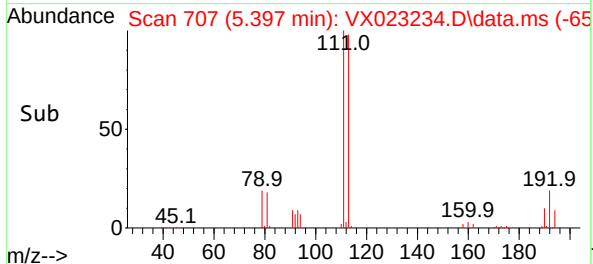
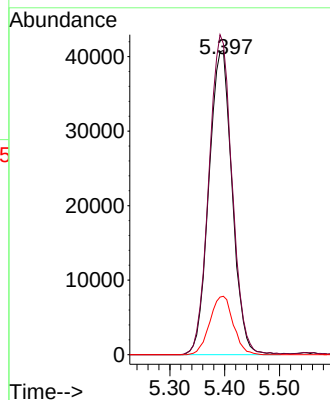
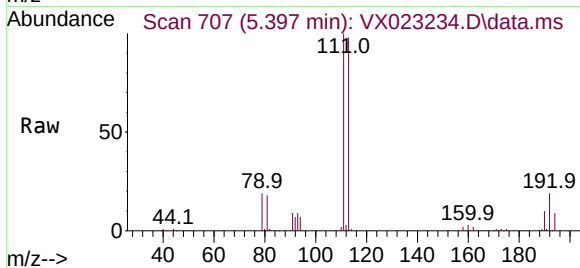
Tgt Ion:113 Resp: 120064

Ion Ratio Lower Upper

113 100

111 105.1 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.239 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023234.D

Acq: 12 Jul 2021 12:01

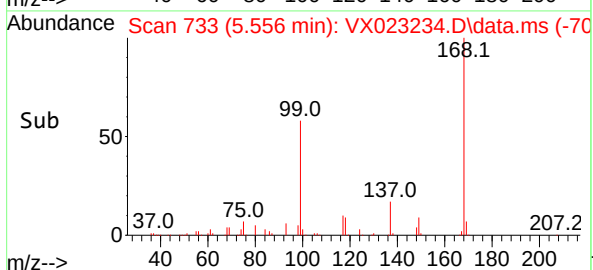
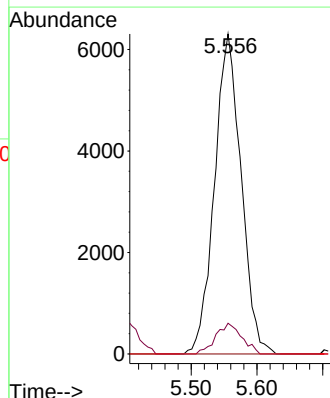
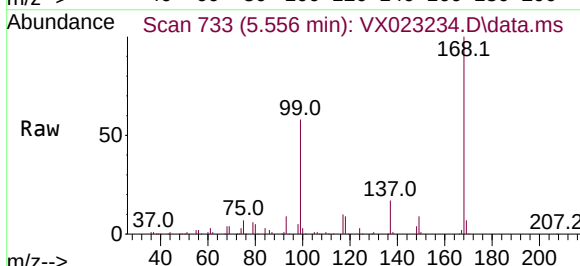
Tgt Ion: 75 Resp: 17737

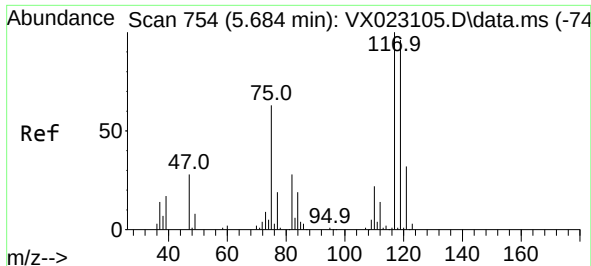
Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.4#

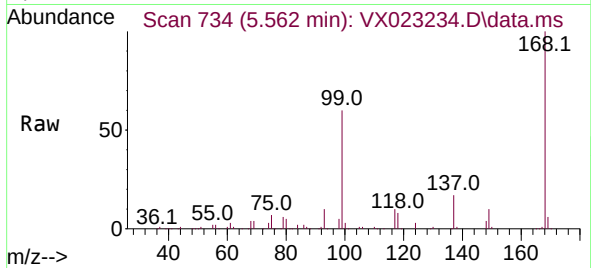
77 0.0 25.3 37.9#



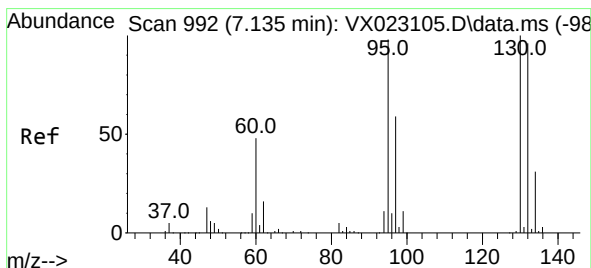
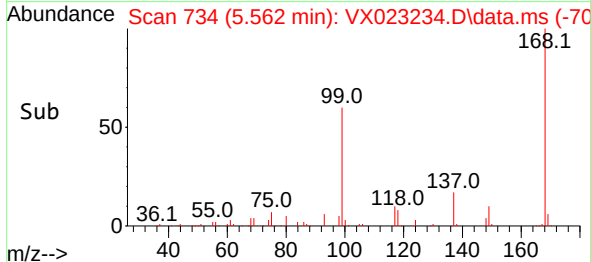
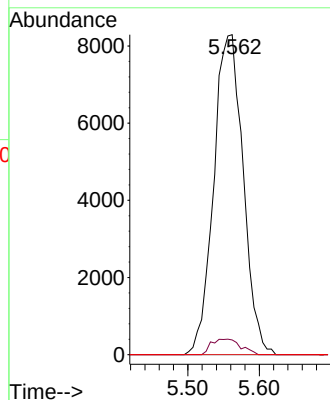


#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Instrument :
MSVOA_X
ClientSampled :

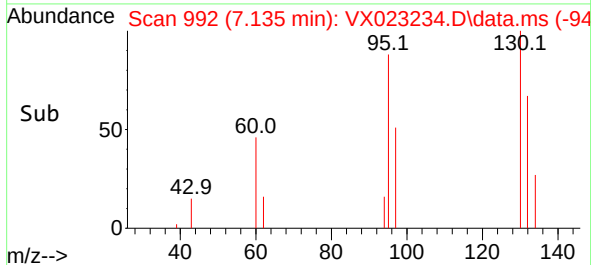
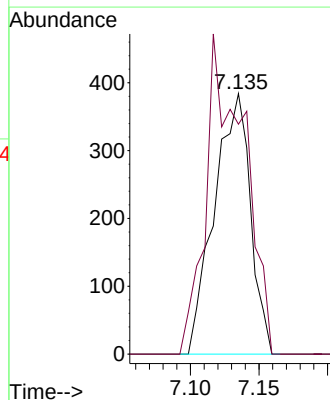
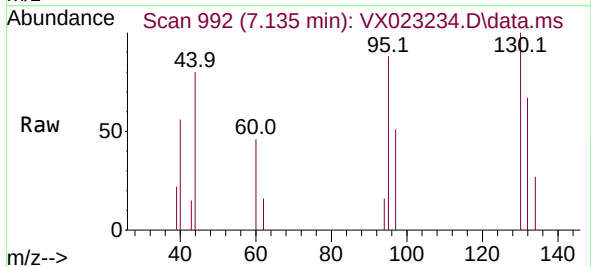


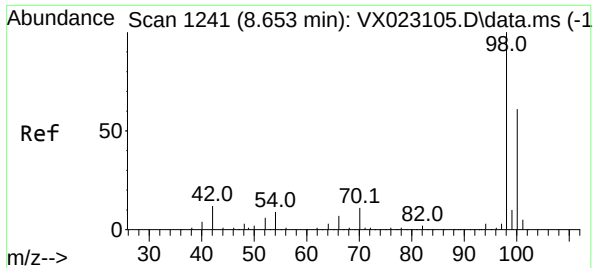
Tgt Ion:117 Resp: 23694
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.252 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Tgt Ion:130 Resp: 704
Ion Ratio Lower Upper
130 100
95 88.3 0.0 198.0

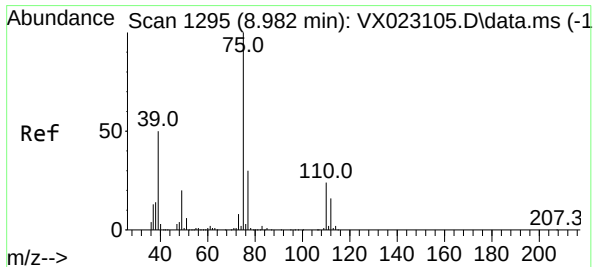
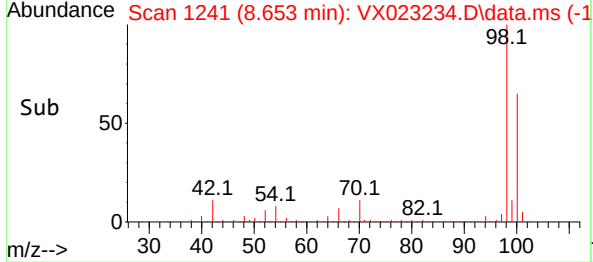
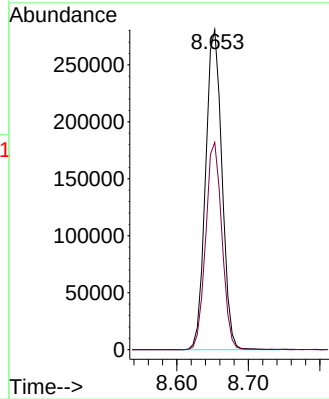
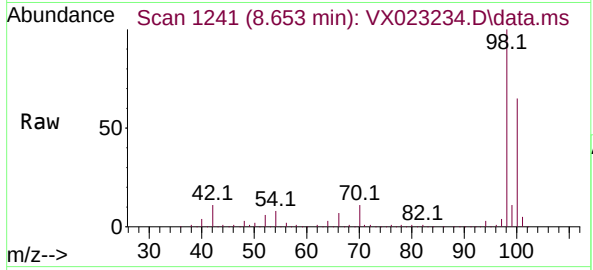




#50
Toluene-d8
Concen: 48.812 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

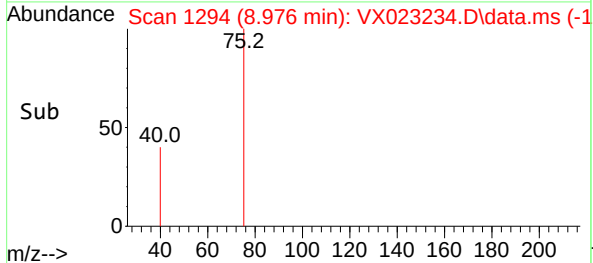
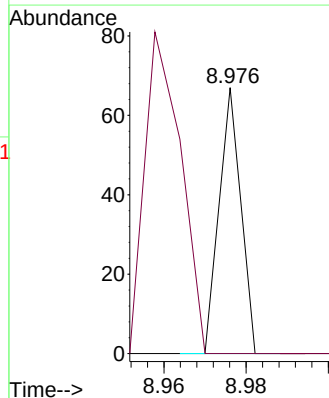
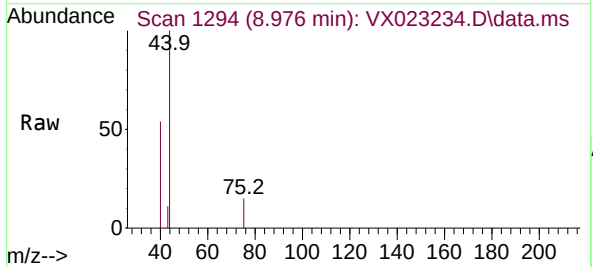
Instrument :
MSVOA_X
ClientSampled :

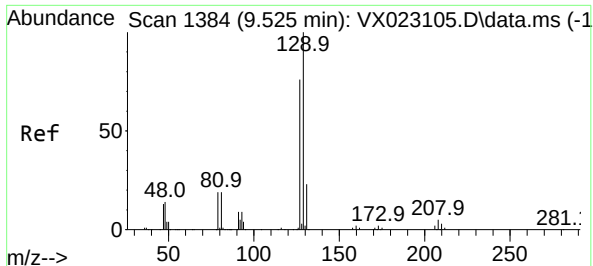
Tgt Ion: 98 Resp: 446501
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.742 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

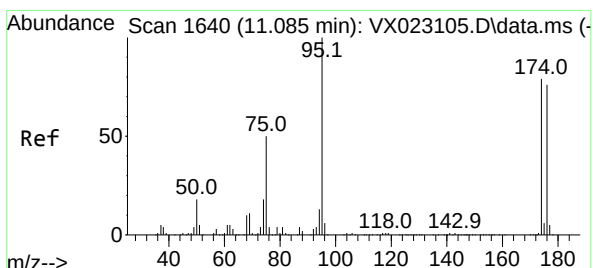
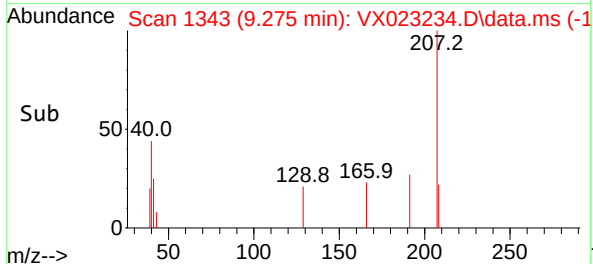
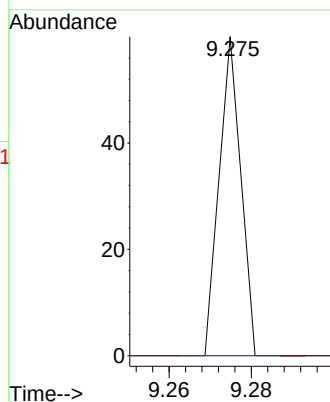
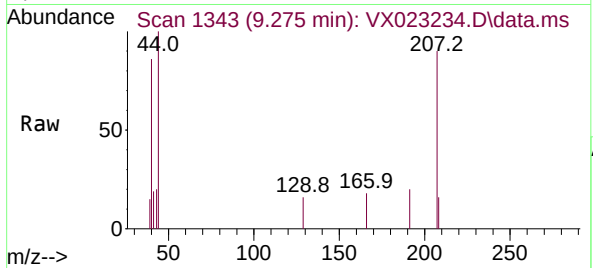




#60
Dibromochloromethane
Concen: 3.120 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

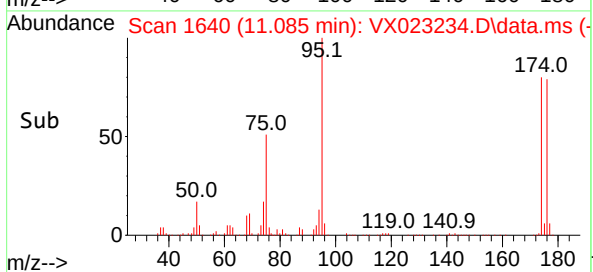
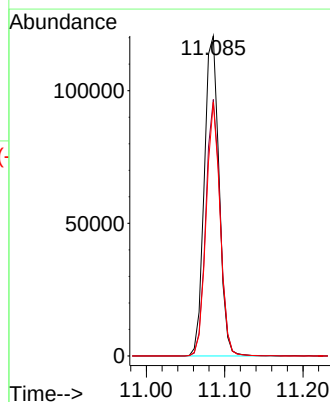
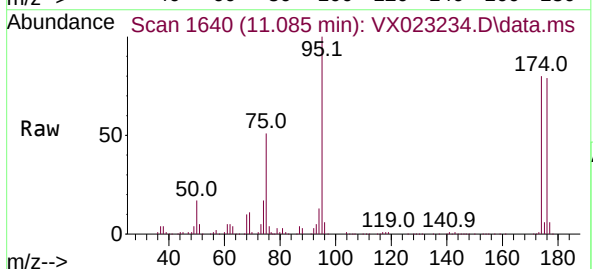
Instrument :
MSVOA_X
ClientSampleId :

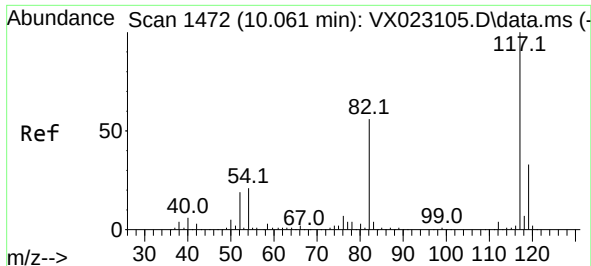
Tgt Ion:129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.678 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Tgt Ion: 95 Resp: 157775
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.6
176 74.8 0.0 155.8

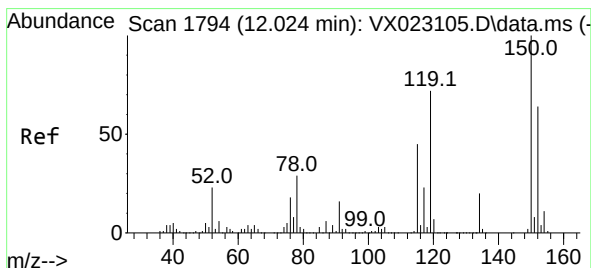
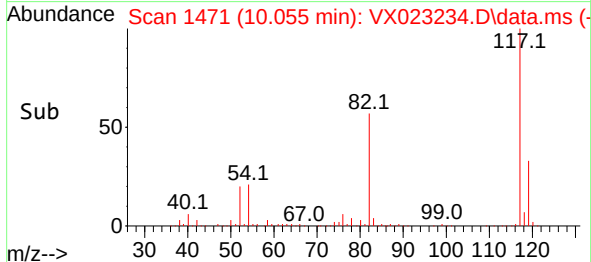
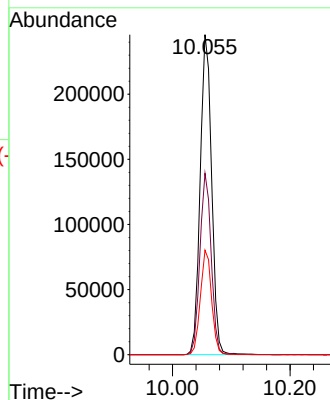
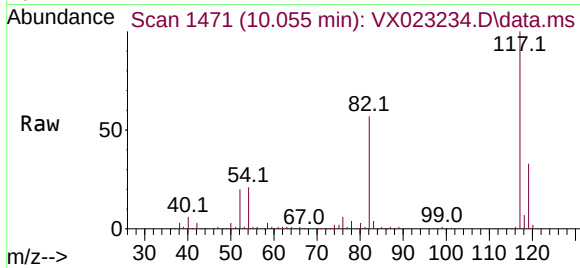




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

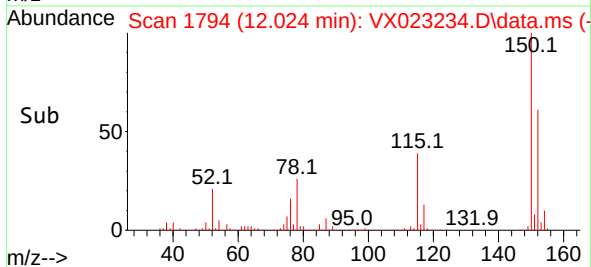
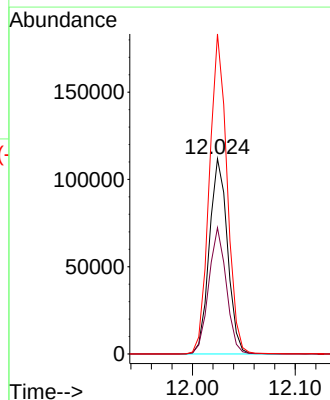
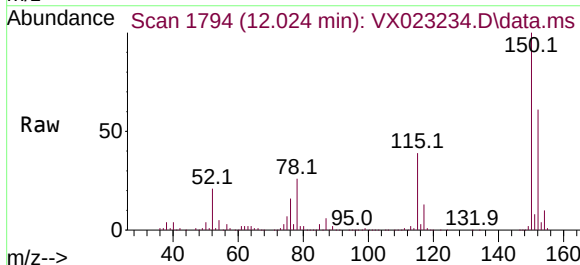
Instrument :
MSVOA_X
ClientSampled :

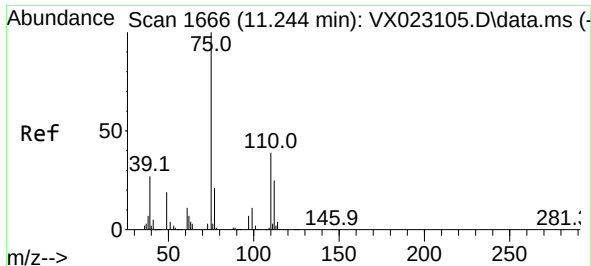
Tgt Ion:117 Resp: 332894
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Tgt Ion:152 Resp: 137755
Ion Ratio Lower Upper
152 100
115 62.6 41.1 123.3
150 159.6 0.0 349.0

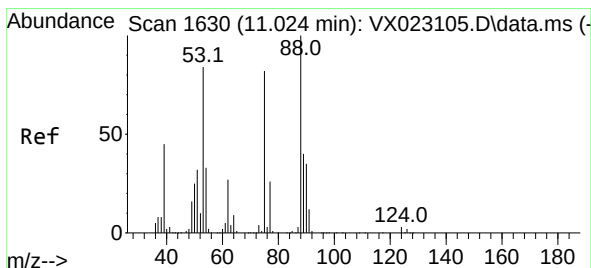
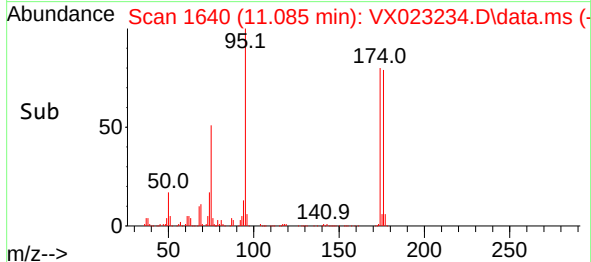
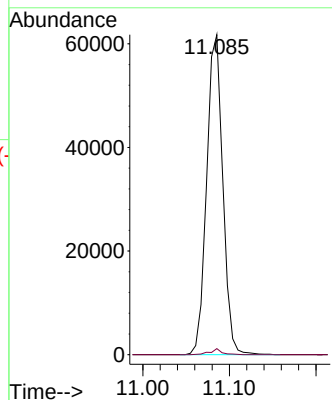
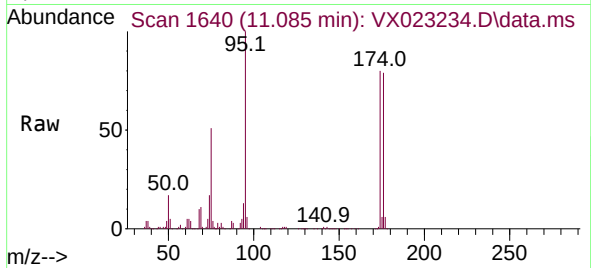




#76
1,2,3-Trichloropropane
Concen: 28.823 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

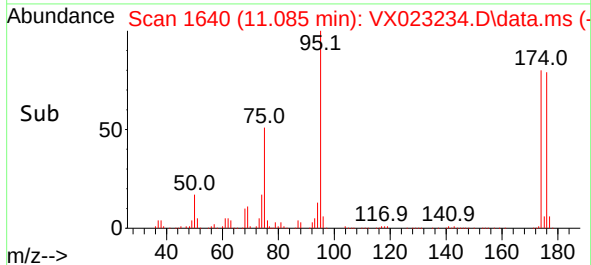
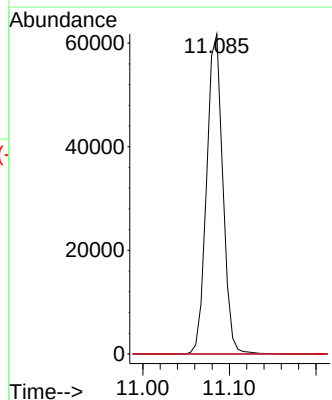
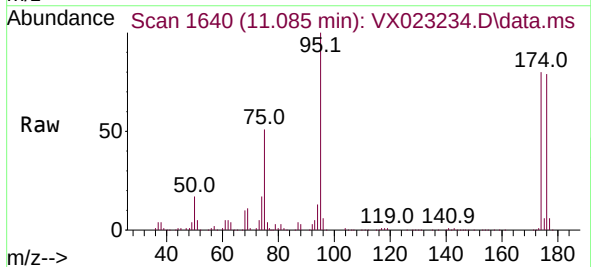
Instrument :
MSVOA_X
ClientSampled :

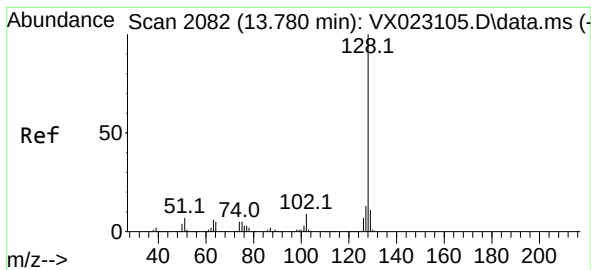
Tgt Ion: 75 Resp: 79899
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.576 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

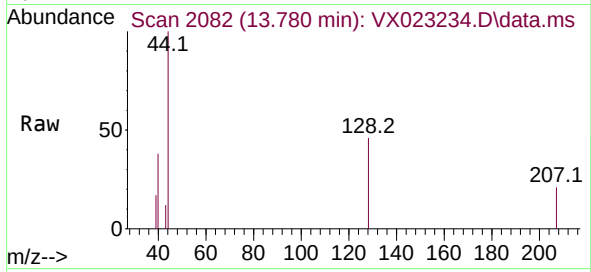
Tgt Ion: 75 Resp: 79899
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.293 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023234.D
Acq: 12 Jul 2021 12:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	184
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

