

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023246.D
 Acq On : 12 Jul 2021 16:58
 Operator : JC/MD
 Sample : M3007-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:29:34 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)

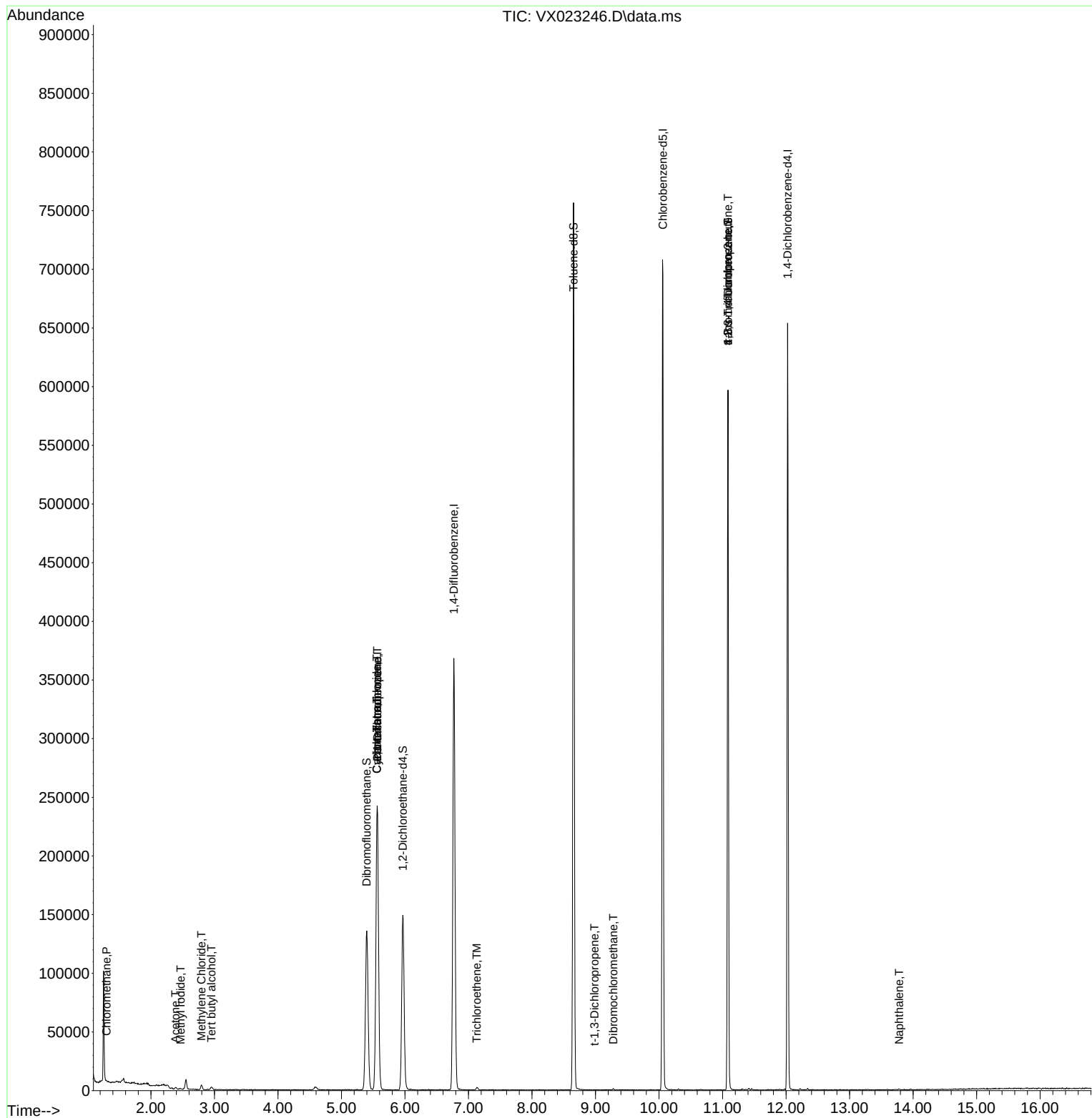
Internal Standards						
1) Pentafluorobenzene	5.562	168	230533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	372786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	335637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150799	48.671	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.340%
35) Dibromofluoromethane	5.397	113	118757	49.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	8.653	98	441678	49.186	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.085	95	156330	45.095	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	472	0.228	ug/l #	87
5) Bromomethane	1.611	94	564	Below Cal	#	72
10) Methyl Iodide	2.465	142	820	0.300	ug/l #	91
11) Tert butyl alcohol	2.952	59	1582	2.427	ug/l #	73
16) Acetone	2.385	43	2067	1.686	ug/l	93
20) Methylene Chloride	2.794	84	1592	0.603	ug/l #	79
31) Cyclohexane	5.556	56	4598	1.239	ug/l #	2
36) 1,1-Dichloropropene	5.562	75	16910	5.088	ug/l #	51
38) Carbon Tetrachloride	5.556	117	23574	6.796	ug/l #	17
44) Trichloroethene	7.128	130	1040	0.380	ug/l	50
53) t-1,3-Dichloropropene	8.982	75	61	2.750	ug/l #	44
60) Dibromochloromethane	9.281	129	31	3.123	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	79285	29.553	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	79285	79.422	ug/l #	12
95) Naphthalene	13.780	128	607	1.335	ug/l #	69

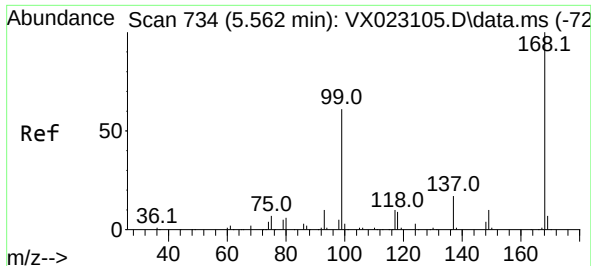
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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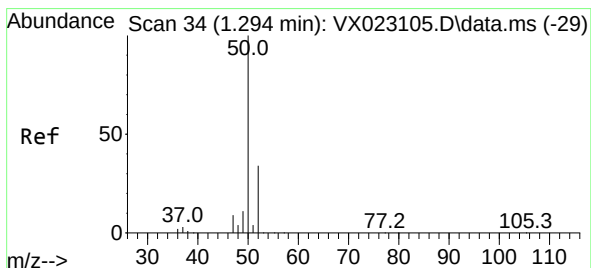
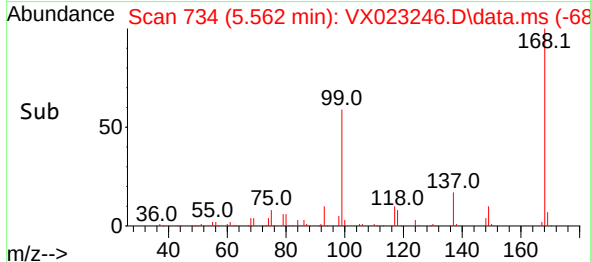
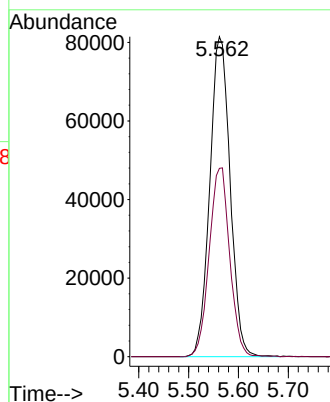
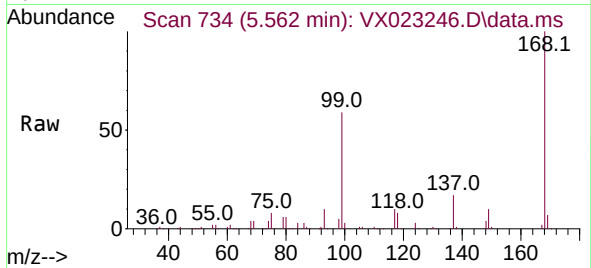




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

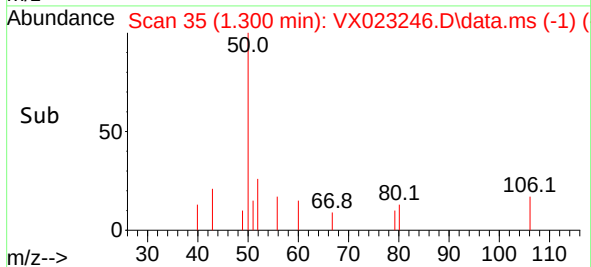
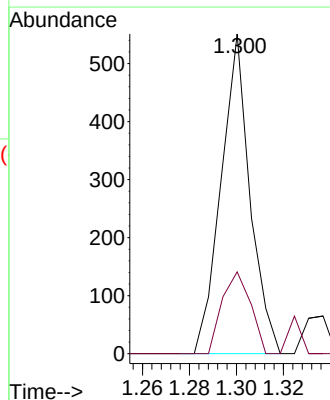
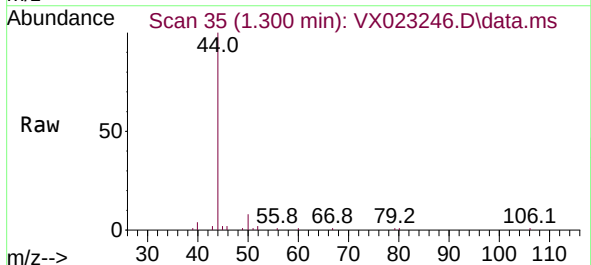
Instrument :
MSVOA_X
ClientSampled :

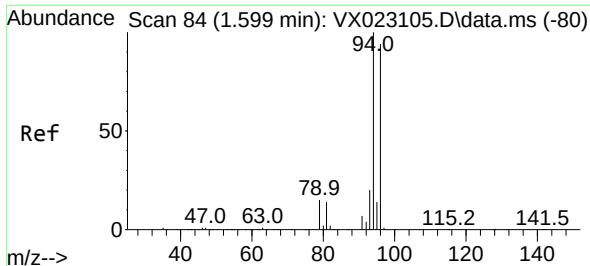
Tgt Ion:168 Resp: 230533
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 25.6 26.4 39.6#

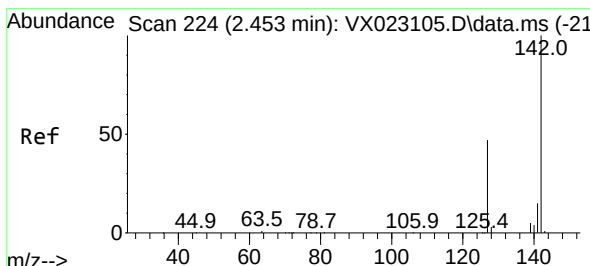
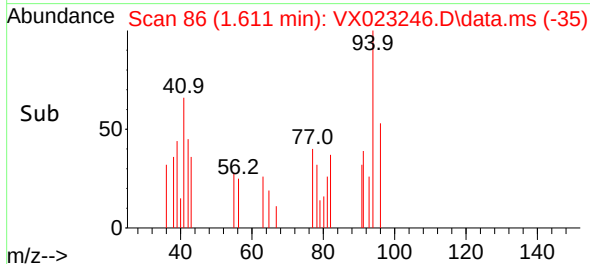
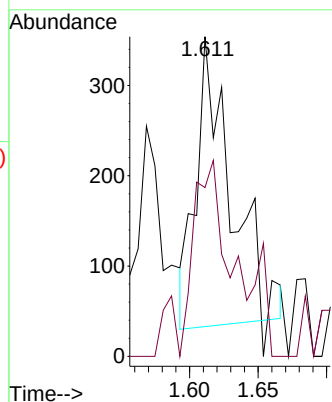
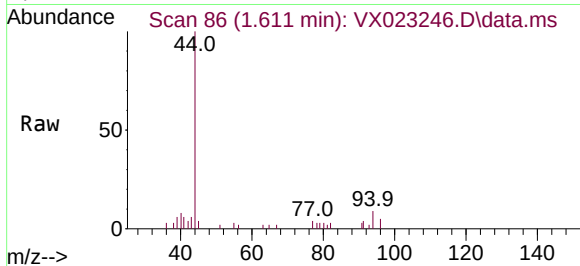




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

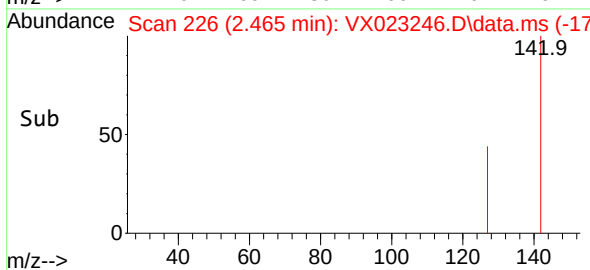
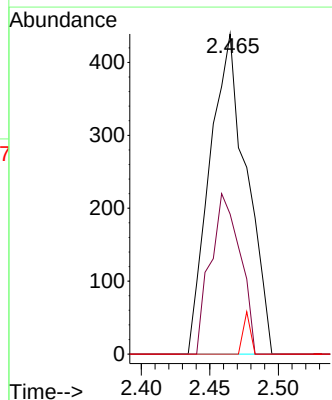
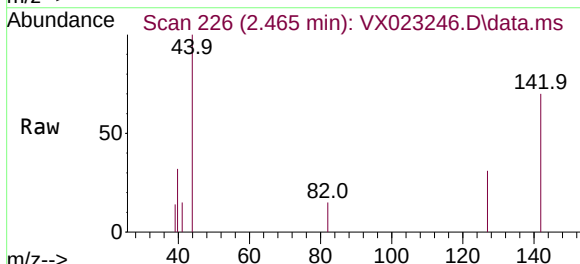
Instrument :
MSVOA_X
ClientSampleId :

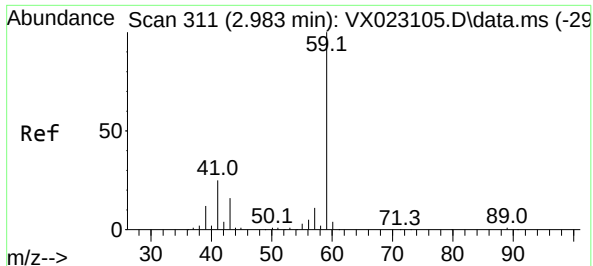
Tgt Ion: 94 Resp: 564
Ion Ratio Lower Upper
94 100
96 68.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.300 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Tgt Ion: 142 Resp: 820
Ion Ratio Lower Upper
142 100
127 40.4 33.3 49.9
141 2.6 11.4 17.0#



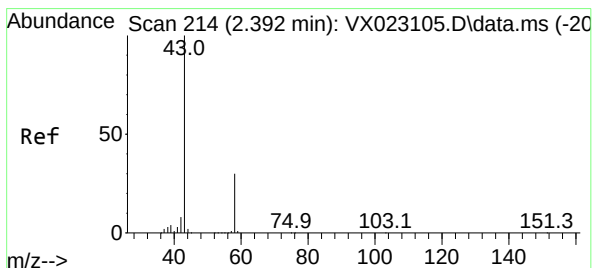
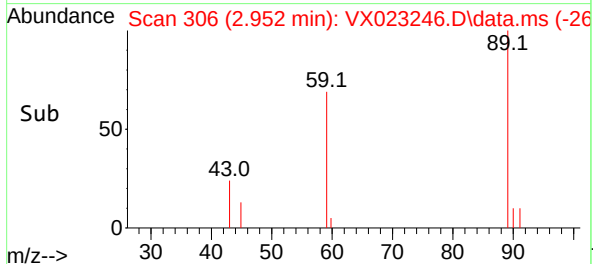
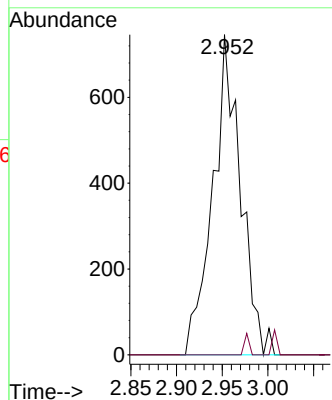
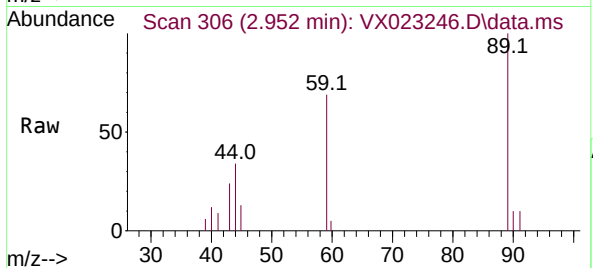


#11

Tert butyl alcohol
Concen: 2.427 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

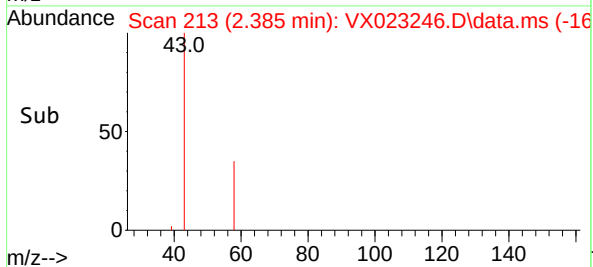
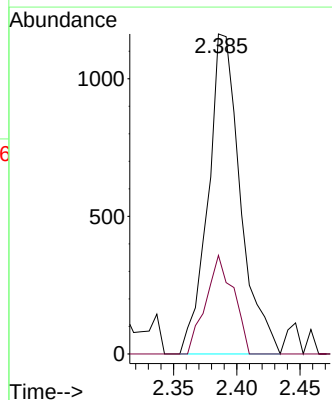
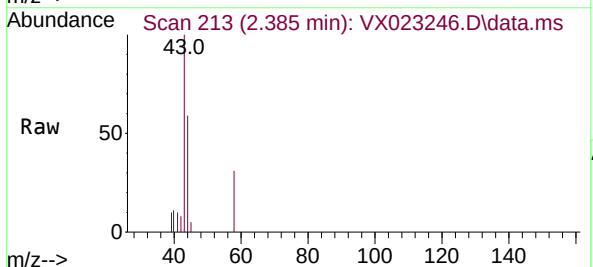
Tgt Ion: 59 Resp: 1582
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

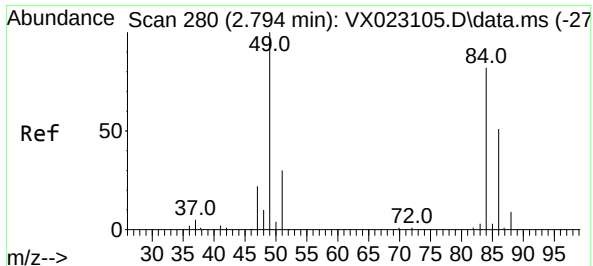


#16

Acetone
Concen: 1.686 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

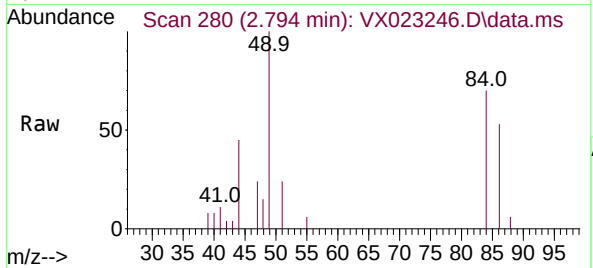
Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8



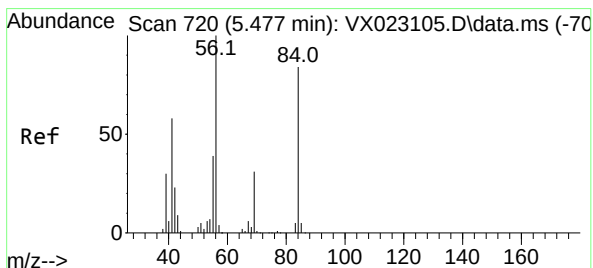
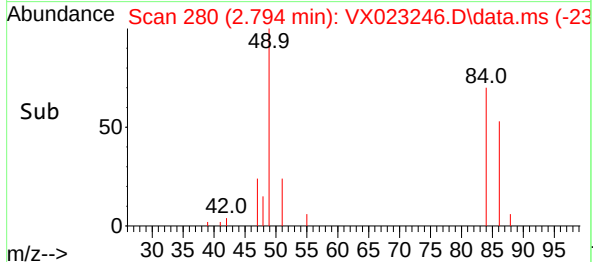
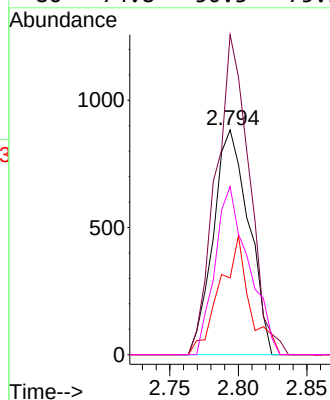


#20
Methylene Chloride
Concen: 0.603 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

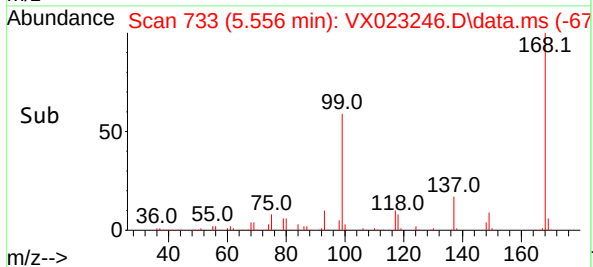
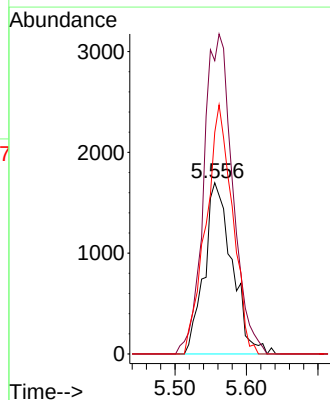
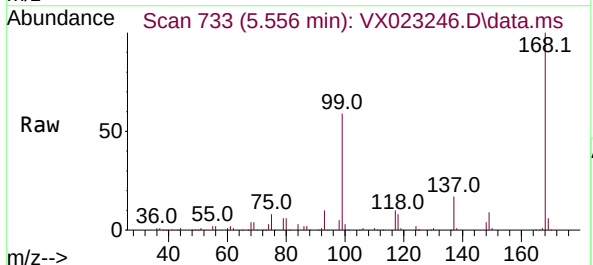


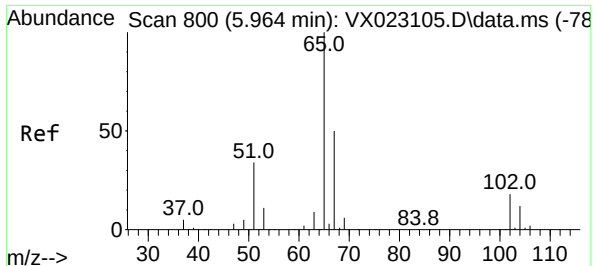
Tgt Ion:	84	Resp:	1592
Ion	Ratio	Lower	Upper
84	100		
49	142.3	88.6	132.8#
51	34.2	27.0	40.6
86	74.8	50.3	75.5



#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Tgt Ion:	56	Resp:	4598
Ion	Ratio	Lower	Upper
56	100		
69	171.3	25.3	37.9#
84	129.4	71.4	107.0#

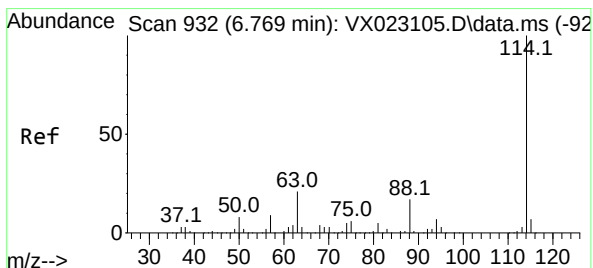
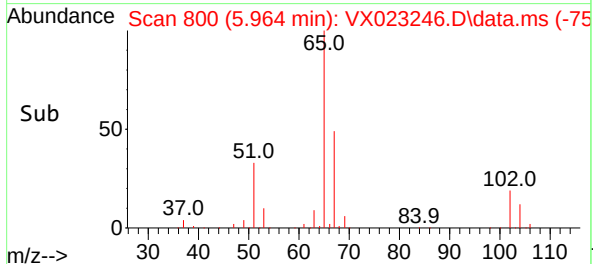
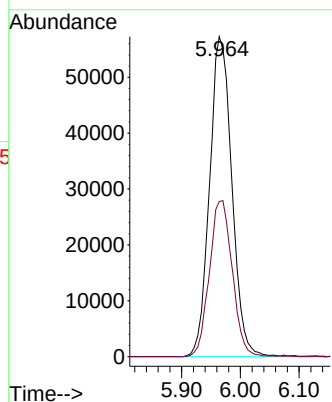
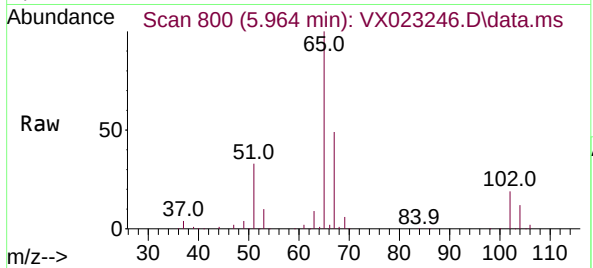




#33
1,2-Dichloroethane-d4
Concen: 48.671 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

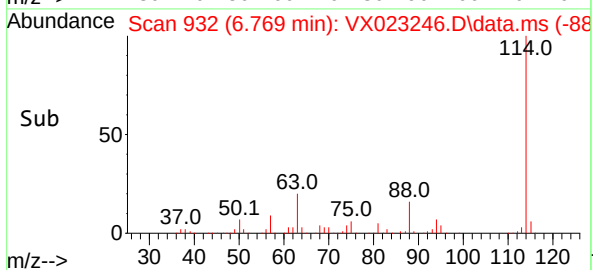
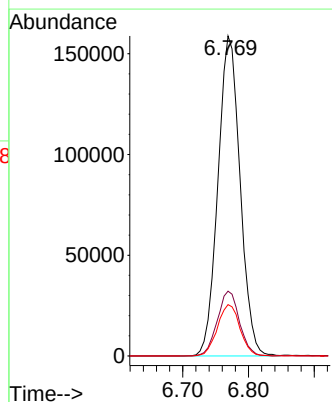
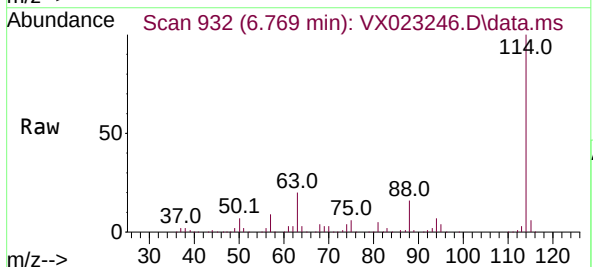
Instrument :
MSVOA_X
ClientSampled :

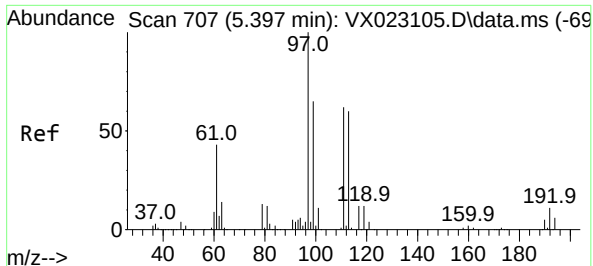
Tgt Ion: 65 Resp: 150799
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Tgt Ion: 114 Resp: 372786
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.332 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023246.D

Acq: 12 Jul 2021 16:58

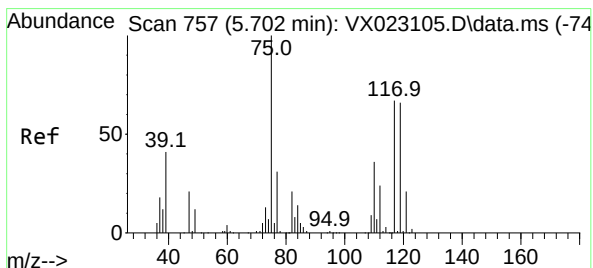
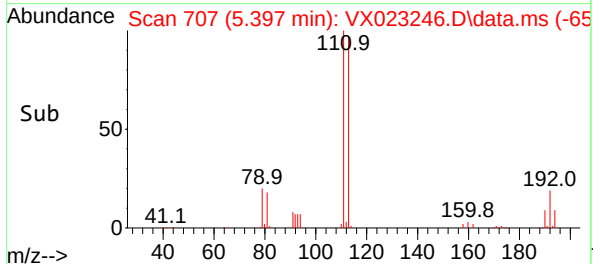
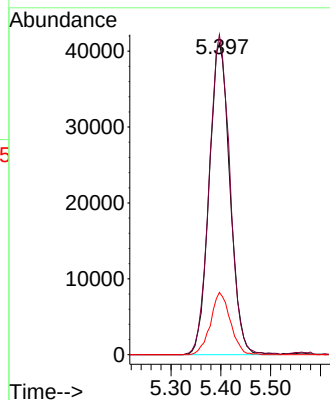
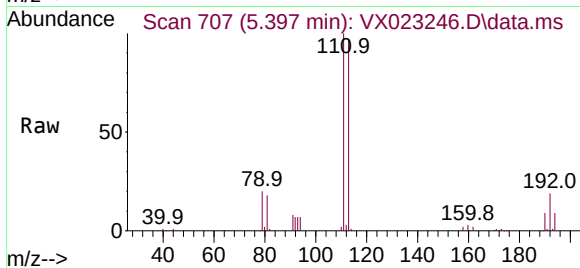
Tgt Ion:113 Resp: 118757

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 19.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.088 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023246.D

Acq: 12 Jul 2021 16:58

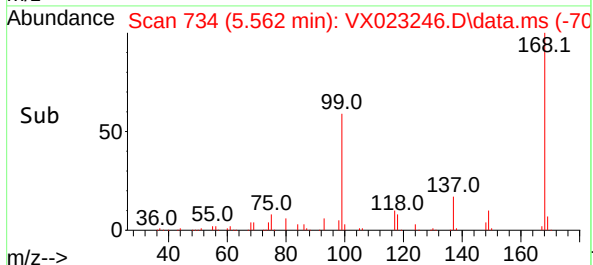
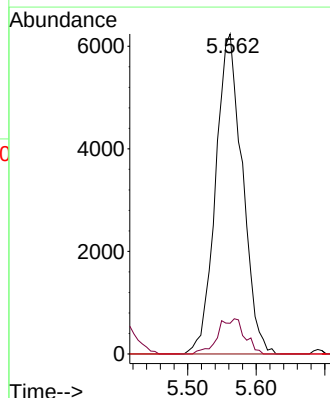
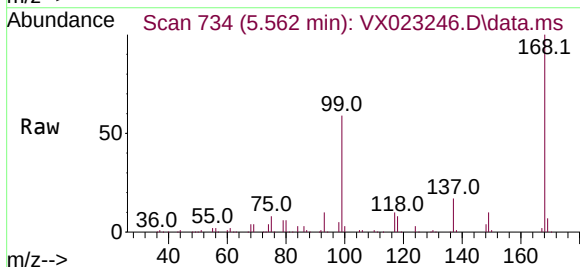
Tgt Ion: 75 Resp: 16910

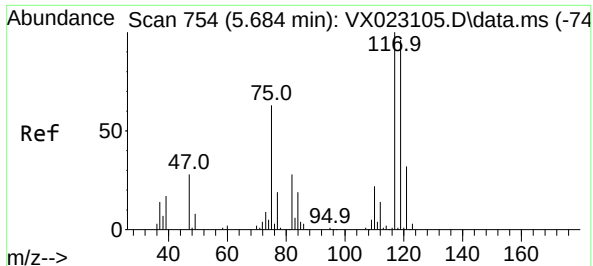
Ion Ratio Lower Upper

75 100

110 11.1 18.1 54.4#

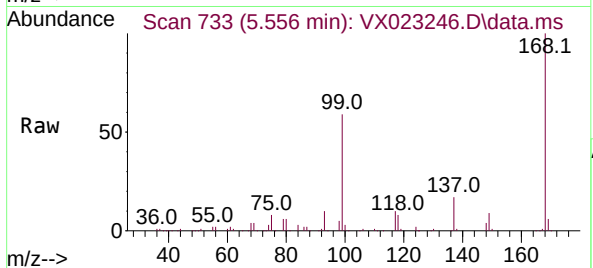
77 0.0 25.3 37.9#



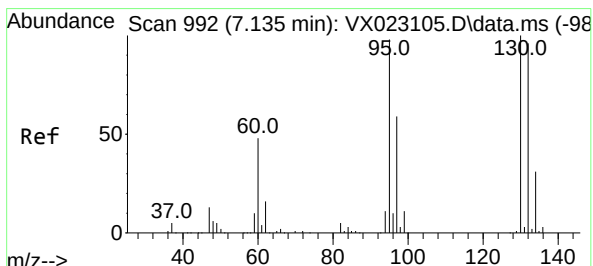
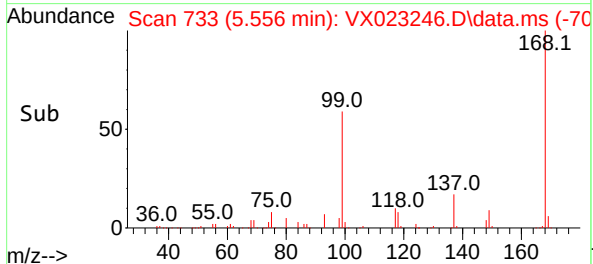
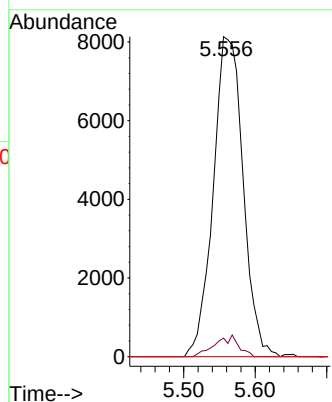


#38
Carbon Tetrachloride
Concen: 6.796 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

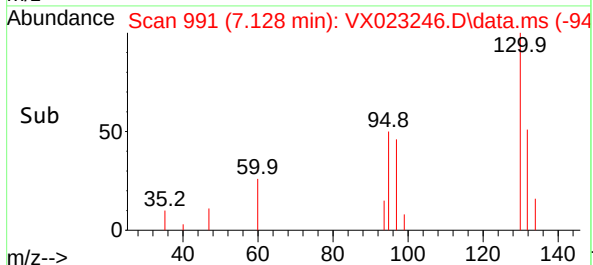
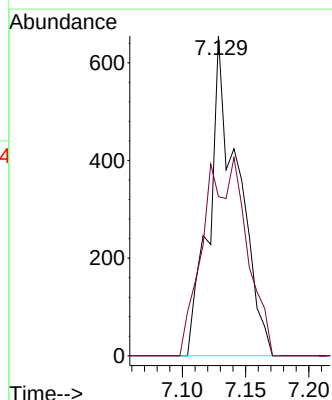
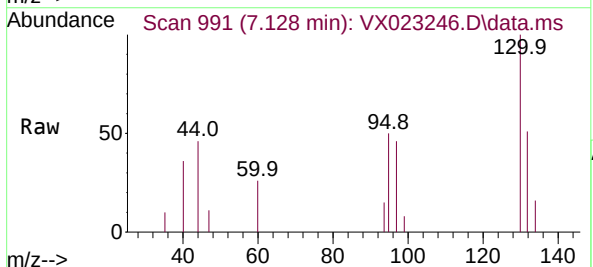


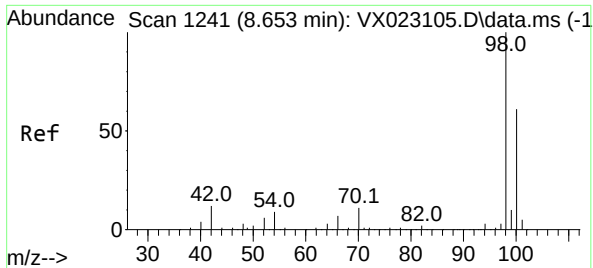
Tgt Ion:117 Resp: 23574
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.380 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Tgt Ion:130 Resp: 1040
Ion Ratio Lower Upper
130 100
95 49.8 0.0 198.0

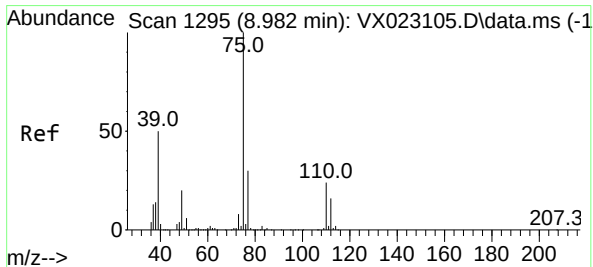
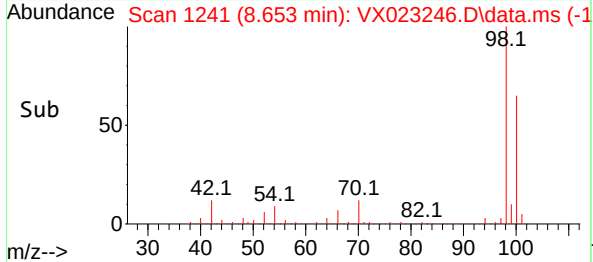
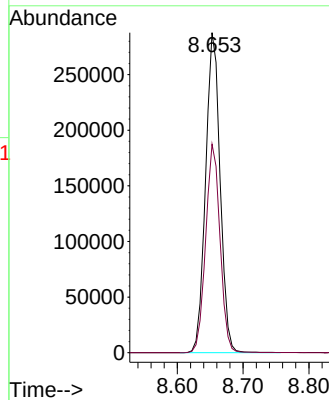
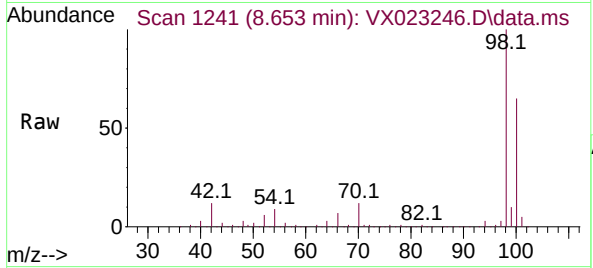




#50
Toluene-d8
Concen: 49.186 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

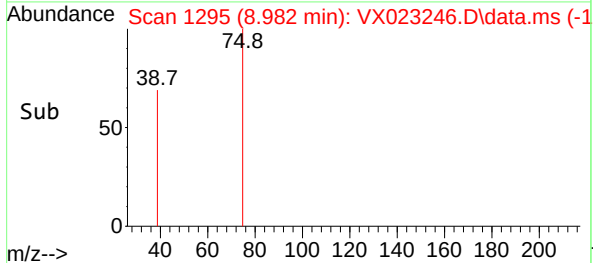
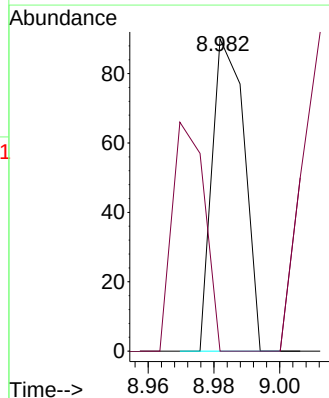
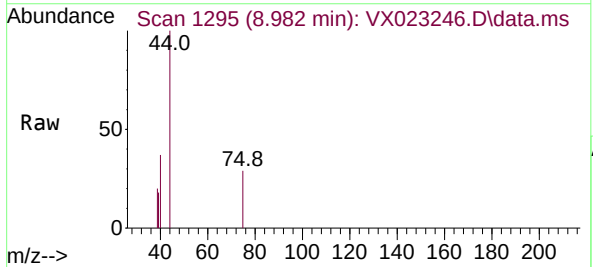
Instrument :
MSVOA_X
ClientSampled :

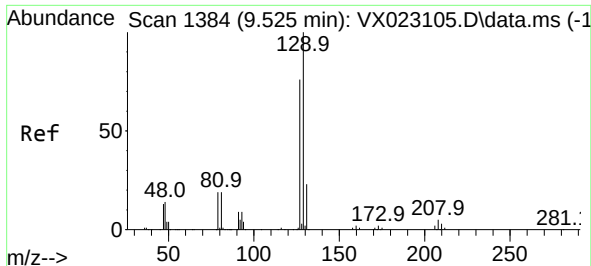
Tgt Ion: 98 Resp: 441678
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.750 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

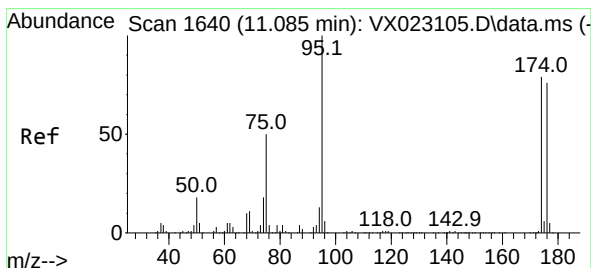
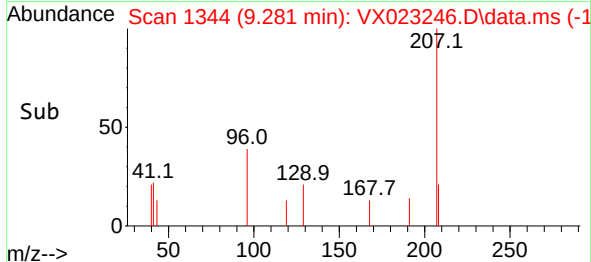
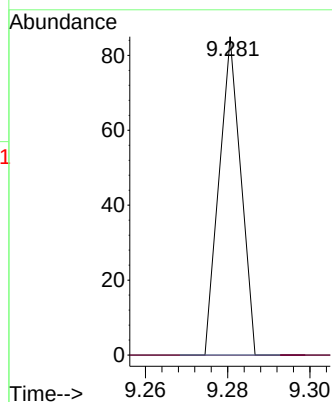
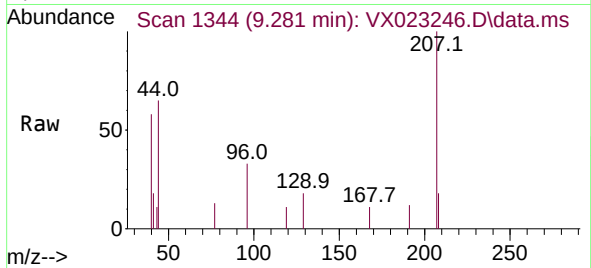




#60
Dibromochloromethane
Concen: 3.123 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

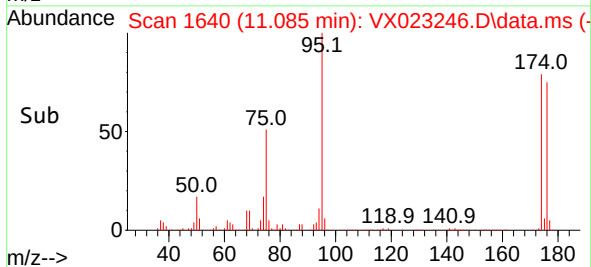
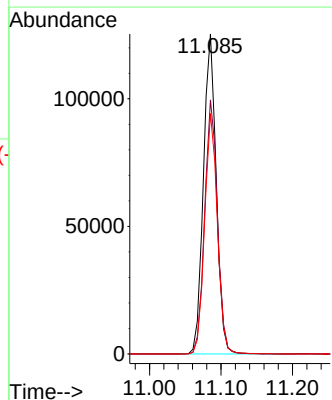
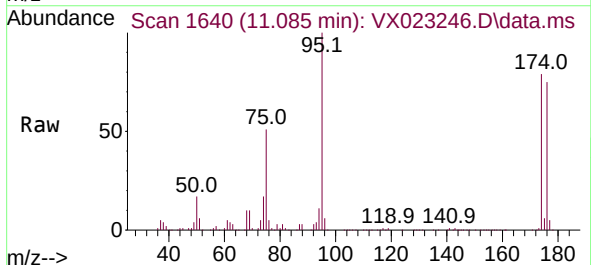
Instrument :
MSVOA_X
ClientSampled :

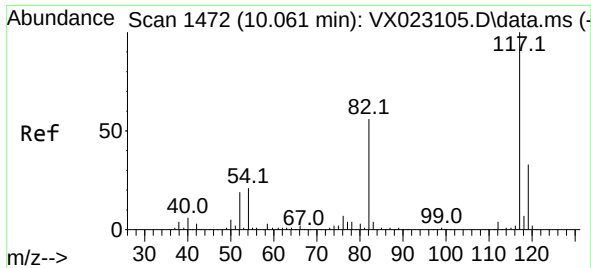
Tgt Ion:129 Resp: 31
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.095 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Tgt Ion: 95 Resp: 156330
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 74.6 0.0 155.8

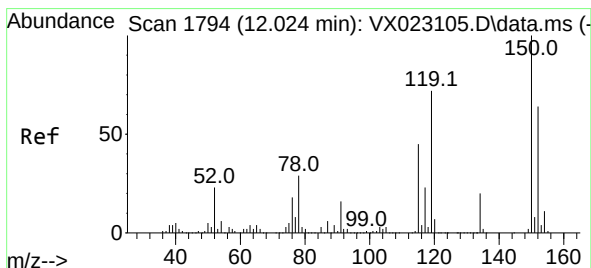
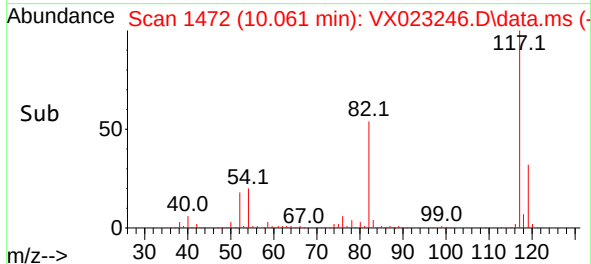
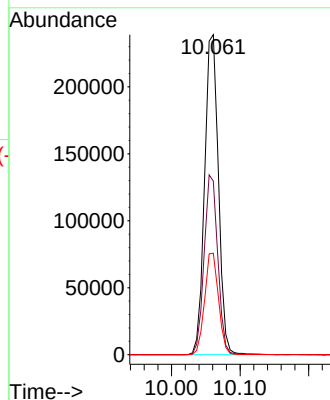
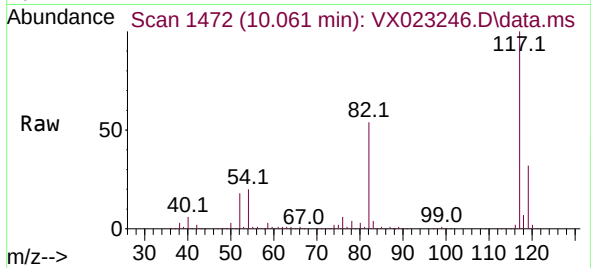




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

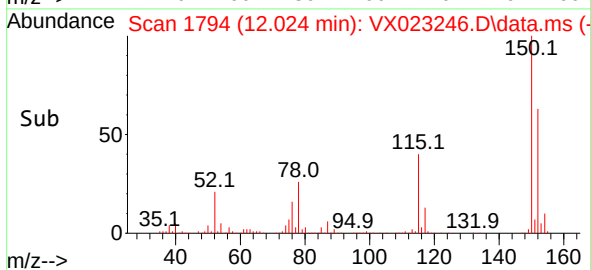
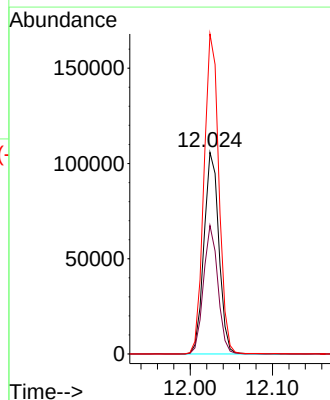
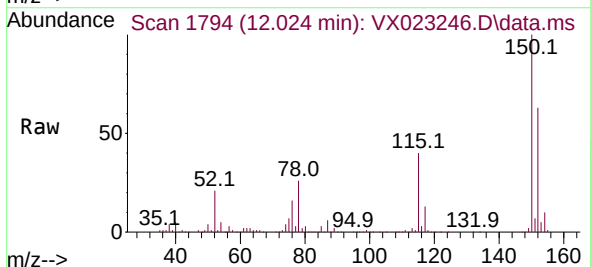
Instrument :
MSVOA_X
ClientSampled :

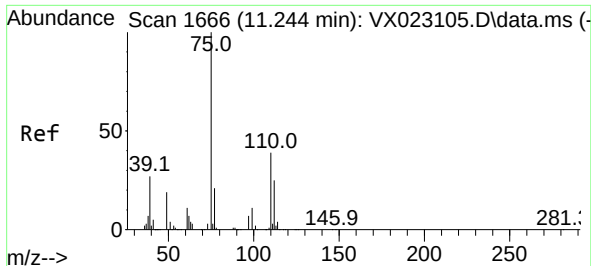
Tgt Ion:117 Resp: 335637
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Tgt Ion:152 Resp: 133316
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 158.6 0.0 349.0

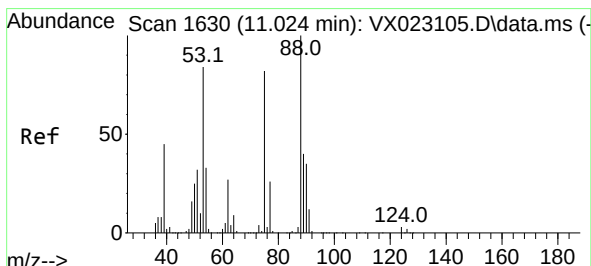
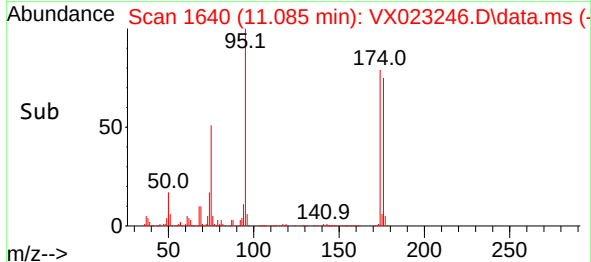
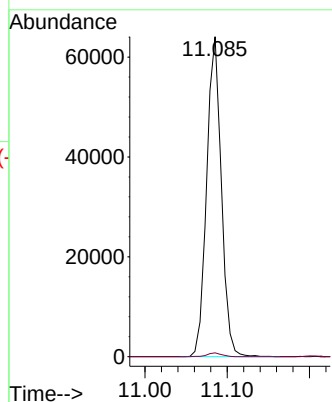
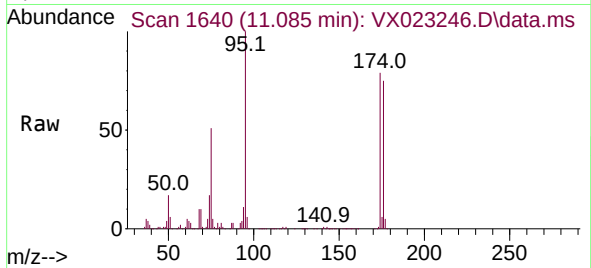




#76
1,2,3-Trichloropropane
Concen: 29.553 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

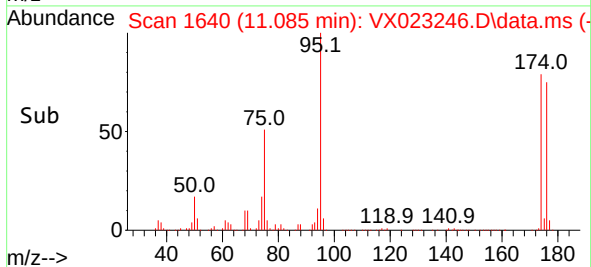
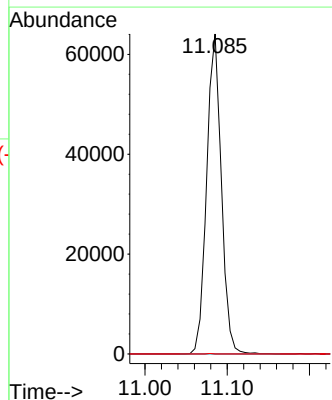
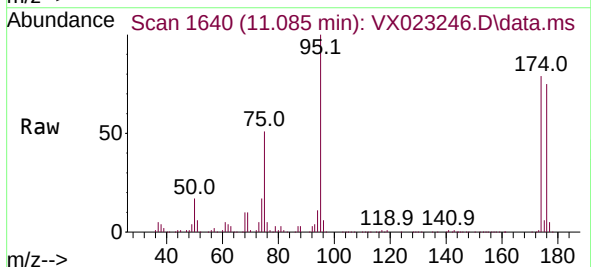
Instrument :
MSVOA_X
ClientSampled :

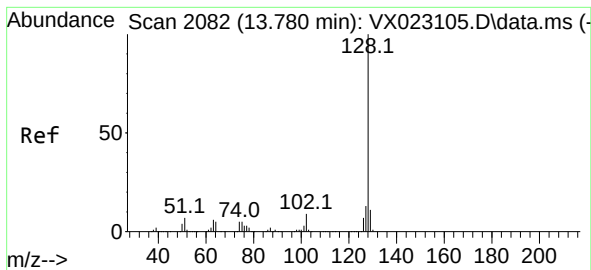
Tgt Ion: 75 Resp: 79285
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.422 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

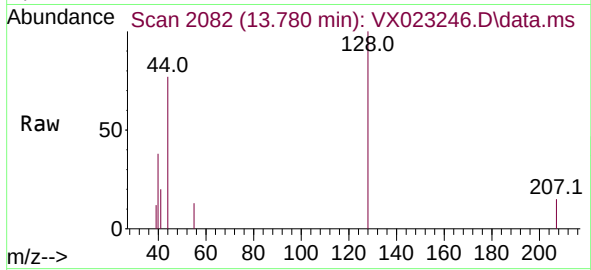
Tgt Ion: 75 Resp: 79285
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.335 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023246.D
Acq: 12 Jul 2021 16:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	607
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

