

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023248.D
 Acq On : 12 Jul 2021 17:45
 Operator : JC/MD
 Sample : M3007-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:30:00 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	230757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	377212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155588	50.167	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.340%
35) Dibromofluoromethane	5.397	113	120404	49.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.860%
50) Toluene-d8	8.653	98	440501	48.479	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.085	95	156698	44.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.340%

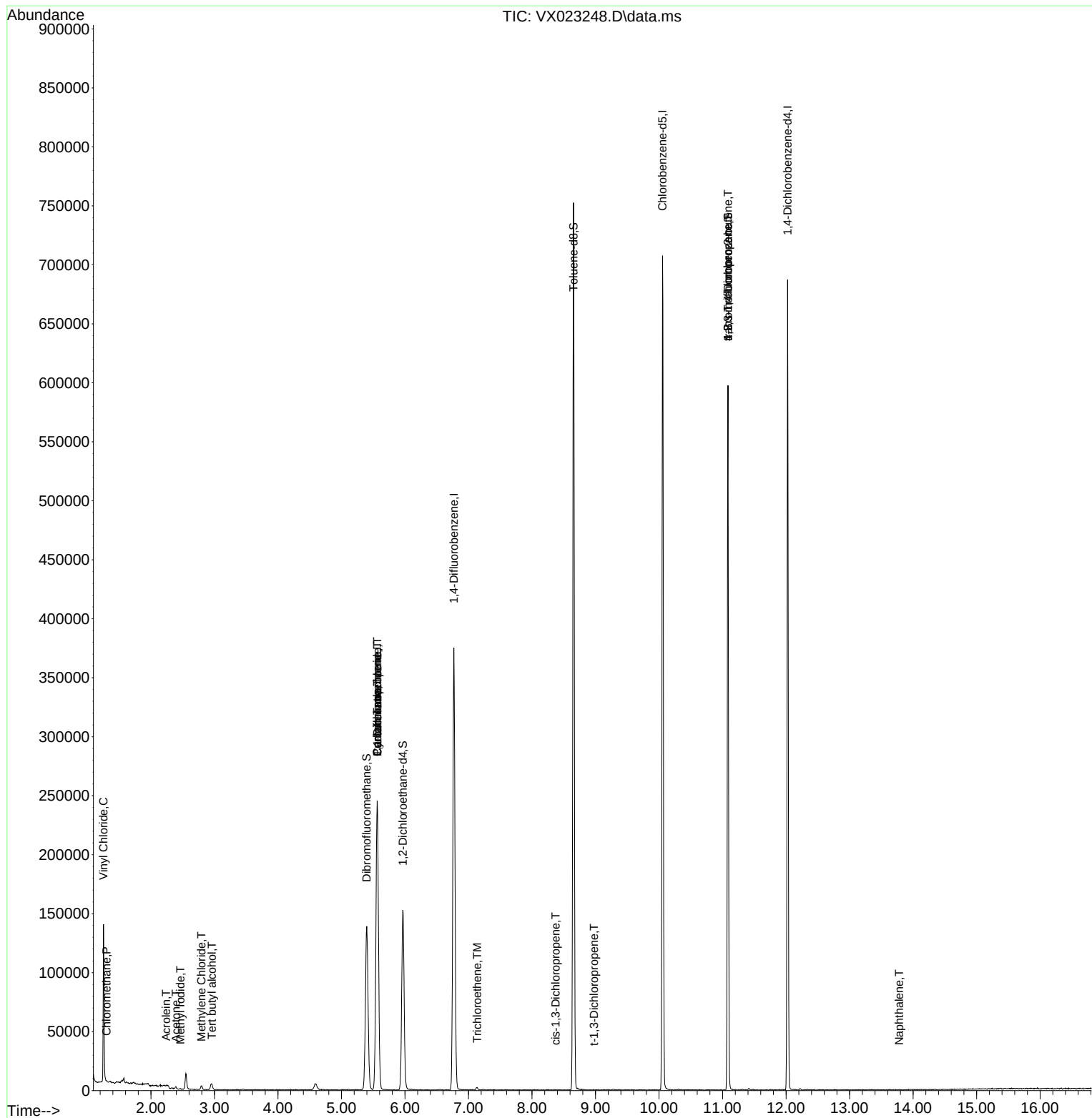
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	624	0.302	ug/l #	85
4) Vinyl Chloride	1.252	62	1023	0.467	ug/l #	43
5) Bromomethane	1.611	94	625	Below Cal	#	52
10) Methyl Iodide	2.465	142	665	0.243	ug/l #	73
11) Tert butyl alcohol	2.959	59	2980	4.567	ug/l #	77
13) Acrolein	2.239	56	145	0.334	ug/l #	41
16) Acetone	2.392	43	2591	2.112	ug/l	98
20) Methylene Chloride	2.794	84	1504	0.569	ug/l #	82
31) Cyclohexane	5.562	56	4937	1.330	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	17698	5.263	ug/l #	49
38) Carbon Tetrachloride	5.562	117	24222	6.901	ug/l #	16
44) Trichloroethene	7.135	130	772	0.279	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	19	2.741	ug/l #	44
54) cis-1,3-Dichloropropene	8.372	75	54	2.185	ug/l #	36
76) 1,2,3-Trichloropropane	11.085	75	79654	28.613	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	79654	77.048	ug/l #	12
95) Naphthalene	13.780	128	177	1.292	ug/l #	69

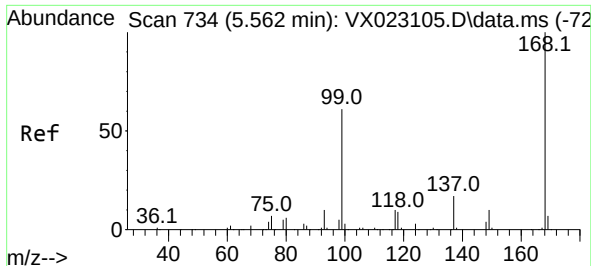
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

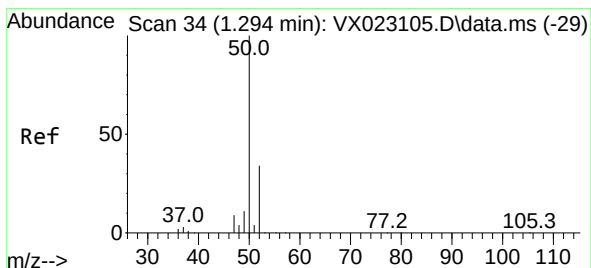
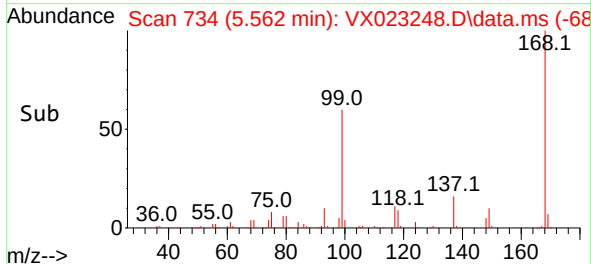
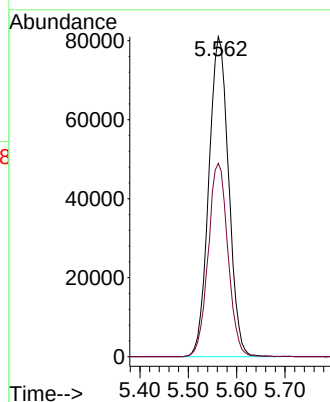
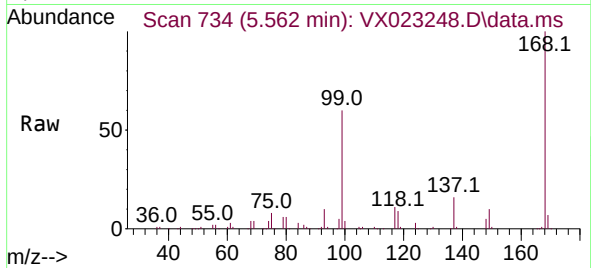




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

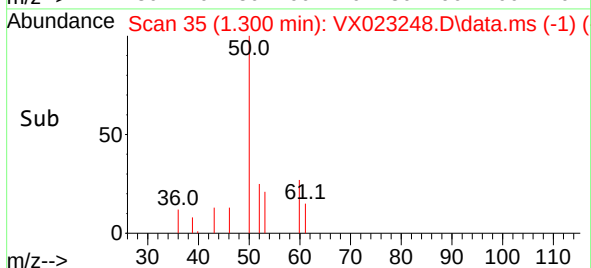
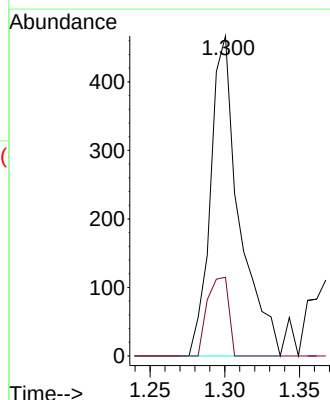
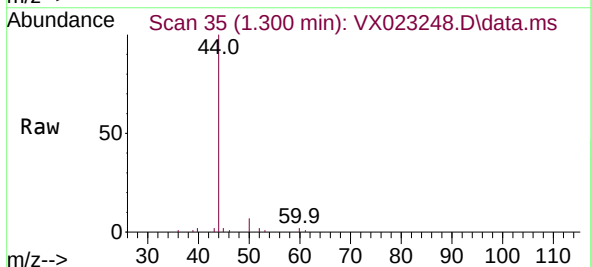
Instrument :
MSVOA_X
ClientSampled :

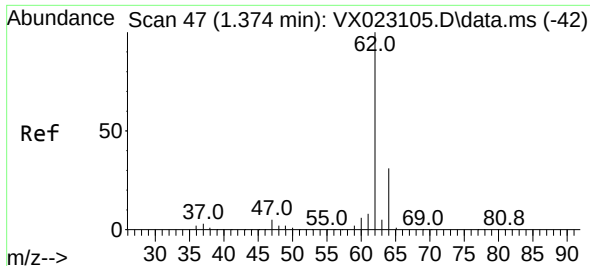
Tgt Ion:168 Resp: 230757
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#3
Chloromethane
Concen: 0.302 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Tgt Ion: 50 Resp: 624
Ion Ratio Lower Upper
50 100
52 24.6 26.4 39.6#

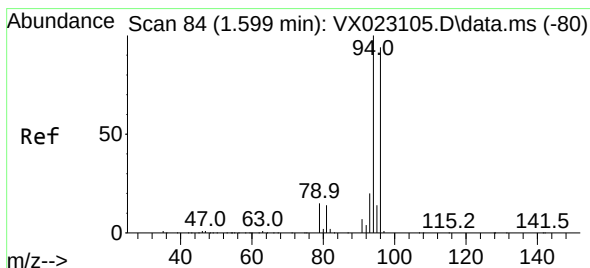
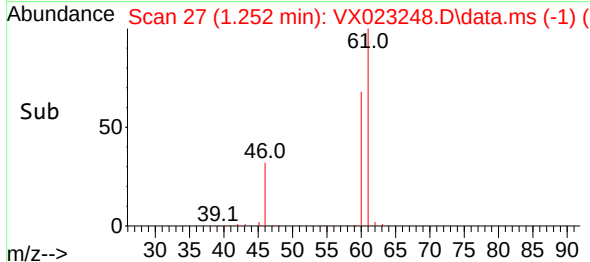
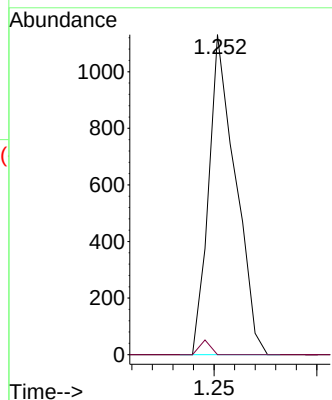
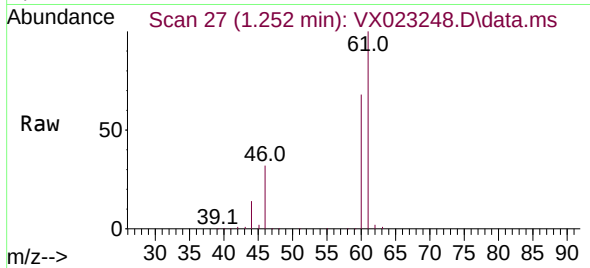




#4
 Vinyl Chloride
 Concen: 0.467 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023248.D
 Acq: 12 Jul 2021 17:45

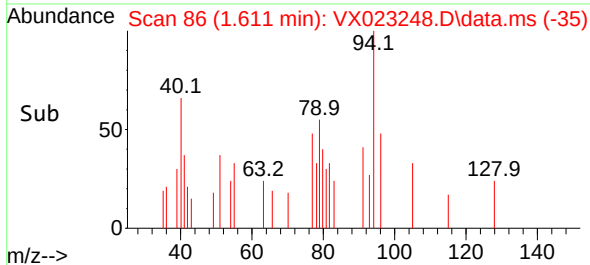
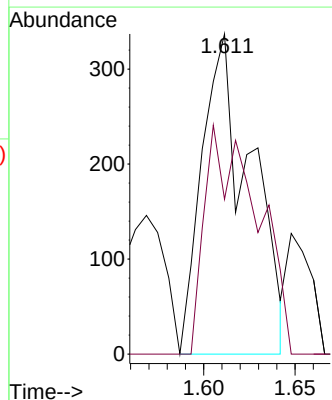
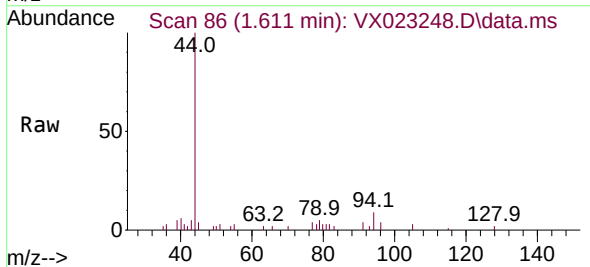
Instrument :
 MSVOA_X
 ClientSampled :

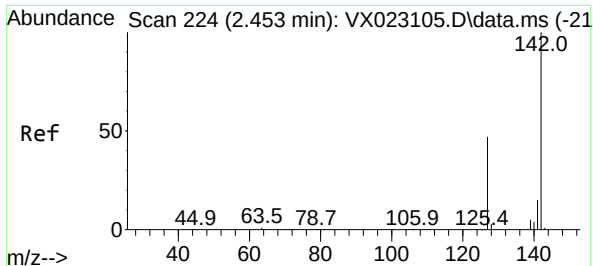
Tgt Ion: 62 Resp: 1023
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX023248.D
 Acq: 12 Jul 2021 17:45

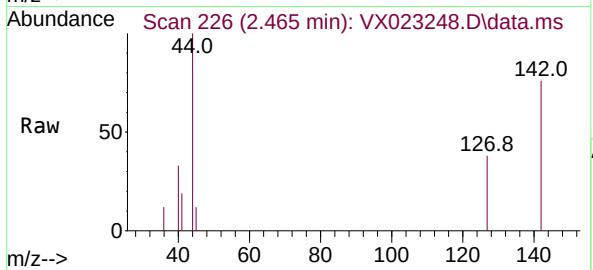
Tgt Ion: 94 Resp: 625
 Ion Ratio Lower Upper
 94 100
 96 48.4 76.4 114.6#



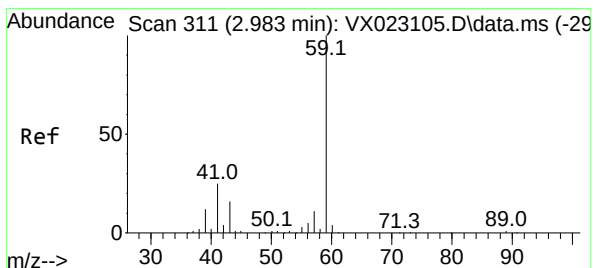
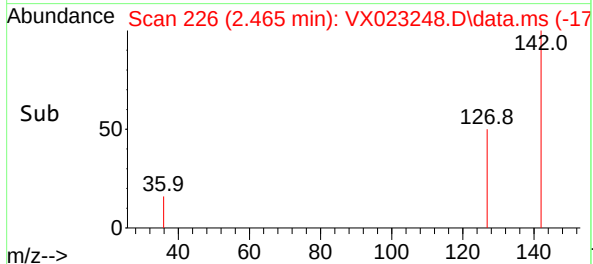
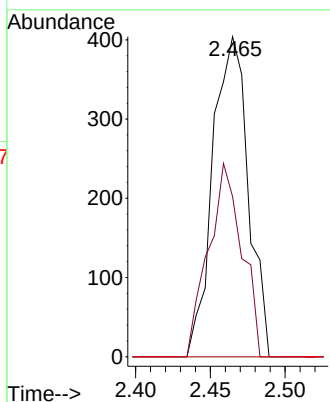


#10
Methyl Iodide
Concen: 0.243 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Instrument :
MSVOA_X
ClientSampled :

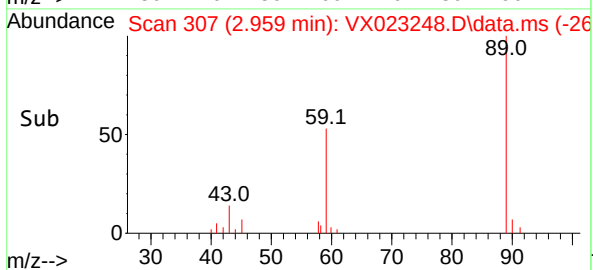
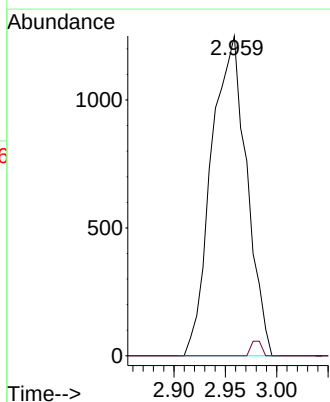
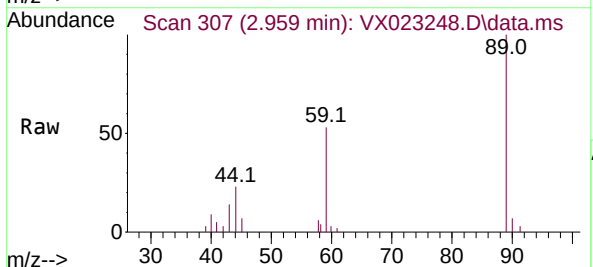


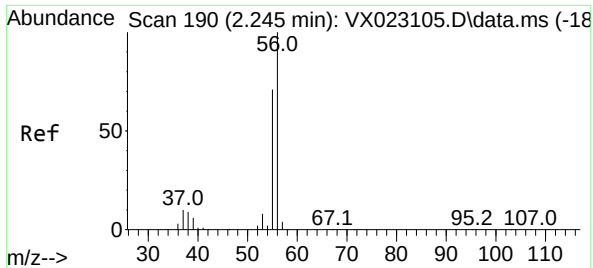
Tgt Ion:142 Resp: 665
Ion Ratio Lower Upper
142 100
127 57.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.567 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Tgt Ion: 59 Resp: 2980
Ion Ratio Lower Upper
59 100
57 1.4 7.8 11.8#

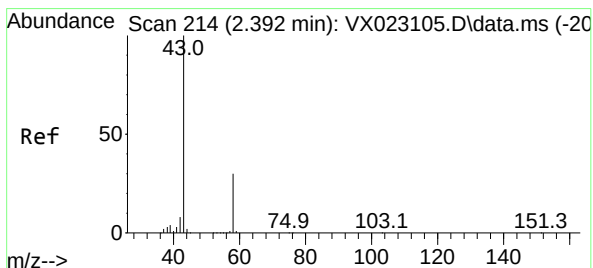
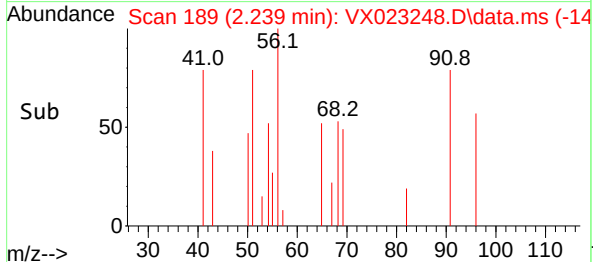
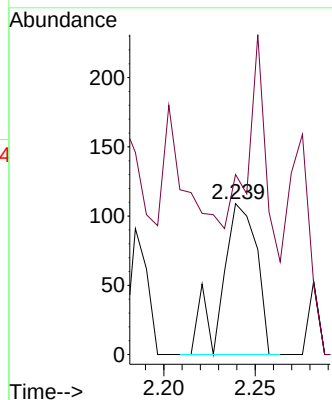
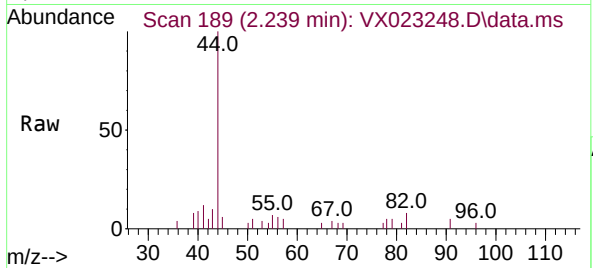




#13
Acrolein
Concen: 0.334 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

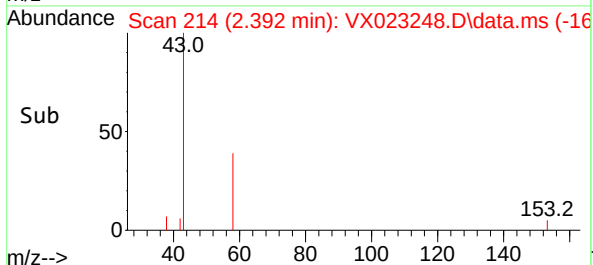
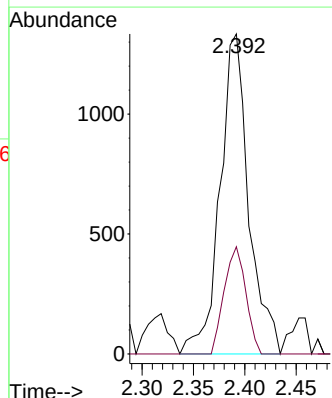
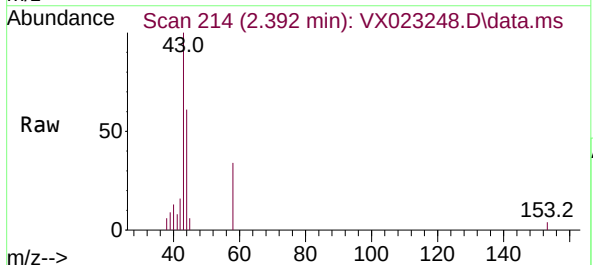
Instrument :
MSVOA_X
ClientSampled :

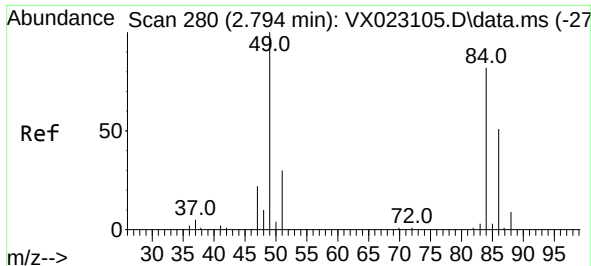
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 119.3 56.4 84.6#



#16
Acetone
Concen: 2.112 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

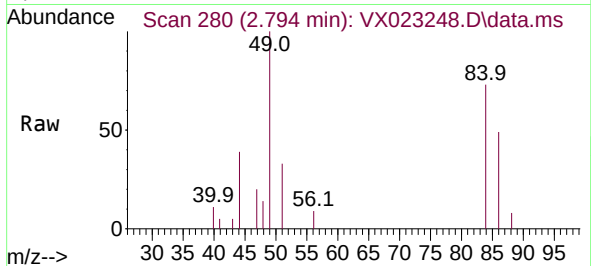
Tgt Ion: 43 Resp: 2591
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8



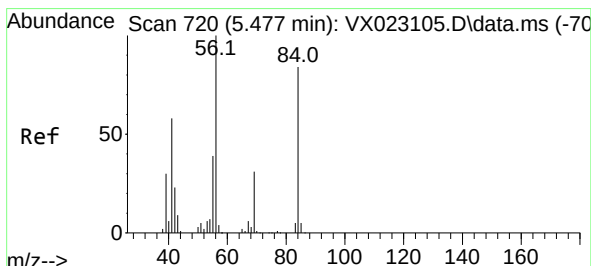
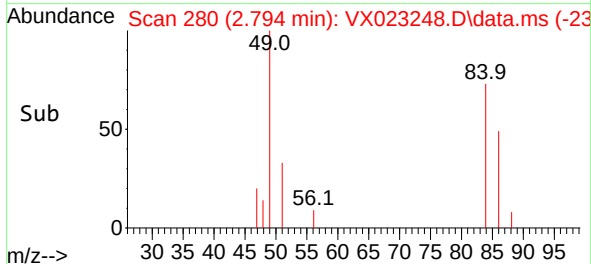
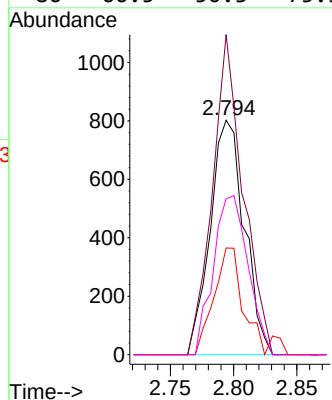


#20
Methylene Chloride
Concen: 0.569 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

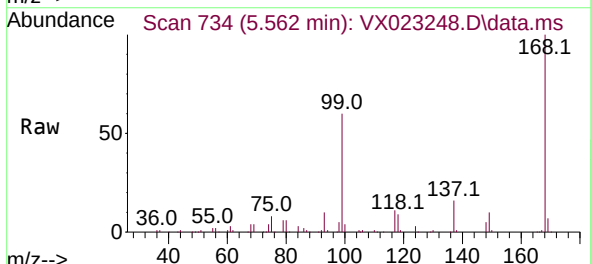
Instrument :
MSVOA_X
ClientSampled :



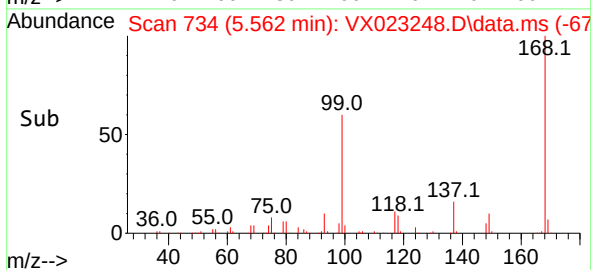
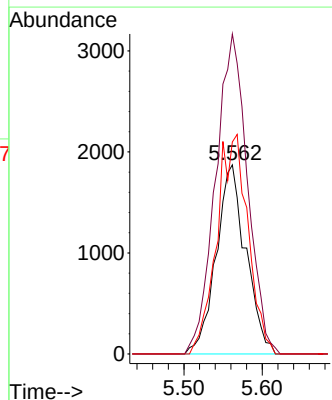
Tgt Ion:	84	Resp:	1504
Ion	Ratio	Lower	Upper
84	100		
49	136.5	88.6	132.8#
51	45.5	27.0	40.6#
86	66.5	50.3	75.5

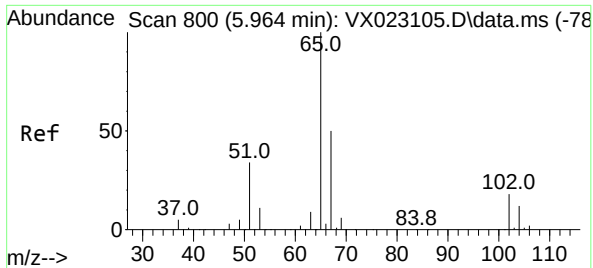


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45



Tgt Ion:	56	Resp:	4937
Ion	Ratio	Lower	Upper
56	100		
69	169.1	25.3	37.9#
84	112.1	71.4	107.0#

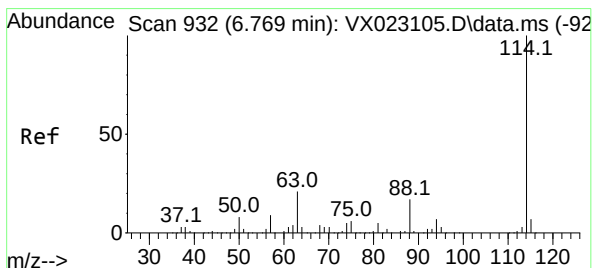
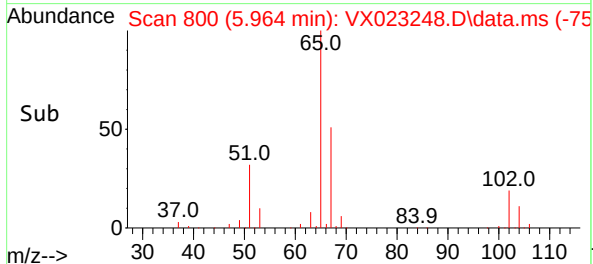
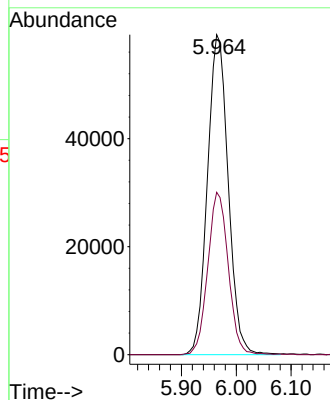
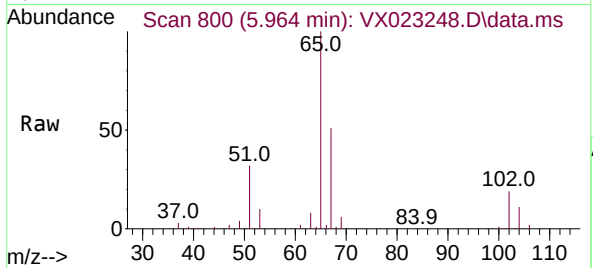




#33
1,2-Dichloroethane-d4
Concen: 50.167 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

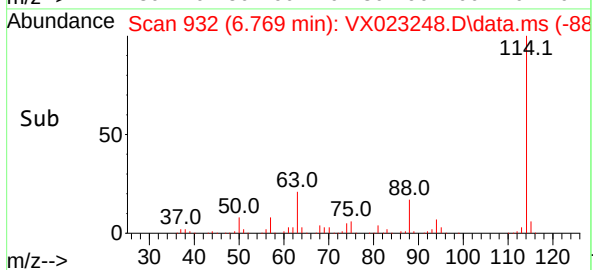
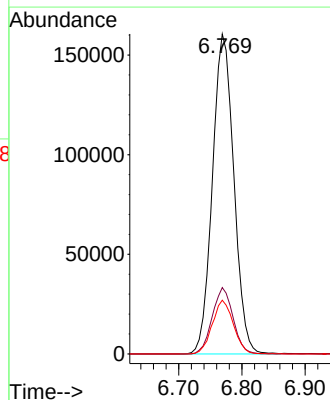
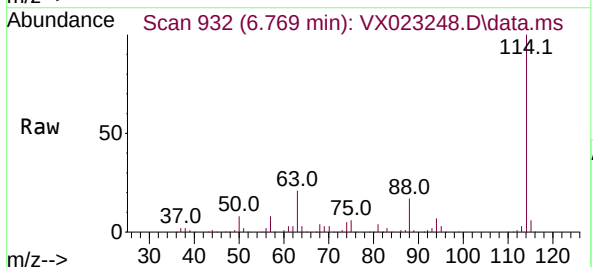
Instrument :
MSVOA_X
ClientSampled :

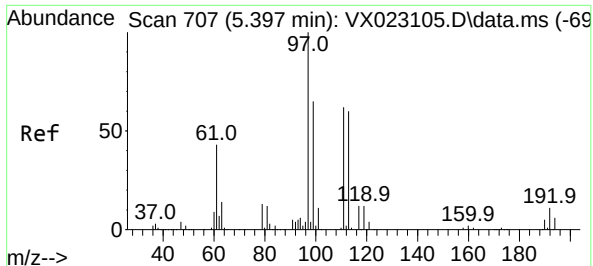
Tgt Ion: 65 Resp: 155588
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Tgt Ion:114 Resp: 377212
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.429 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023248.D

Acq: 12 Jul 2021 17:45

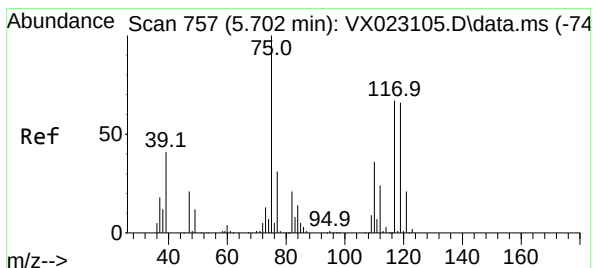
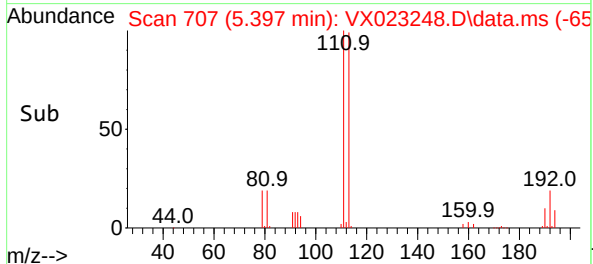
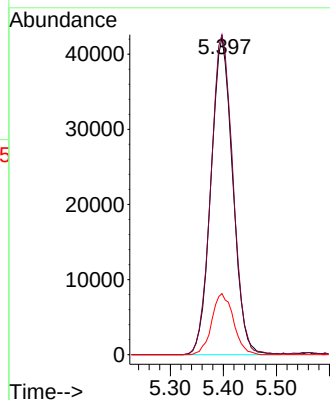
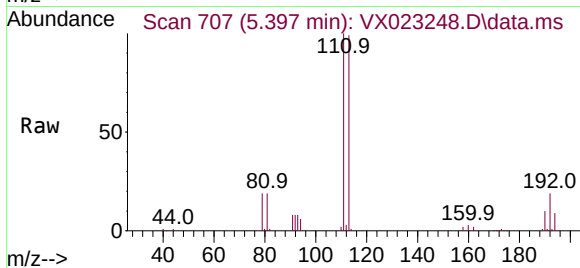
Tgt Ion:113 Resp: 120404

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 19.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.263 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023248.D

Acq: 12 Jul 2021 17:45

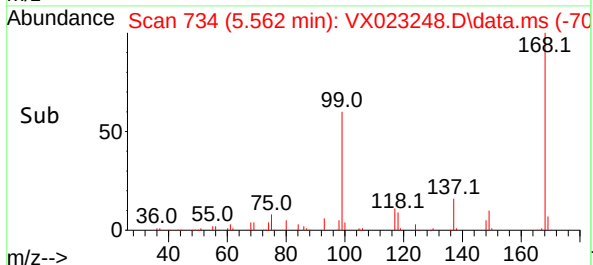
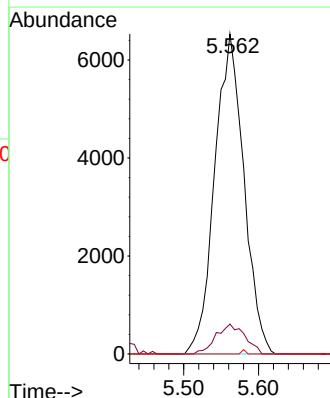
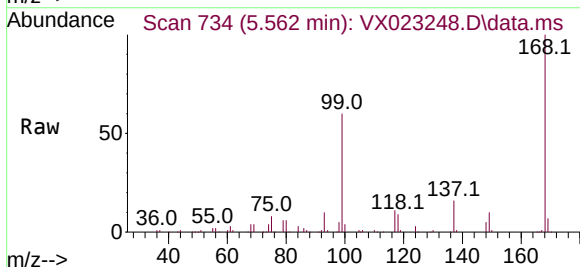
Tgt Ion: 75 Resp: 17698

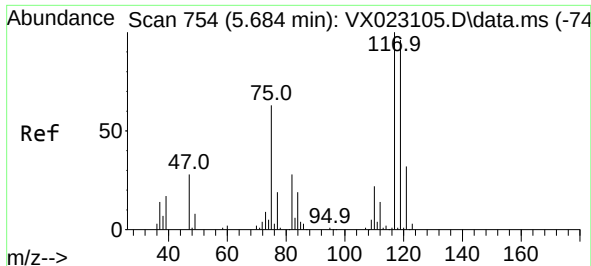
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

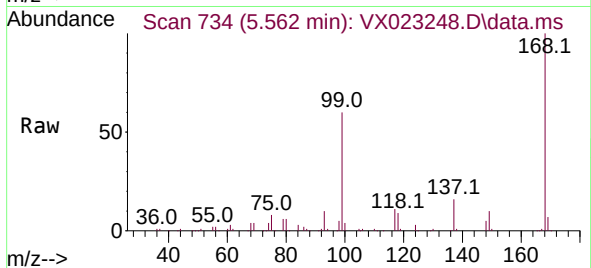
77 0.2 25.3 37.9#



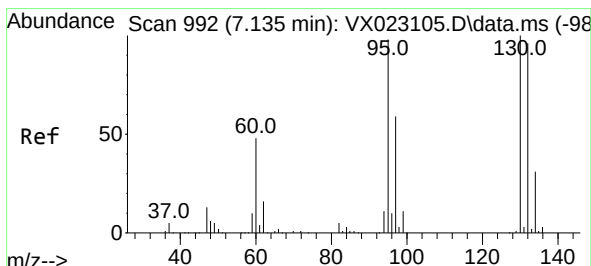
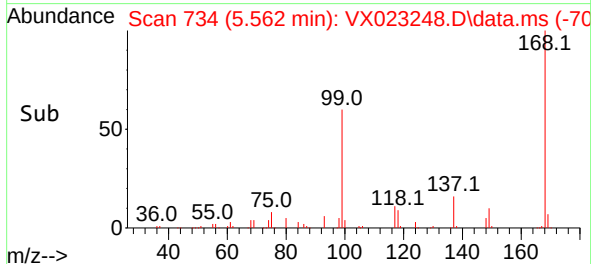
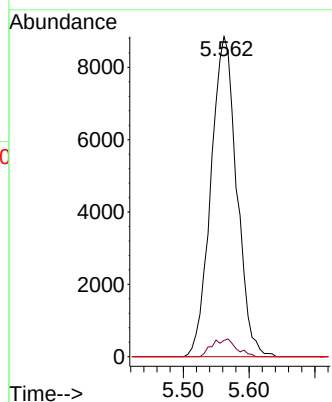


#38
Carbon Tetrachloride
Concen: 6.901 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Instrument :
MSVOA_X
ClientSampled :

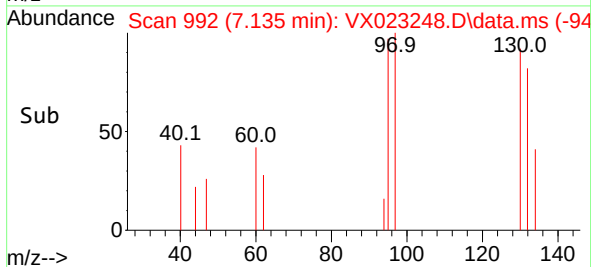
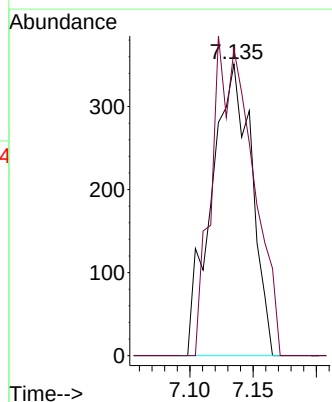
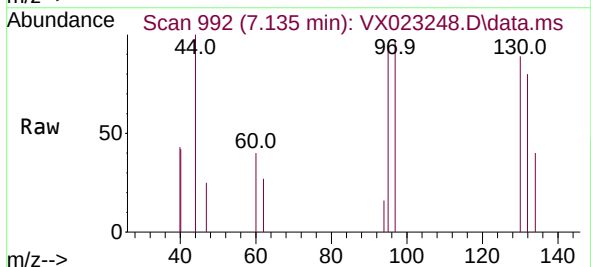


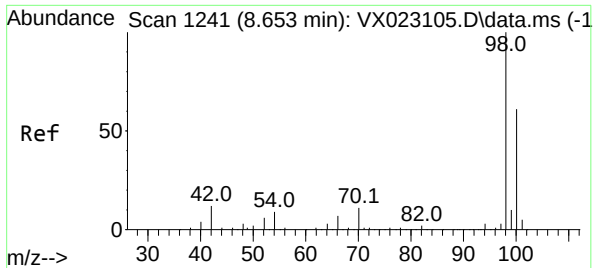
Tgt Ion:117 Resp: 24222
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.279 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Tgt Ion:130 Resp: 772
Ion Ratio Lower Upper
130 100
95 105.1 0.0 198.0

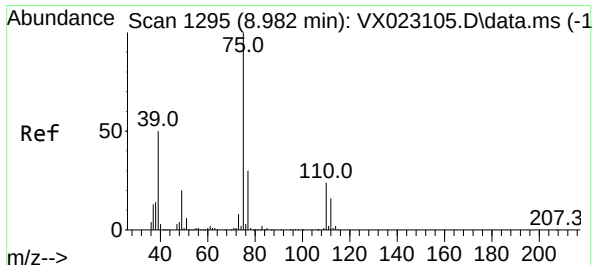
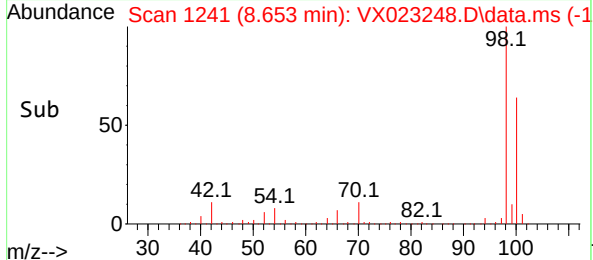
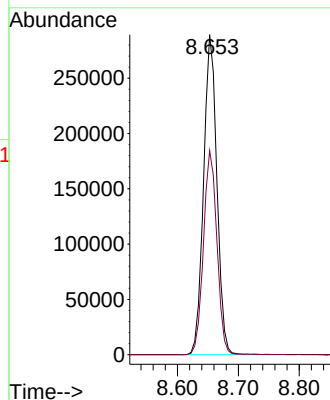
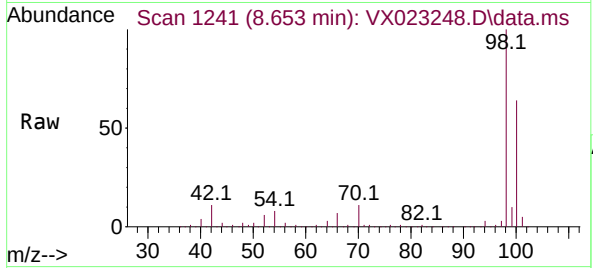




#50
Toluene-d8
Concen: 48.479 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

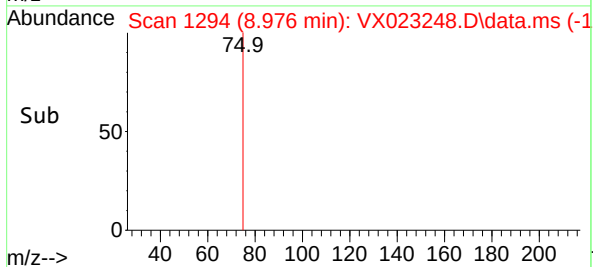
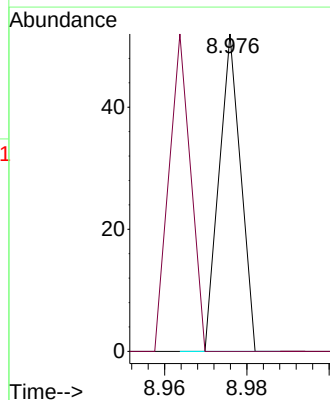
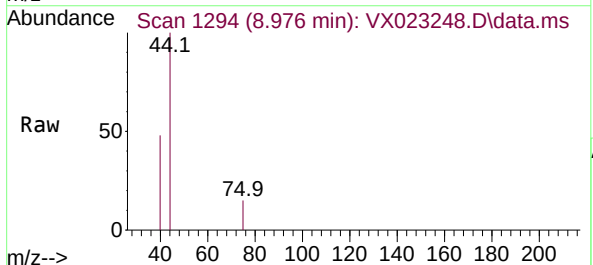
Instrument :
MSVOA_X
ClientSampled :

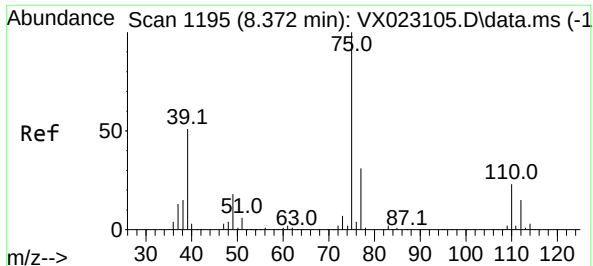
Tgt Ion: 98 Resp: 440501
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.741 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

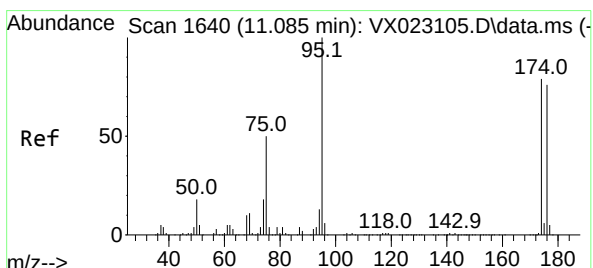
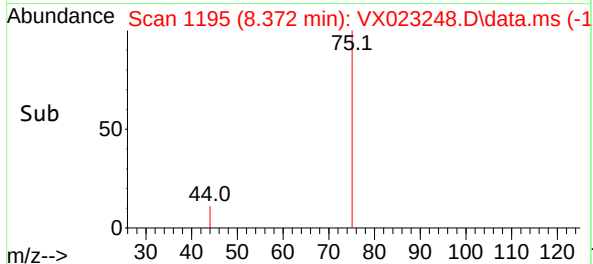
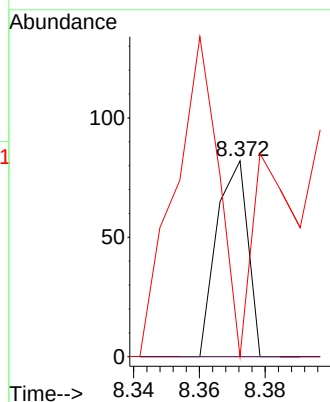
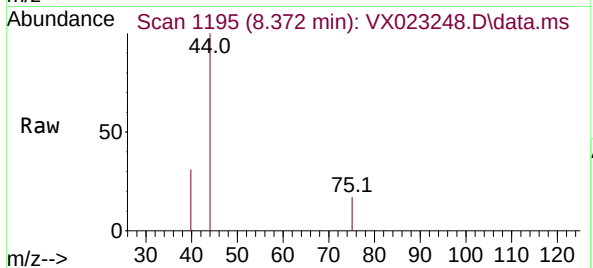




#54
 cis-1,3-Dichloropropene
 Concen: 2.185 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX023248.D
 Acq: 12 Jul 2021 17:45

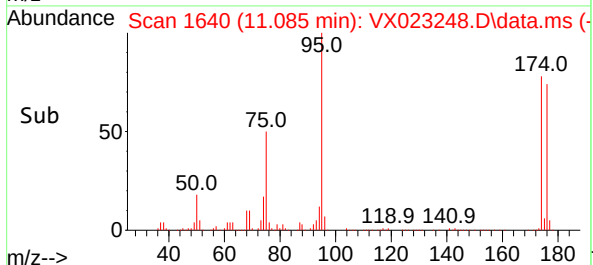
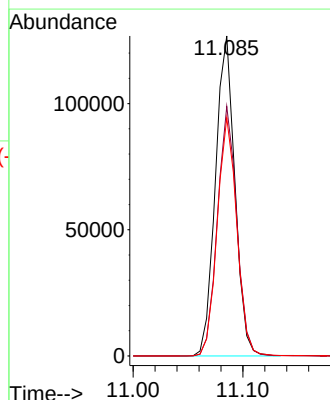
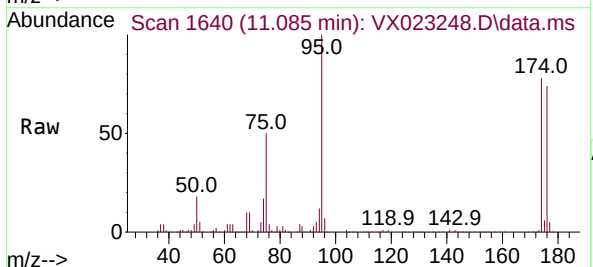
Instrument :
 MSVOA_X
 ClientSampled :

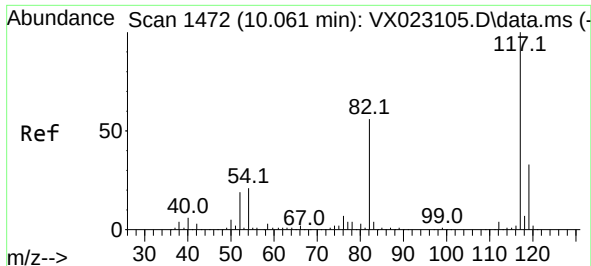
Tgt Ion: 75	Resp: 54
Ion Ratio	Lower Upper
75 100	
77 0.0	25.7 38.5#
39 0.0	35.1 52.7#



#62
 4-Bromofluorobenzene
 Concen: 44.671 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX023248.D
 Acq: 12 Jul 2021 17:45

Tgt Ion: 95	Resp: 156698
Ion Ratio	Lower Upper
95 100	
174 77.5	0.0 154.6
176 74.7	0.0 155.8

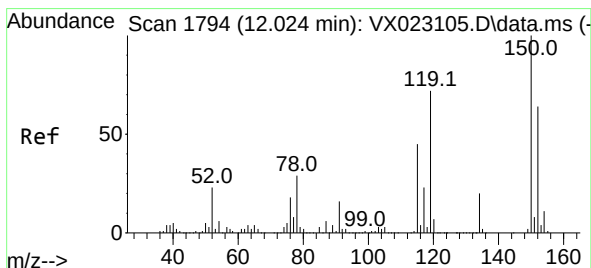
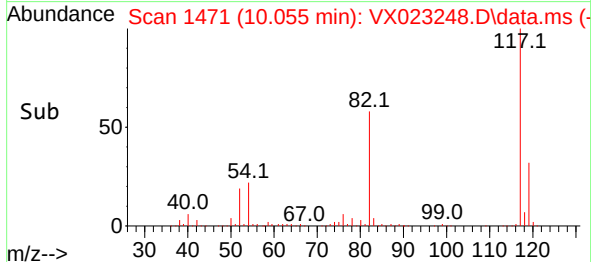
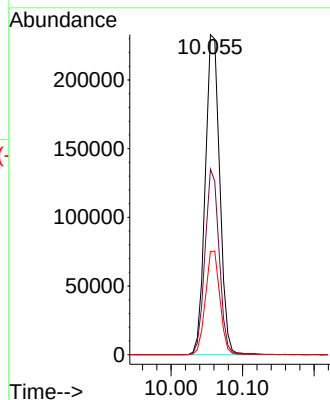
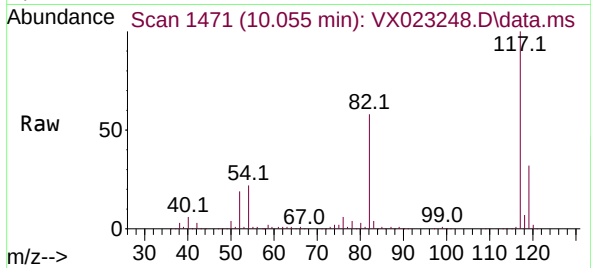




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

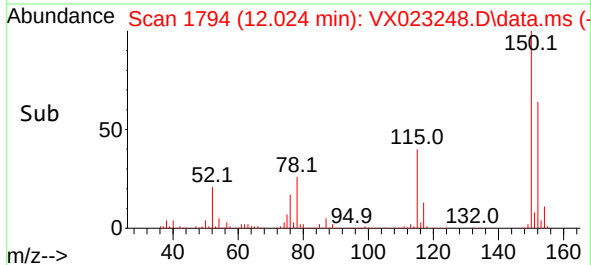
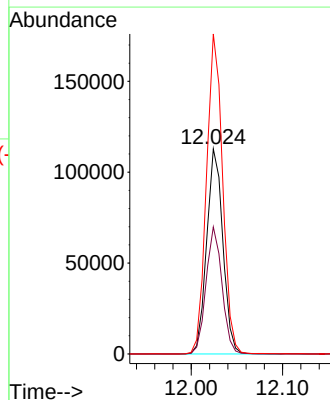
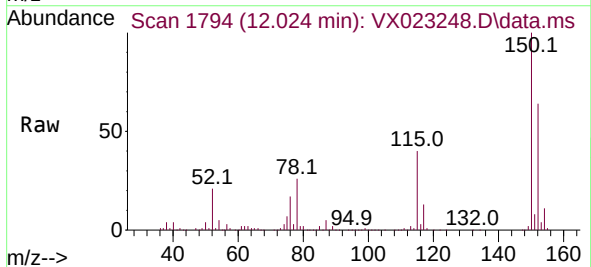
Instrument :
MSVOA_X
ClientSampled :

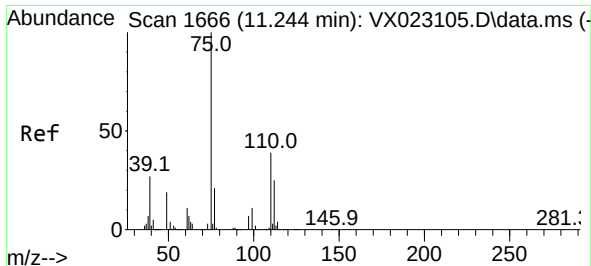
Tgt Ion:117 Resp: 328331
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Tgt Ion:152 Resp: 138337
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 155.7 0.0 349.0

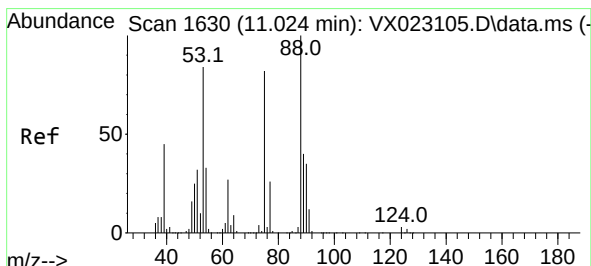
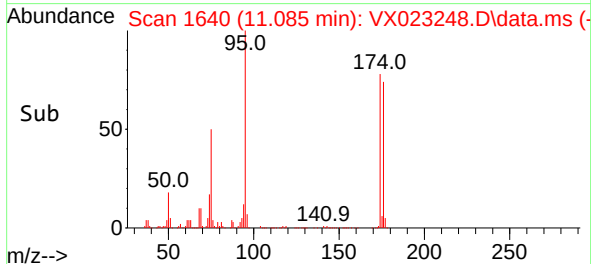
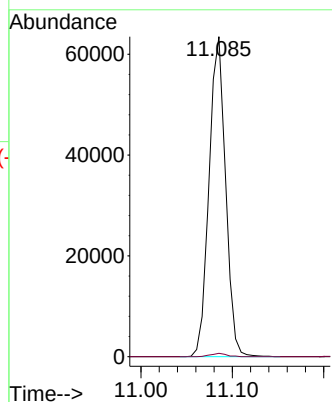
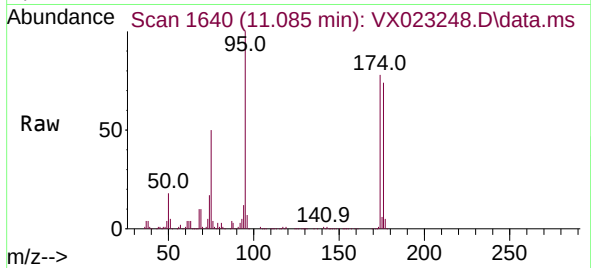




#76
1,2,3-Trichloropropane
Concen: 28.613 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

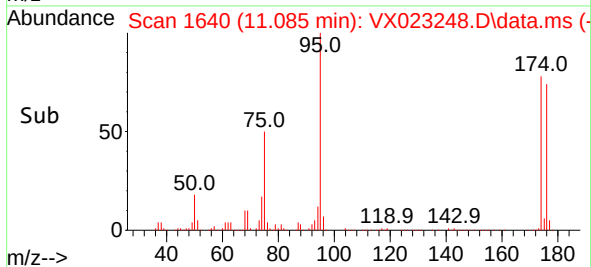
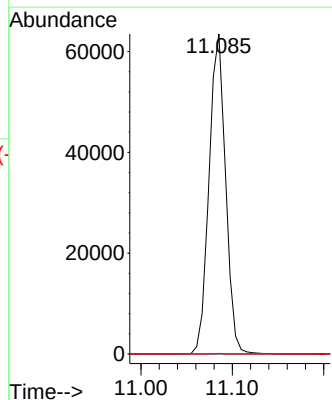
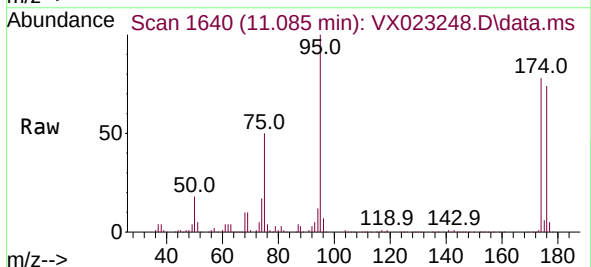
Instrument :
MSVOA_X
ClientSampled :

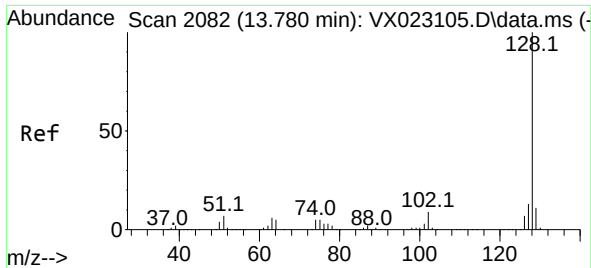
Tgt Ion: 75 Resp: 79654
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.048 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Tgt Ion: 75 Resp: 79654
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.292 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023248.D
Acq: 12 Jul 2021 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 177
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

