

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
 Data File : VX023307.D
 Acq On : 15 Jul 2021 18:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 16 03:54:05 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)

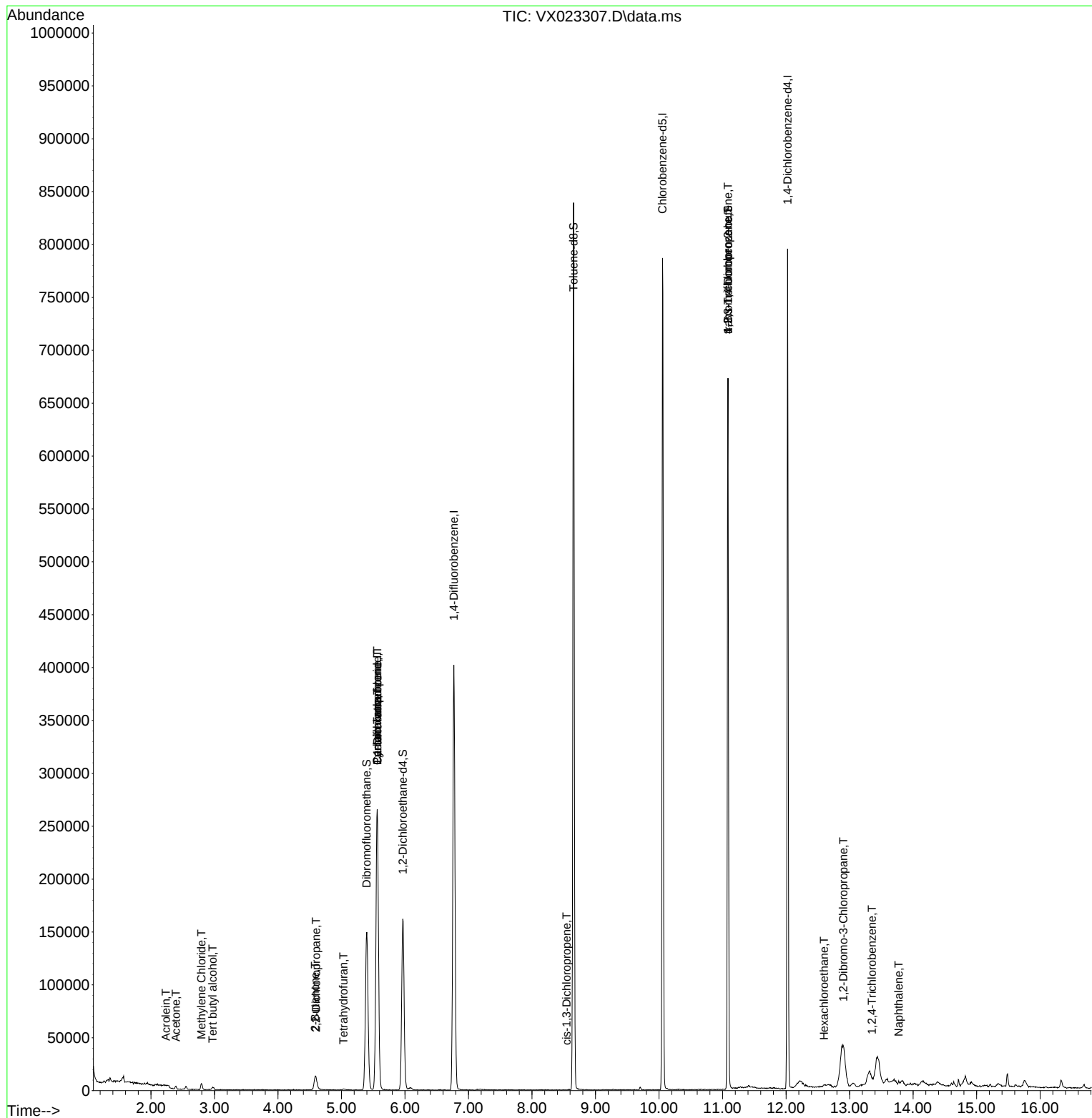
Internal Standards						
1) Pentafluorobenzene	5.562	168	249258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	402237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167633	50.039	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.080%			
35) Dibromofluoromethane	5.397	113	130916	50.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	8.653	98	477001	49.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.460%			
62) 4-Bromofluorobenzene	11.085	95	177162	47.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.720%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	249	Below Cal	#	56
11) Tert butyl alcohol	2.971	59	1776	2.520	ug/l #	91
13) Acrolein	2.233	56	138	0.294	ug/l #	77
16) Acetone	2.392	43	2773	2.092	ug/l #	82
20) Methylene Chloride	2.794	84	2908	1.019	ug/l #	93
25) 2-Butanone	4.586	43	1550	0.776	ug/l #	45
26) 2,2-Dichloropropane	4.599	77	1080	0.280	ug/l #	52
29) Tetrahydrofuran	5.031	42	799	0.622	ug/l #	39
31) Cyclohexane	5.562	56	5101	1.272	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	19453	5.425	ug/l #	49
38) Carbon Tetrachloride	5.562	117	25493	6.811	ug/l #	16
54) cis-1,3-Dichloropropene	8.543	75	20	2.177	ug/l #	36
76) 1,2,3-Trichloropropane	11.085	75	89011	27.648	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	89011	74.609	ug/l #	12
90) Hexachloroethane	12.597	117	29	3.012	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.902	75	795	3.429	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.353	180	1388	0.429	ug/l #	12
95) Naphthalene	13.774	128	869	1.346	ug/l #	79

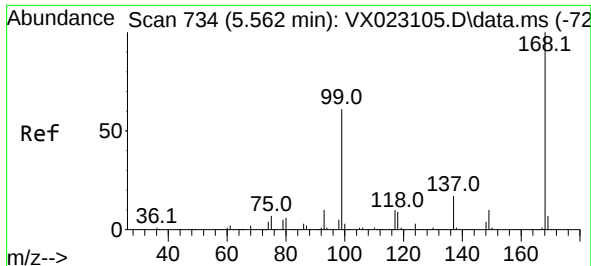
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 16 03:54:05 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

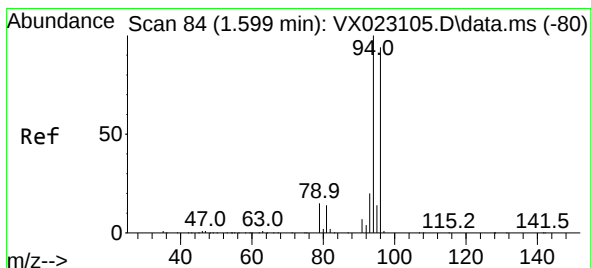
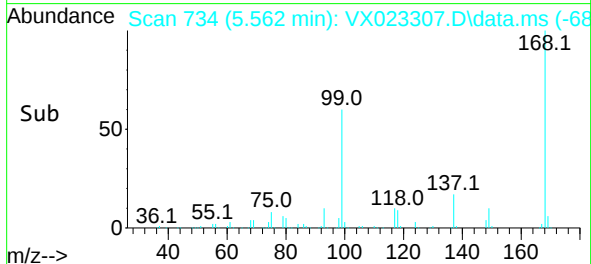
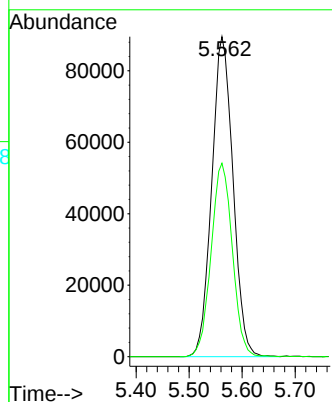
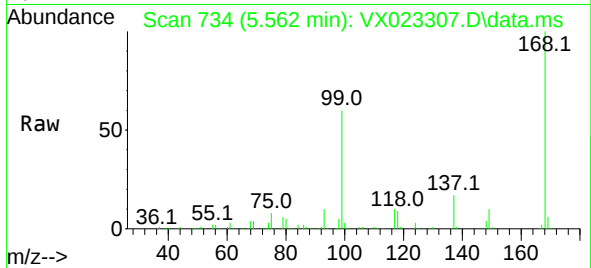




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

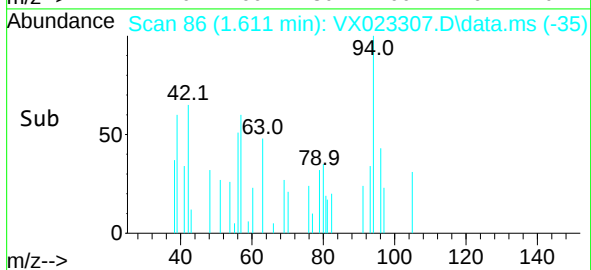
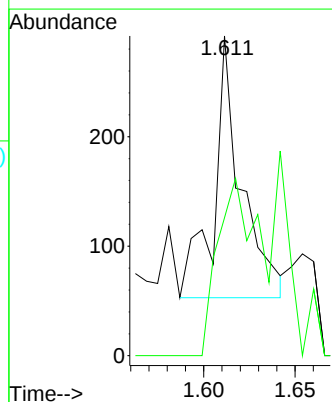
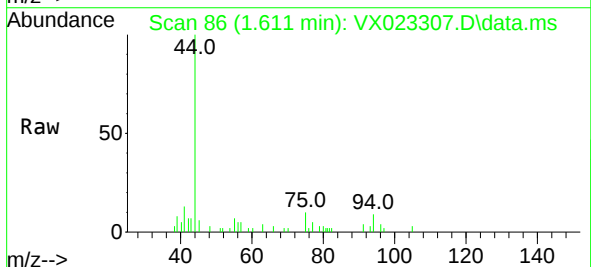
Instrument :
MSVOA_X
ClientSampleId :

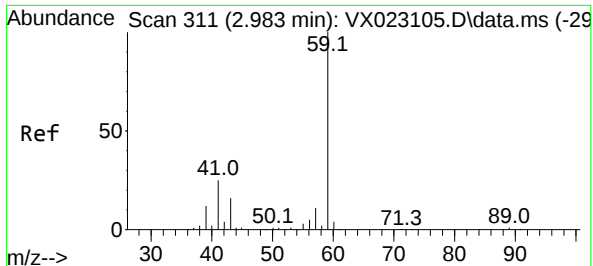
Tgt Ion:168 Resp: 249258
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 52.7 76.4 114.6#



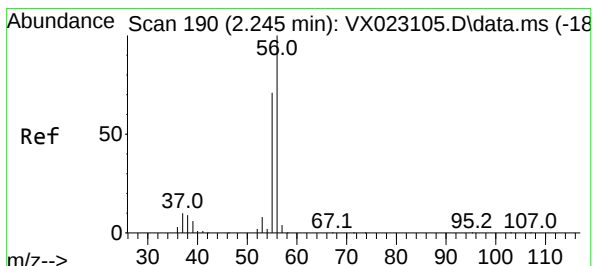
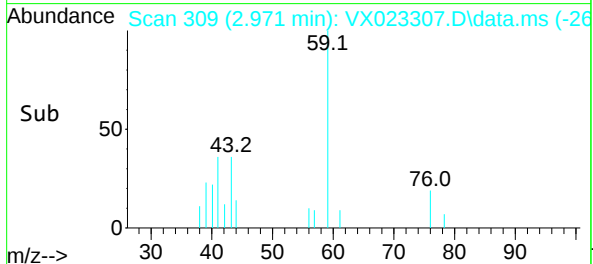
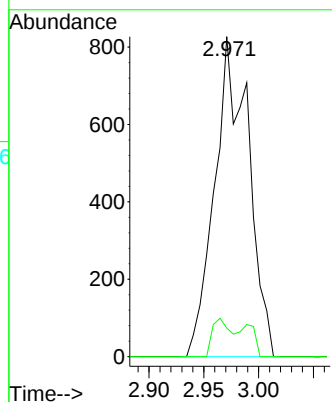
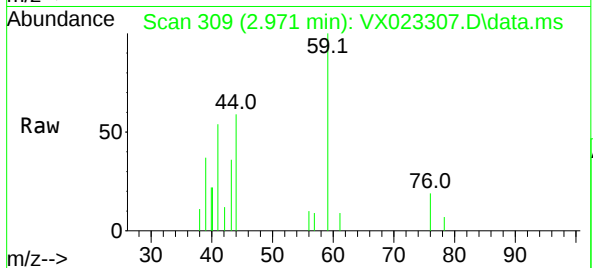


#11

Tert butyl alcohol
Concen: 2.520 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Instrument :
MSVOA_X
ClientSampled :

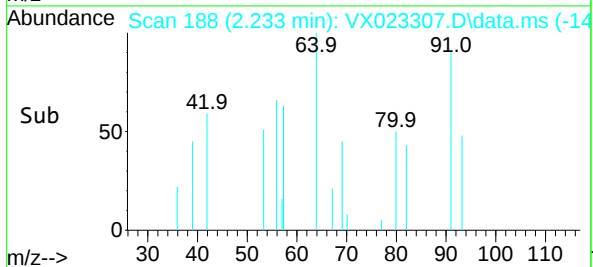
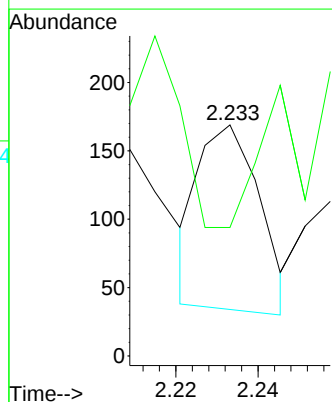
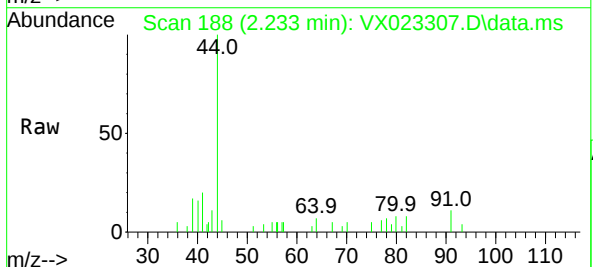
Tgt Ion: 59 Resp: 1776
Ion Ratio Lower Upper
59 100
57 6.5 7.8 11.8#

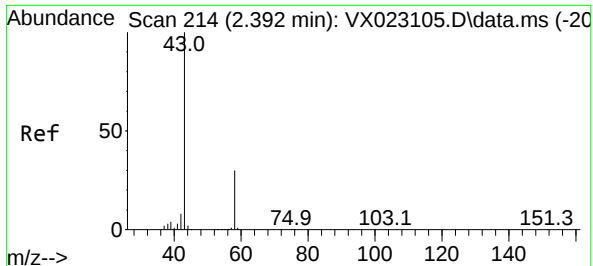


#13

Acrolein
Concen: 0.294 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 89.9 56.4 84.6#

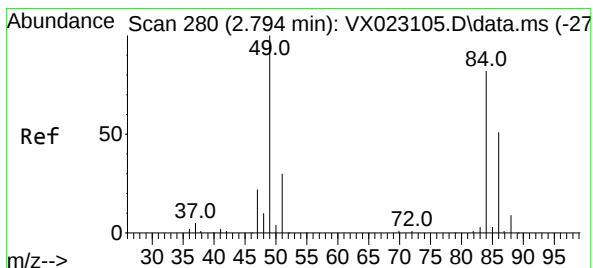
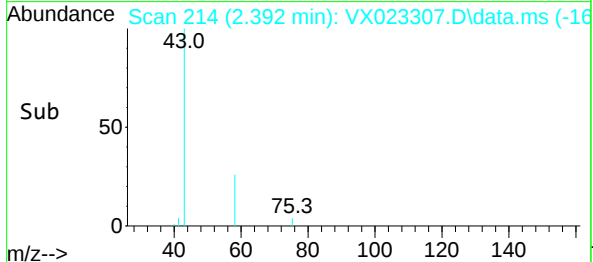
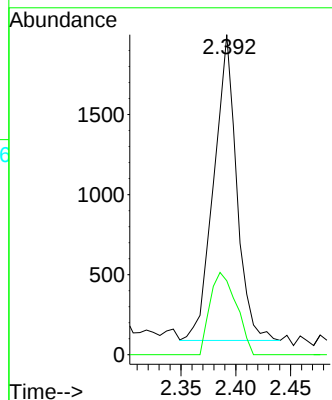
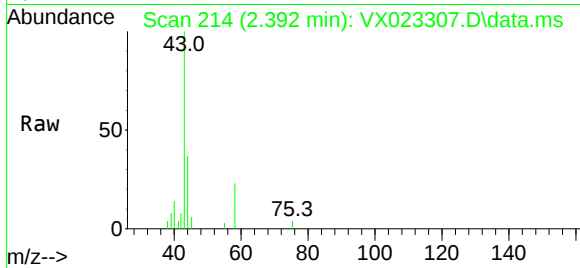




#16
Acetone
Concen: 2.092 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

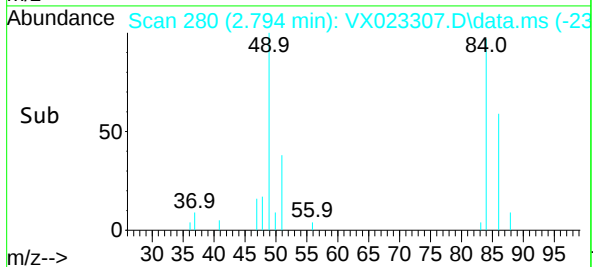
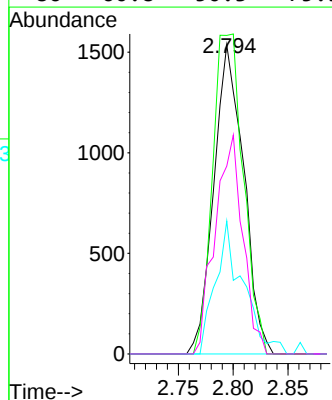
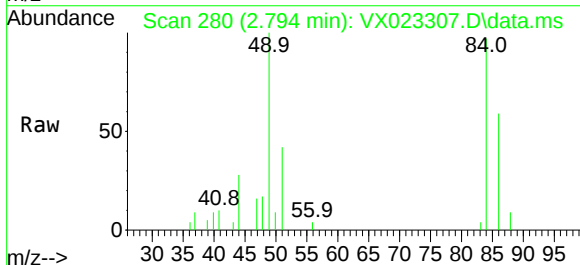
Instrument :
MSVOA_X
ClientSampled :

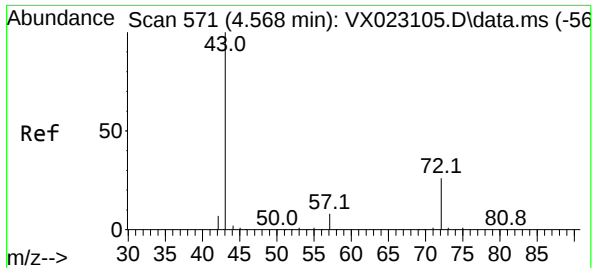
Tgt Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
58 24.2 27.8 41.8#



#20
Methylene Chloride
Concen: 1.019 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion: 84 Resp: 2908
Ion Ratio Lower Upper
84 100
49 103.1 88.6 132.8
51 43.0 27.0 40.6#
86 60.8 50.3 75.5

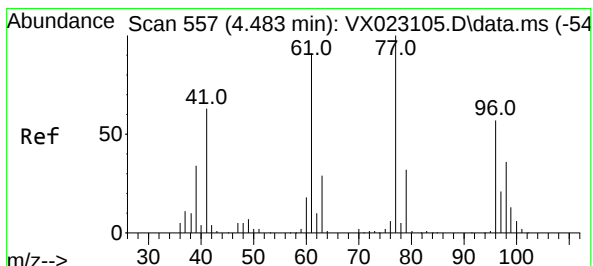
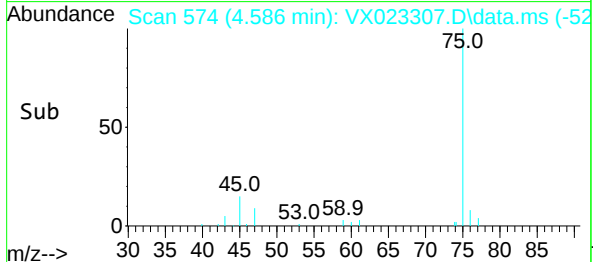
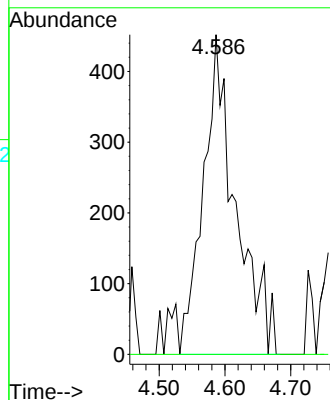
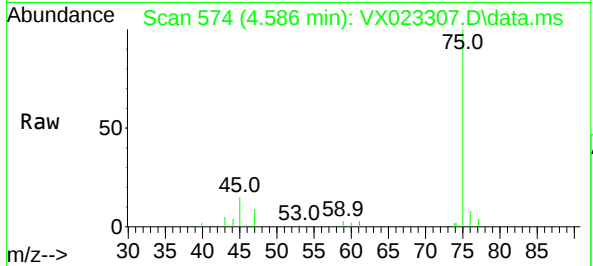




#25
2-Butanone
Concen: 0.776 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

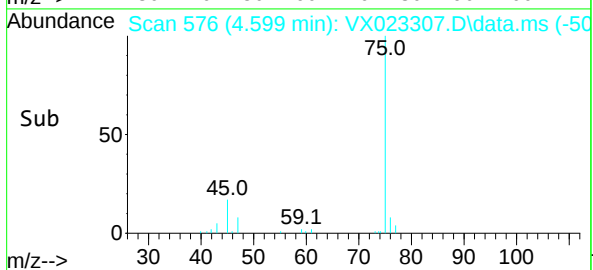
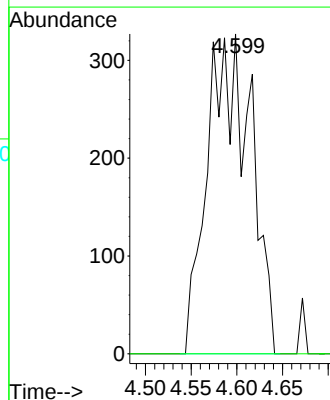
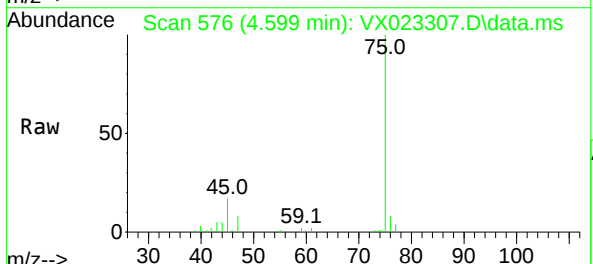
Instrument :
MSVOA_X
ClientSampled :

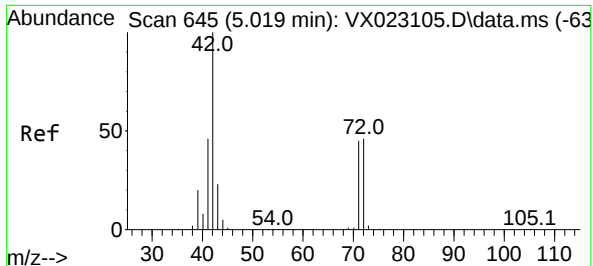
Tgt Ion: 43 Resp: 1550
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.280 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.116 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion: 77 Resp: 1080
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#29

Tetrahydrofuran

Concen: 0.622 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.012 min

Lab File: VX023307.D

Acq: 15 Jul 2021 18:22

Tgt Ion: 42 Resp: 799

Ion Ratio Lower Upper

42 100

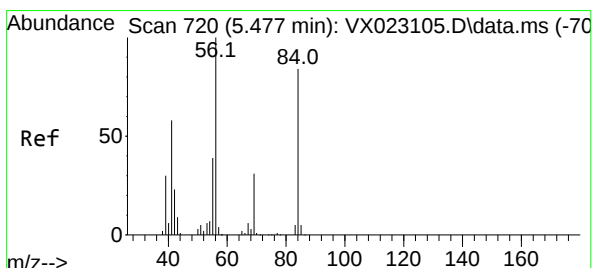
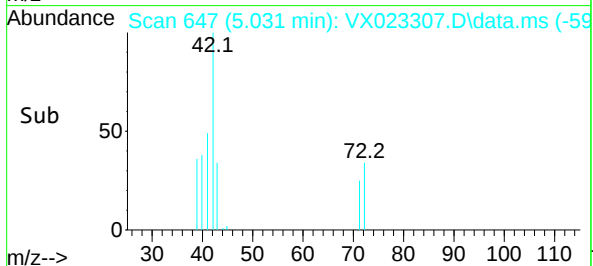
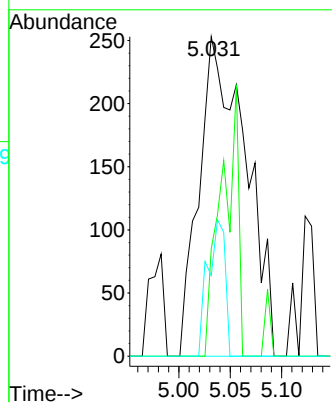
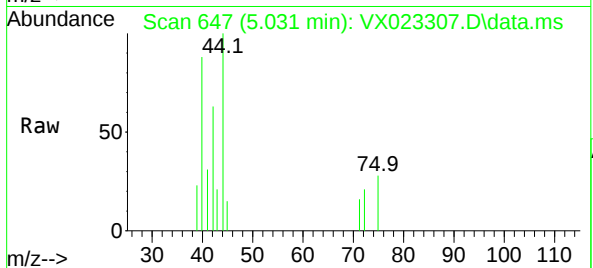
72 0.0 41.7 62.5#

71 15.8 38.4 57.6#

Instrument :

MSVOA_X

ClientSampled :



#31

Cyclohexane

Concen: 1.272 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023307.D

Acq: 15 Jul 2021 18:22

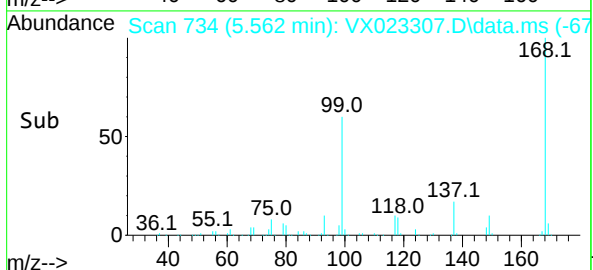
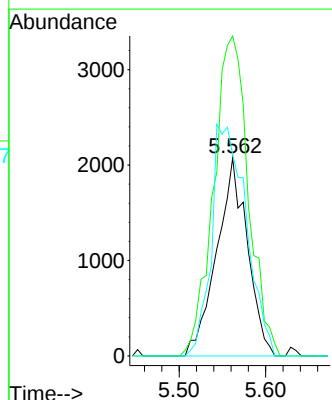
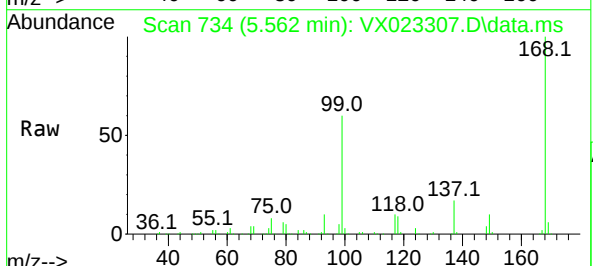
Tgt Ion: 56 Resp: 5101

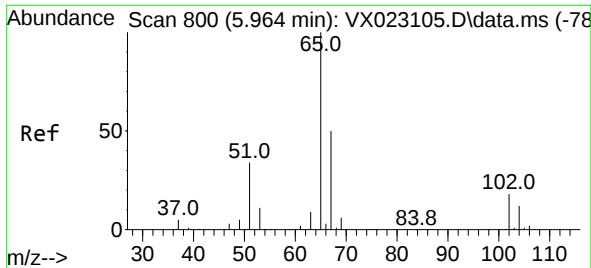
Ion Ratio Lower Upper

56 100

69 161.6 25.3 37.9#

84 101.7 71.4 107.0

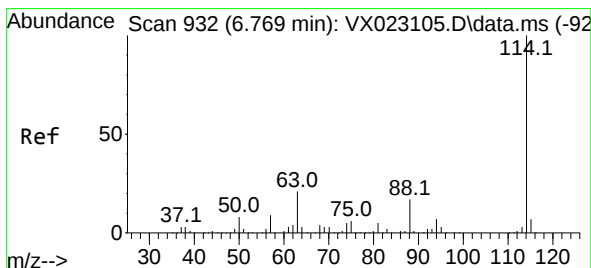
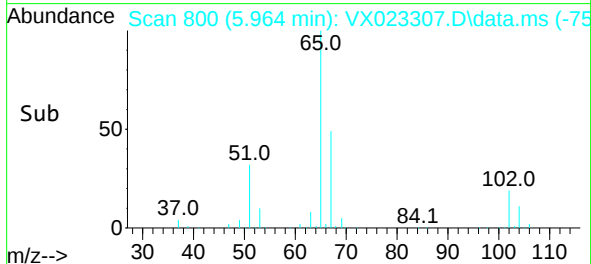
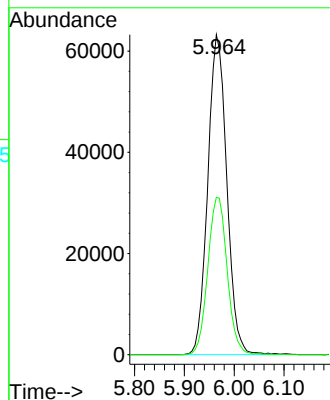
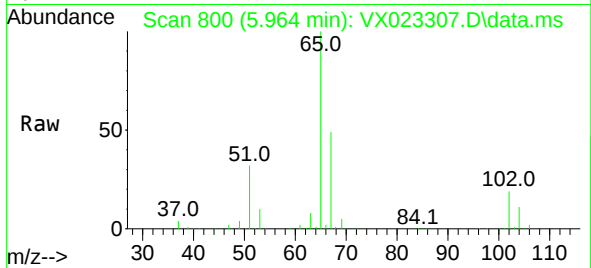




#33
1,2-Dichloroethane-d4
Concen: 50.039 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

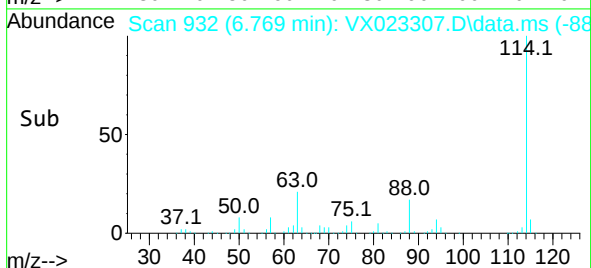
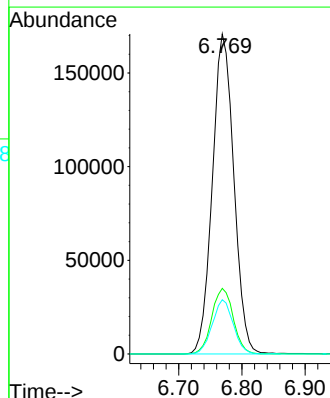
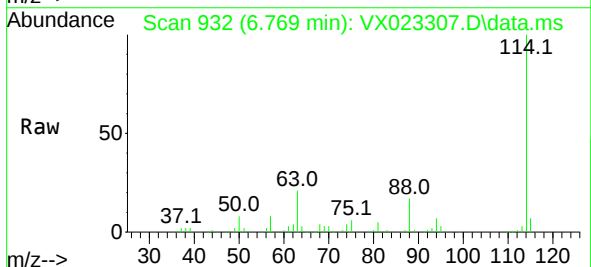
Instrument :
MSVOA_X
ClientSampled :

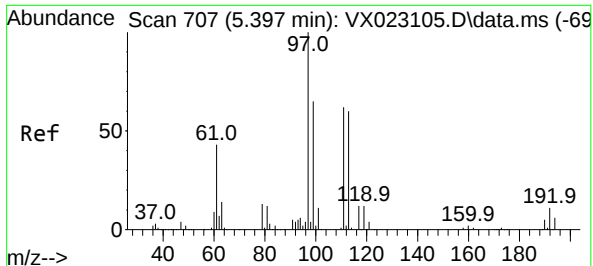
Tgt Ion: 65 Resp: 167633
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion:114 Resp: 402237
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.9 0.0 32.8

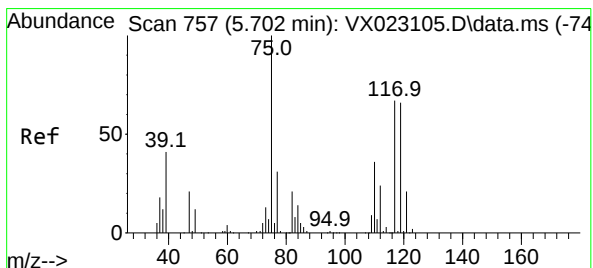
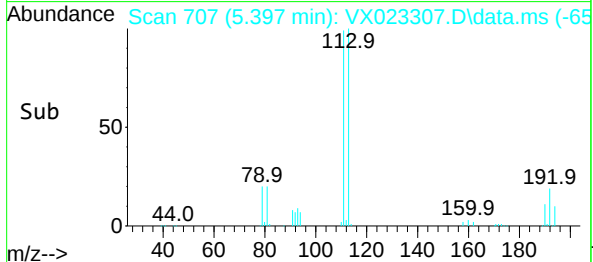
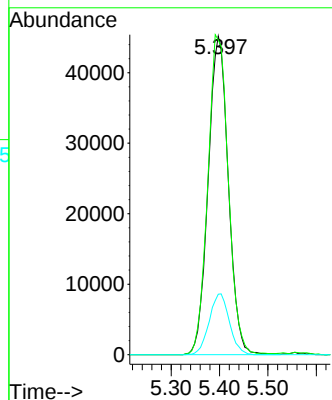
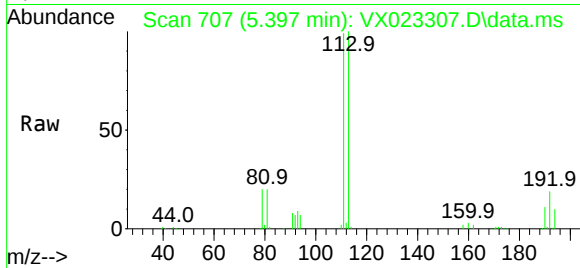




#35
Dibromofluoromethane
Concen: 50.401 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

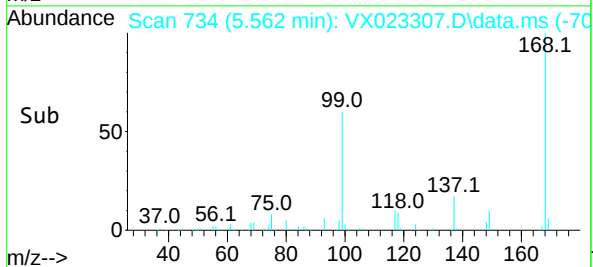
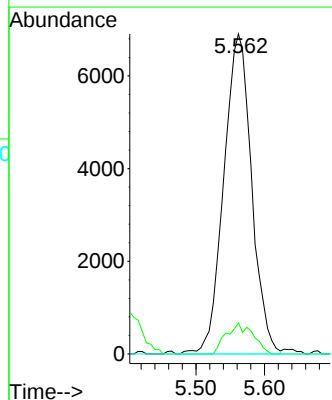
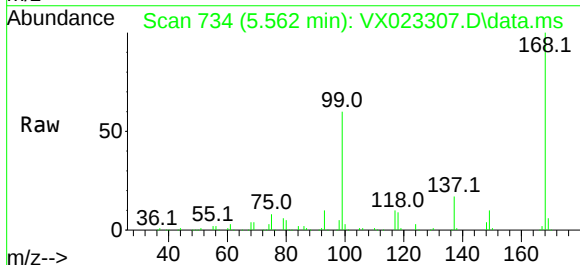
Instrument :
MSVOA_X
ClientSampled :

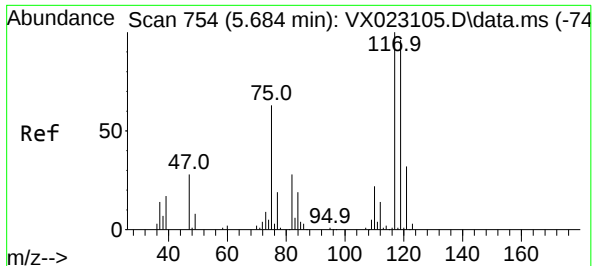
Tgt Ion:113 Resp: 130916
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.425 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

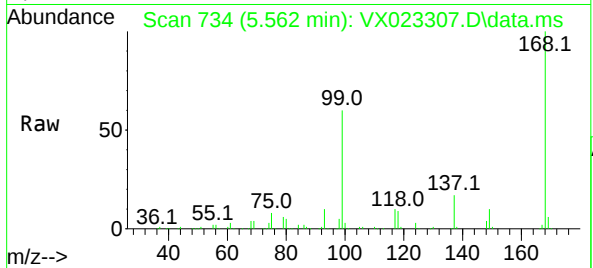
Tgt Ion: 75 Resp: 19453
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



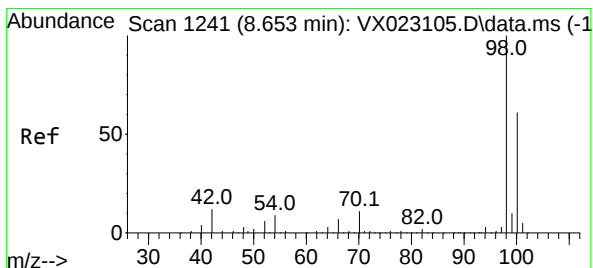
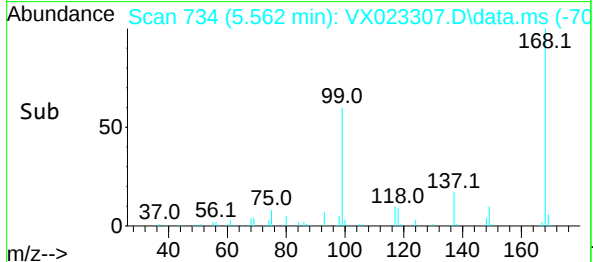
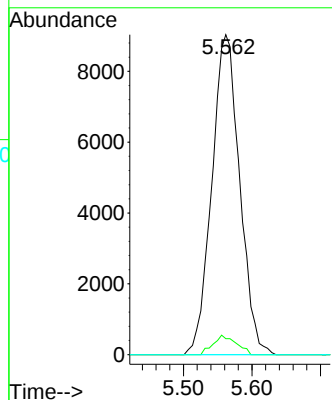


#38
Carbon Tetrachloride
Concen: 6.811 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Instrument :
MSVOA_X
ClientSampleId :

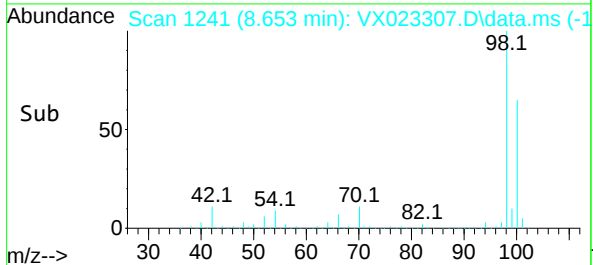
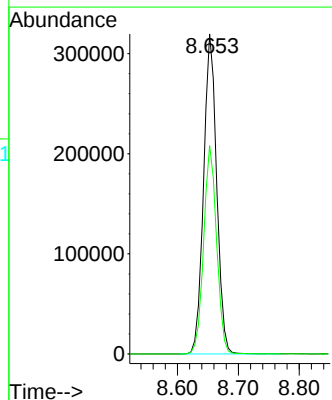
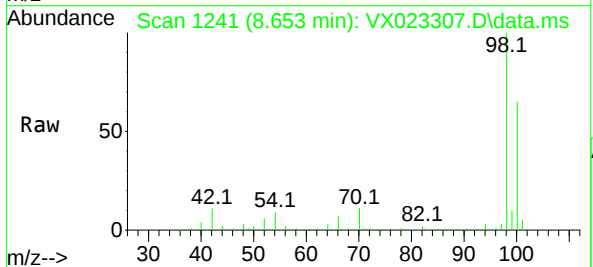


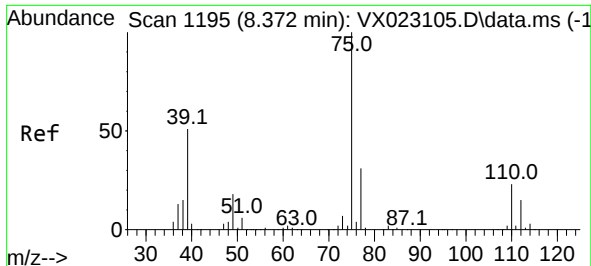
Tgt Ion:117 Resp: 25493
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.230 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion: 98 Resp: 477001
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

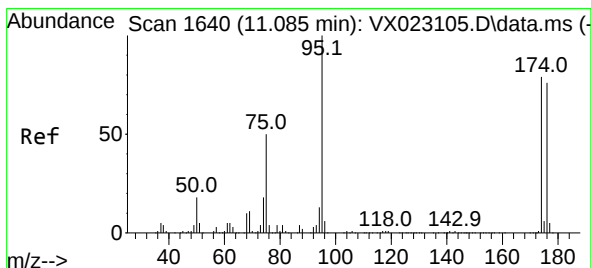
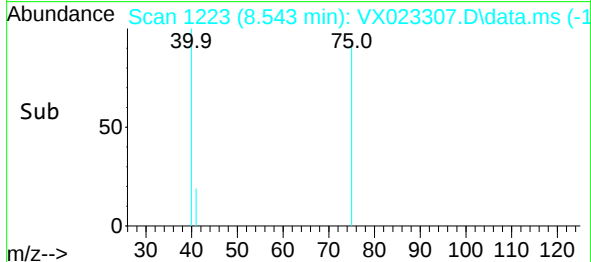
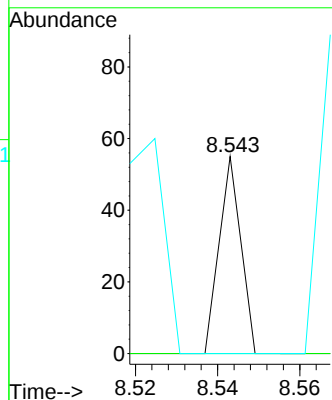
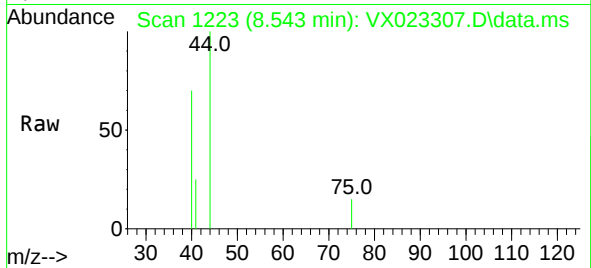




#54
cis-1,3-Dichloropropene
Concen: 2.177 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. 0.171 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

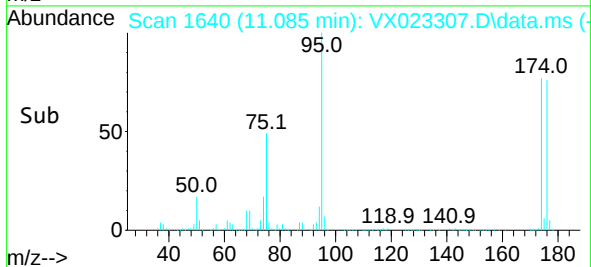
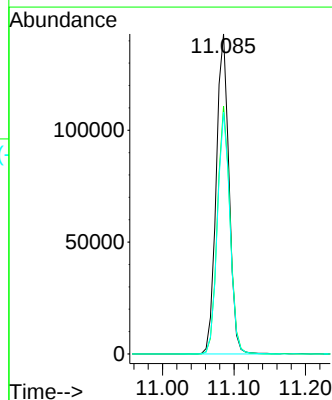
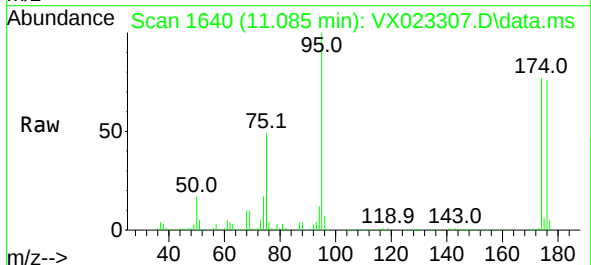
Instrument :
MSVOA_X
ClientSampled :

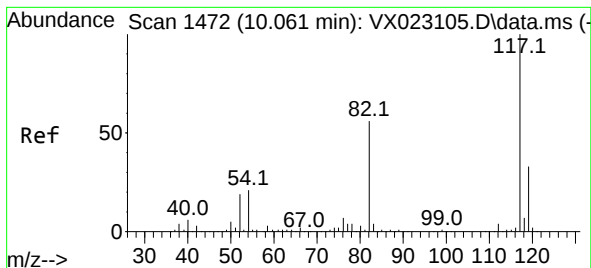
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 0.0 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 47.362 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion: 95 Resp: 177162
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 74.2 0.0 155.8

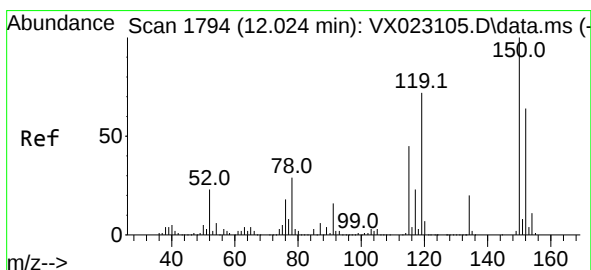
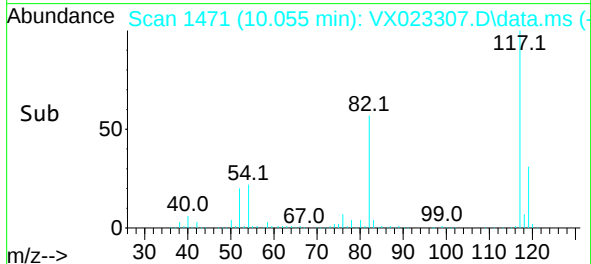
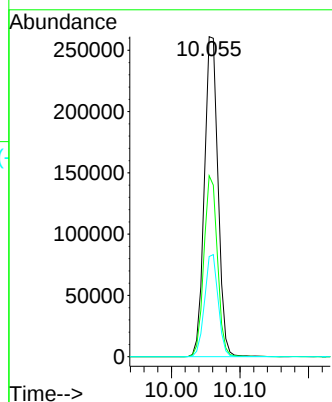
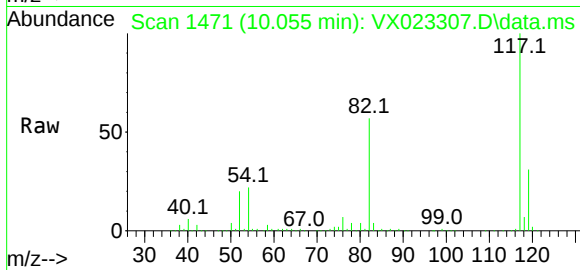




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

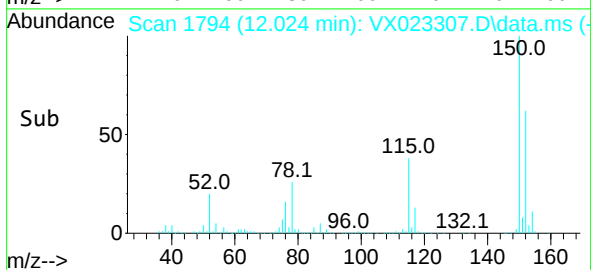
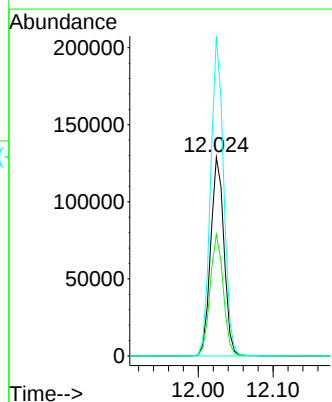
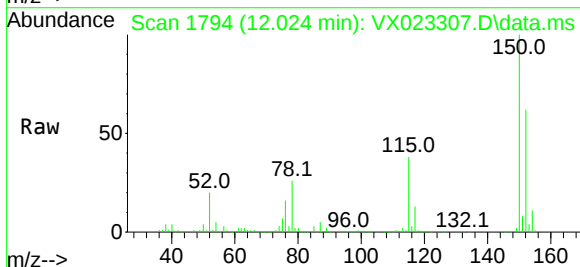
Instrument :
MSVOA_X
ClientSampled :

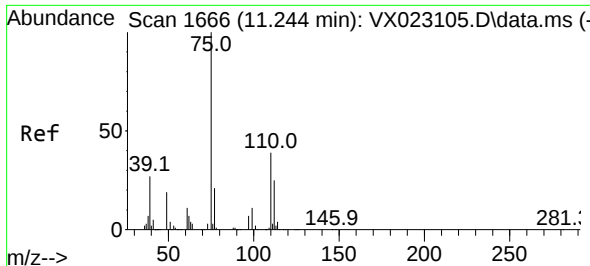
Tgt Ion:117 Resp: 363010
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion:152 Resp: 159985
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 156.4 0.0 349.0

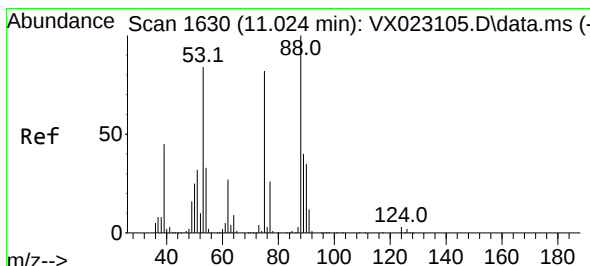
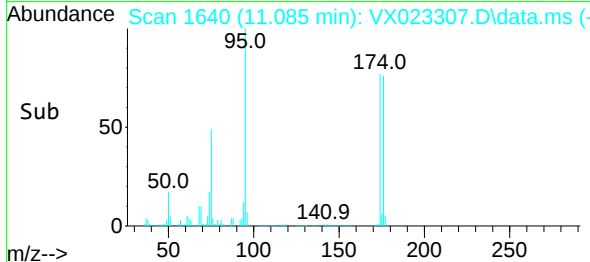
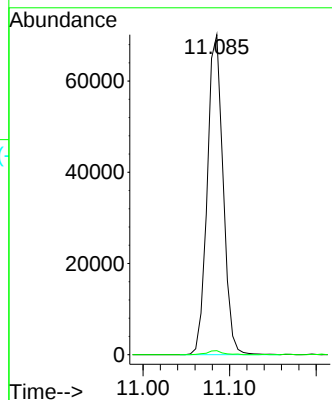
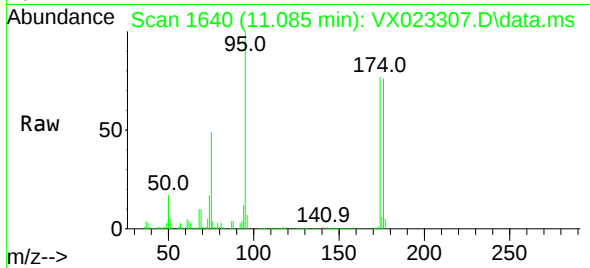




#76
1,2,3-Trichloropropane
Concen: 27.648 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

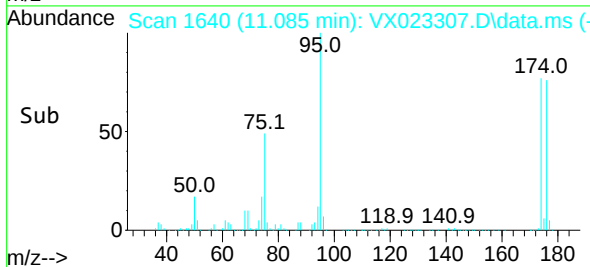
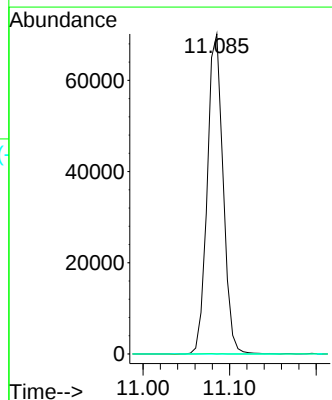
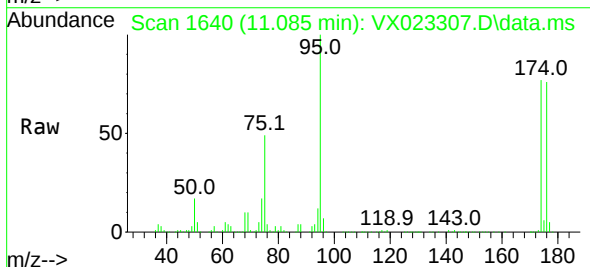
Instrument :
MSVOA_X
ClientSampled :

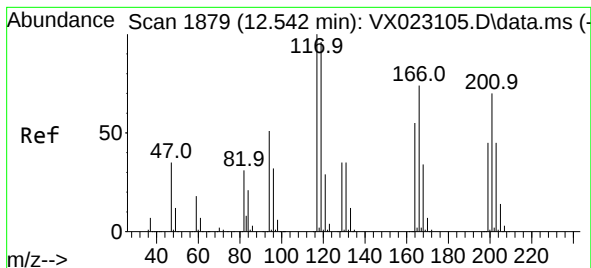
Tgt Ion: 75 Resp: 89011
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.609 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion: 75 Resp: 89011
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#90

Hexachloroethane

Concen: 3.012 ug/l

RT: 12.597 min Scan# 1888

Delta R.T. 0.055 min

Lab File: VX023307.D

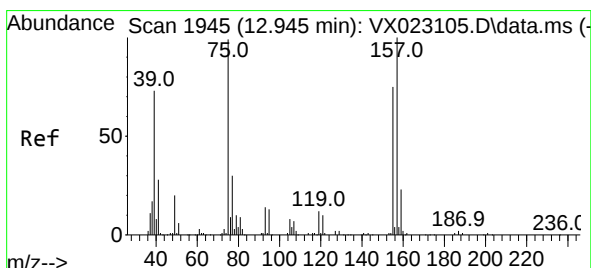
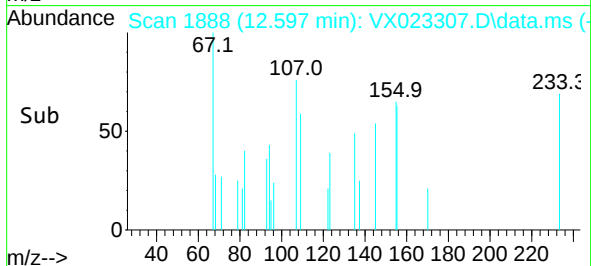
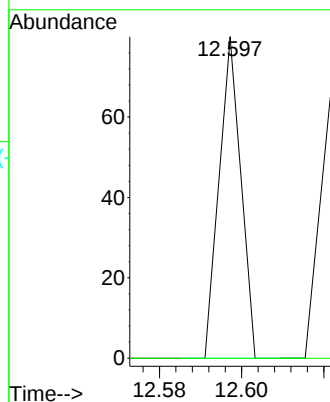
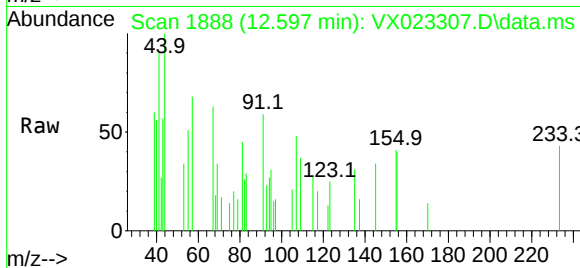
Acq: 15 Jul 2021 18:22

Tgt Ion: 117 Resp: 29

Ion Ratio Lower Upper

117 100

201 0.0 40.4 121.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.429 ug/l

RT: 12.902 min Scan# 1938

Delta R.T. -0.043 min

Lab File: VX023307.D

Acq: 15 Jul 2021 18:22

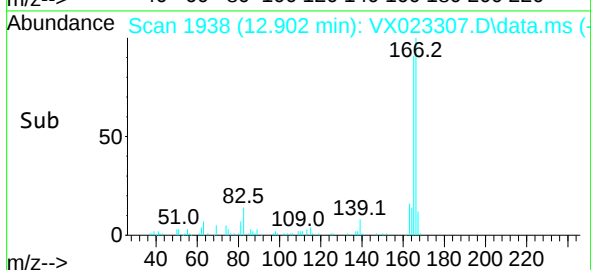
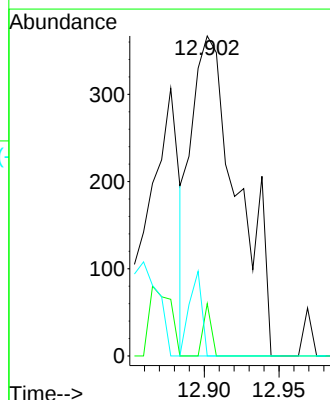
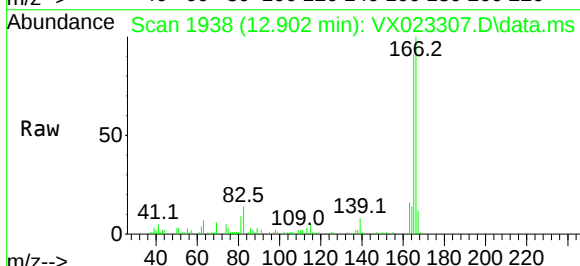
Tgt Ion: 75 Resp: 795

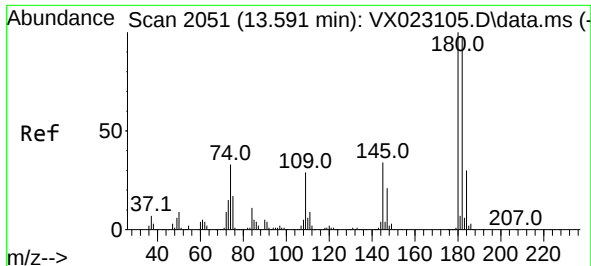
Ion Ratio Lower Upper

75 100

155 2.8 45.3 135.9#

157 7.2 57.7 173.1#

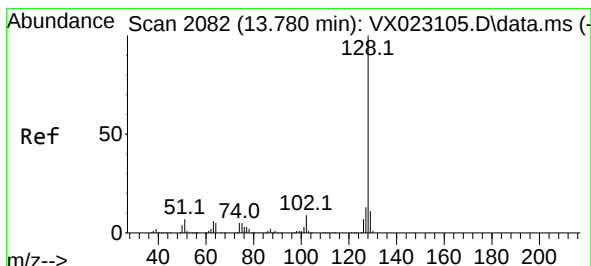
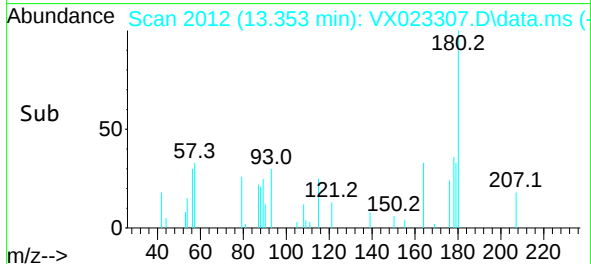
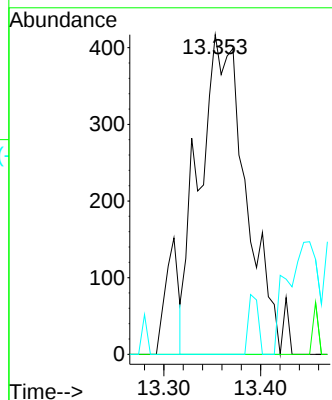
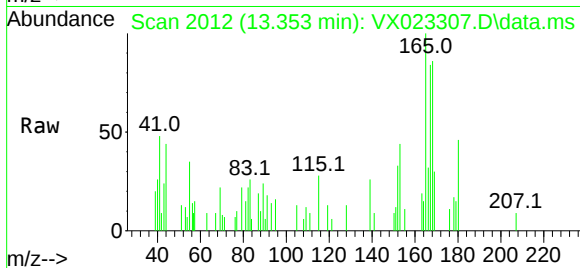




#93
1,2,4-Trichlorobenzene
Concen: 0.429 ug/l
RT: 13.353 min Scan# 2012
Delta R.T. -0.238 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:180 Resp: 1388
Ion Ratio Lower Upper
180 100
182 0.0 47.7 143.1#
145 0.0 15.0 45.0#



#95
Naphthalene
Concen: 1.346 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023307.D
Acq: 15 Jul 2021 18:22

Tgt Ion:128 Resp: 869
Ion Ratio Lower Upper
128 100
127 25.3 10.3 15.5#
129 14.2 8.8 13.2#

