

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
 Data File : VX023295.D
 Acq On : 15 Jul 2021 13:25
 Operator : JC/MD
 Sample : VX0715WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 16 03:50:17 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)

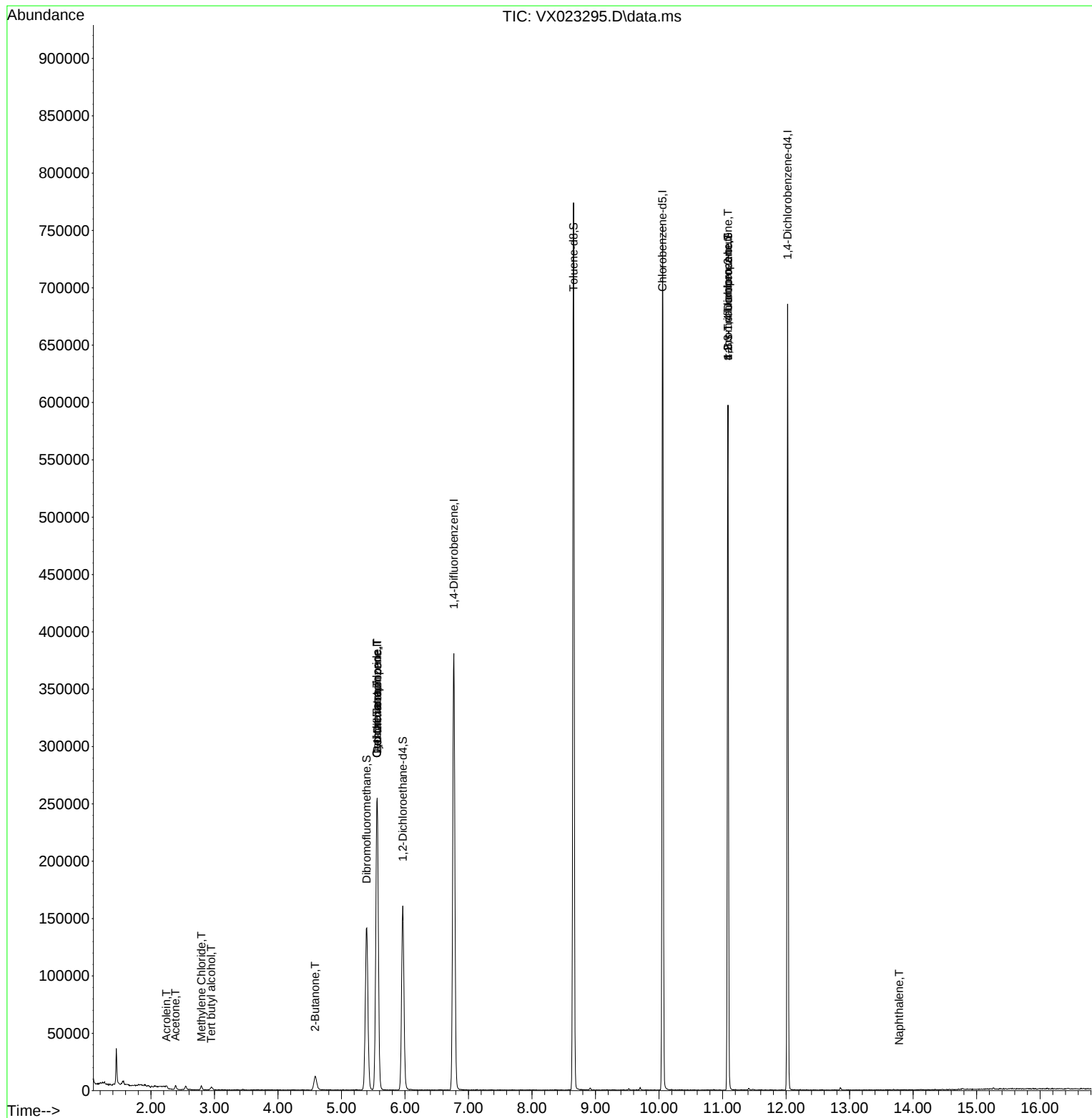
Internal Standards						
1) Pentafluorobenzene	5.562	168	239671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	387963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161612	50.172	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.340%		
35) Dibromofluoromethane	5.397	113	122399	48.856	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.720%		
50) Toluene-d8	8.653	98	453473	48.524	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.040%		
62) 4-Bromofluorobenzene	11.085	95	158031	43.802	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 87.600%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	71	Below Cal	#	2
11) Tert butyl alcohol	2.947	59	1528	2.255	ug/l #	77
13) Acrolein	2.239	56	282	0.625	ug/l #	58
16) Acetone	2.386	43	3596	2.822	ug/l	98
20) Methylene Chloride	2.794	84	1332	0.485	ug/l #	69
25) 2-Butanone	4.587	43	1418	0.738	ug/l	94
31) Cyclohexane	5.556	56	4625	1.199	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	18553	5.364	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25122	6.959	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	82964	30.034	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	82964	80.637	ug/l #	12
95) Naphthalene	13.780	128	108	1.286	ug/l #	69

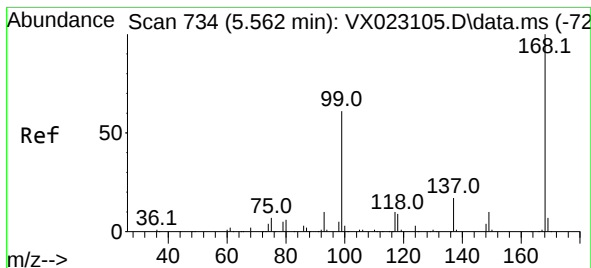
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX023295.D

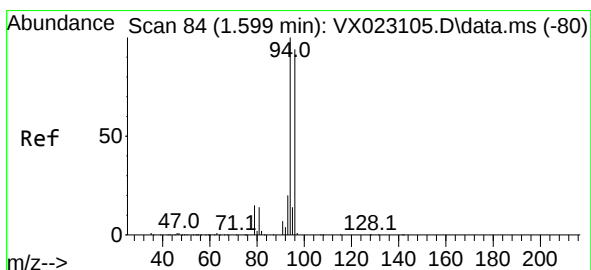
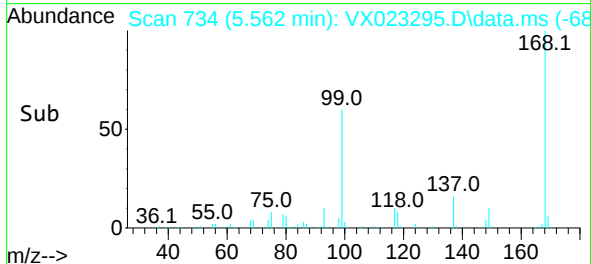
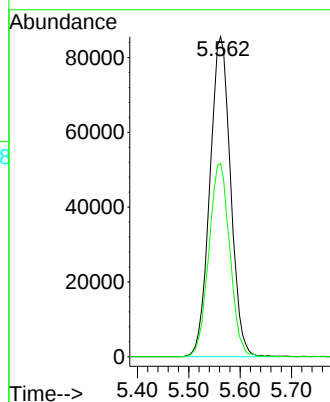
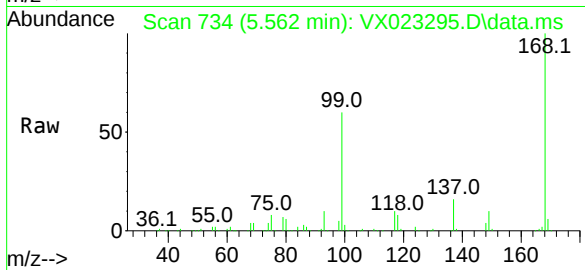
Acq: 15 Jul 2021 13:25

Tgt Ion:168 Resp: 239671

Ion Ratio Lower Upper

168 100

99 60.4 45.8 68.6



#5

Bromomethane

Concen: Below Cal

RT: 1.587 min Scan# 82

Delta R.T. -0.012 min

Lab File: VX023295.D

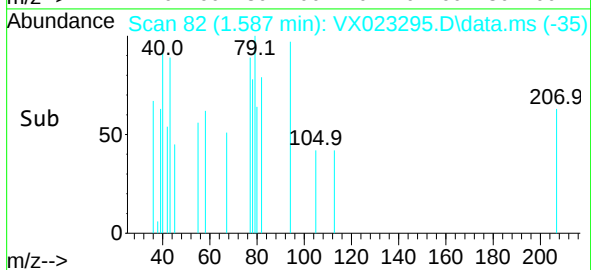
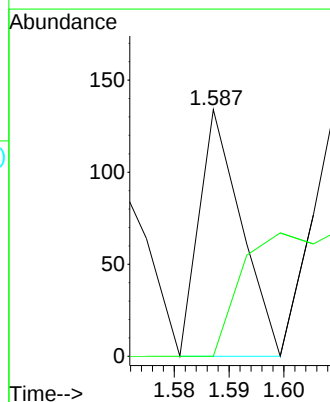
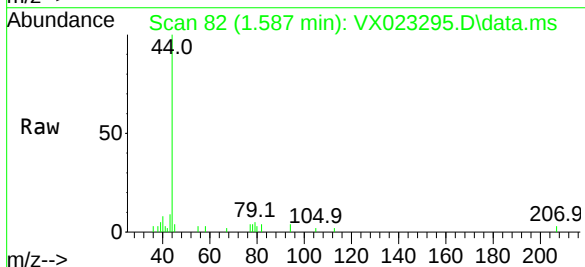
Acq: 15 Jul 2021 13:25

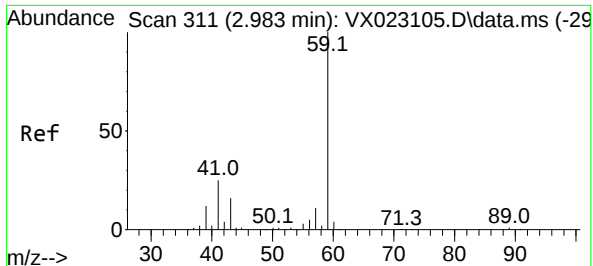
Tgt Ion: 94 Resp: 71

Ion Ratio Lower Upper

94 100

96 0.0 76.4 114.6#



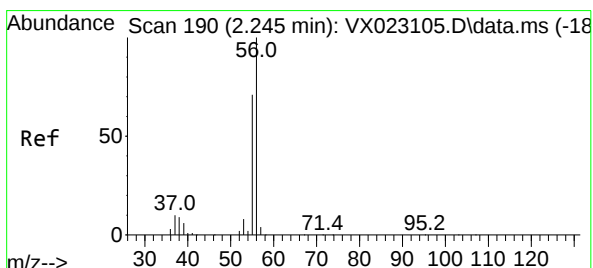
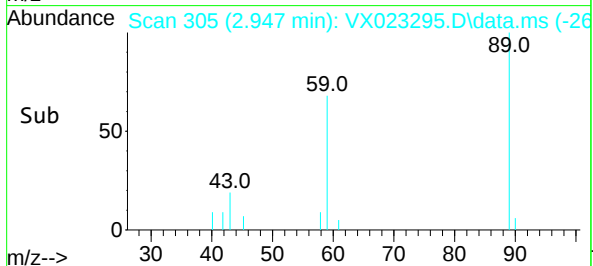
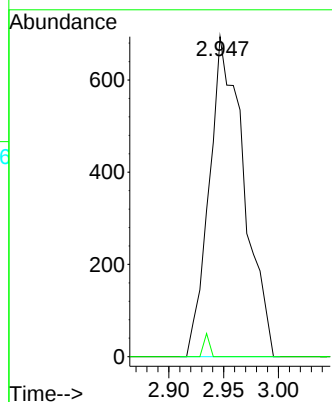
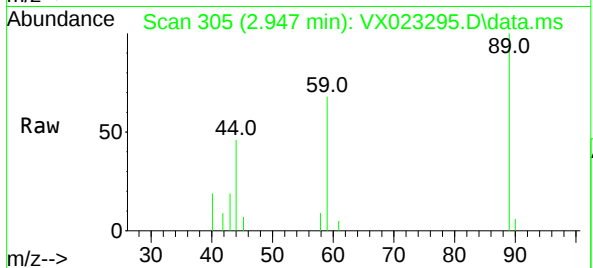


#11

Tert butyl alcohol
Concen: 2.255 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

Instrument :
MSVOA_X
ClientSampled :

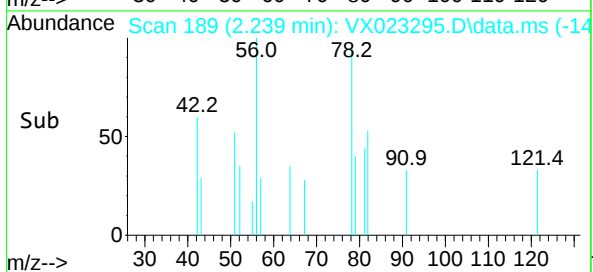
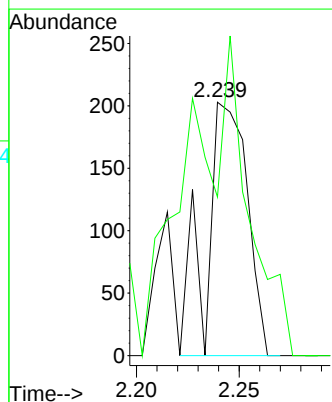
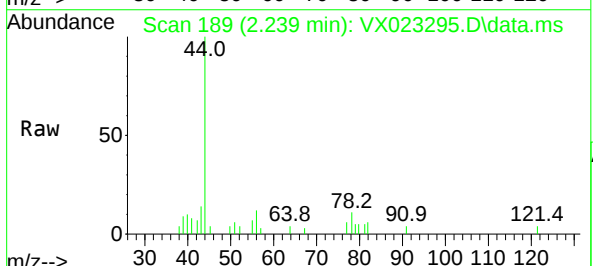
Tgt Ion: 59 Resp: 1528
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#

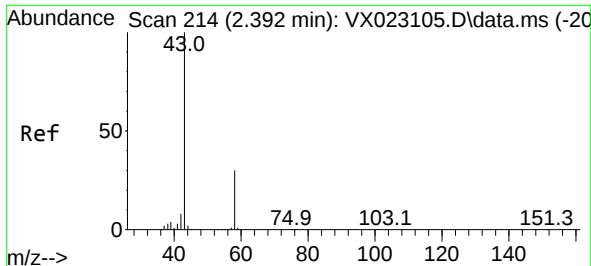


#13

Acrolein
Concen: 0.625 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

Tgt Ion: 56 Resp: 282
Ion Ratio Lower Upper
56 100
55 105.0 56.4 84.6#

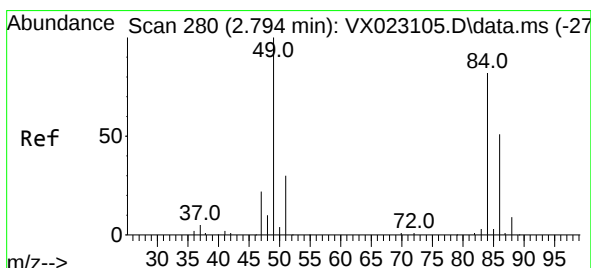
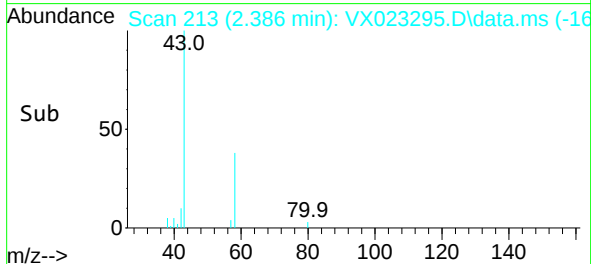
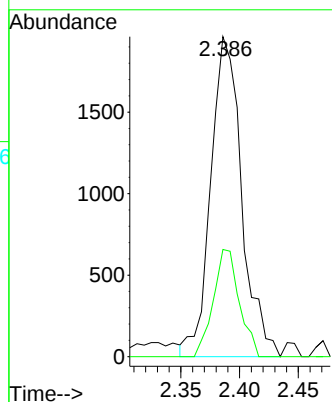
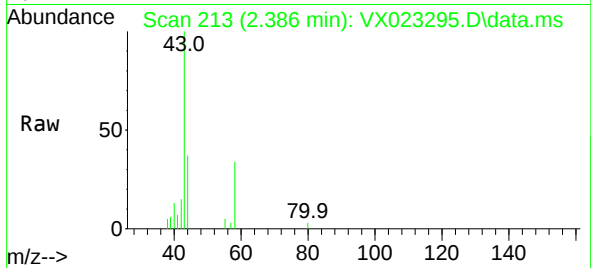




#16
Acetone
Concen: 2.822 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

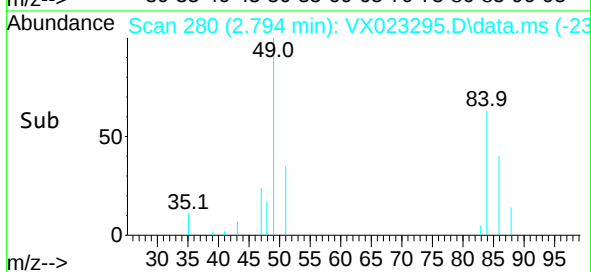
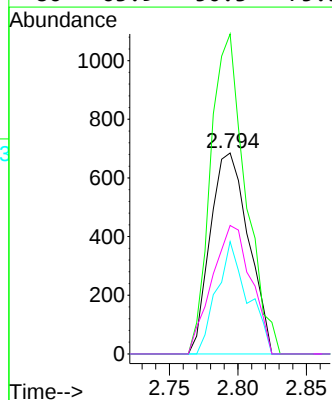
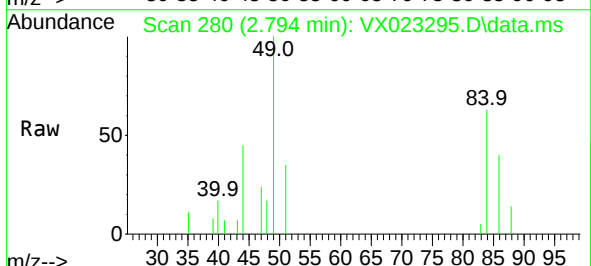
Instrument :
MSVOA_X
ClientSampleId :

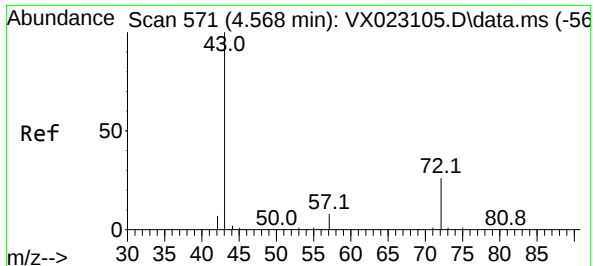
Tgt Ion: 43 Resp: 3596
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8



#20
Methylene Chloride
Concen: 0.485 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

Tgt Ion: 84 Resp: 1332
Ion Ratio Lower Upper
84 100
49 159.3 88.6 132.8#
51 55.9 27.0 40.6#
86 63.9 50.3 75.5

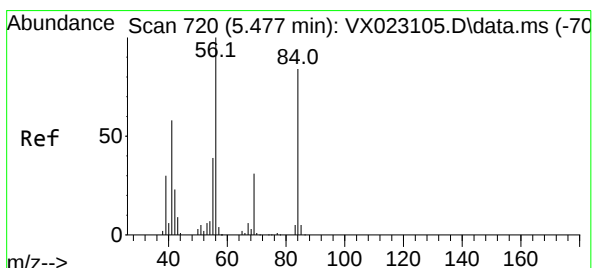
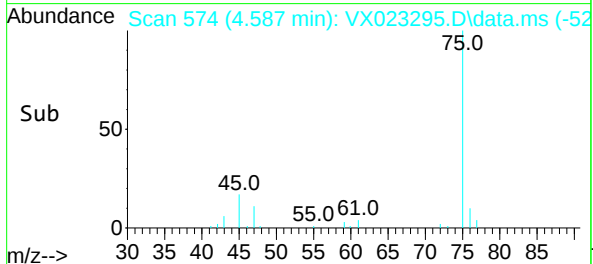
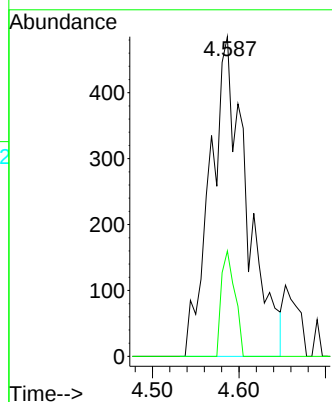
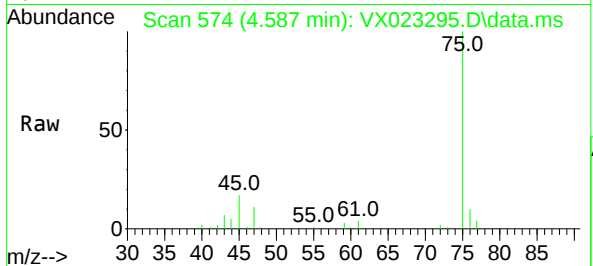




#25
2-Butanone
Concen: 0.738 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

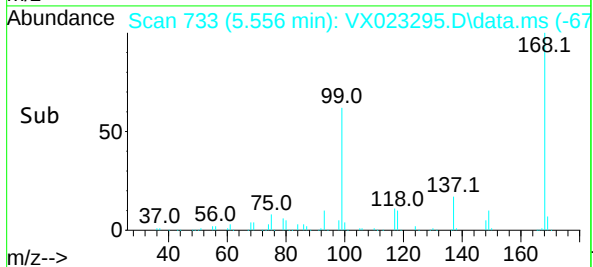
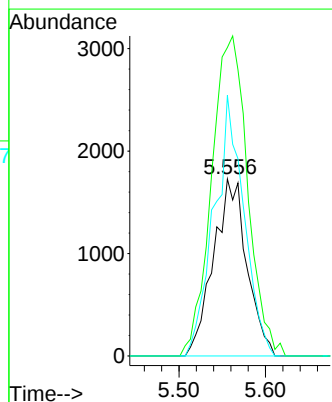
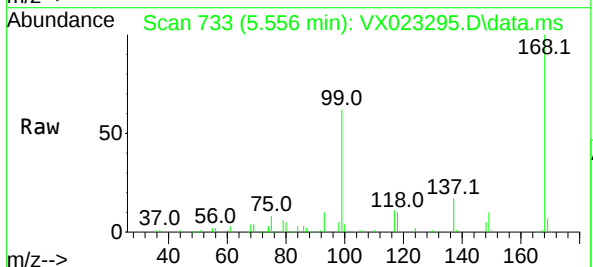
Instrument :
MSVOA_X
ClientSampled :

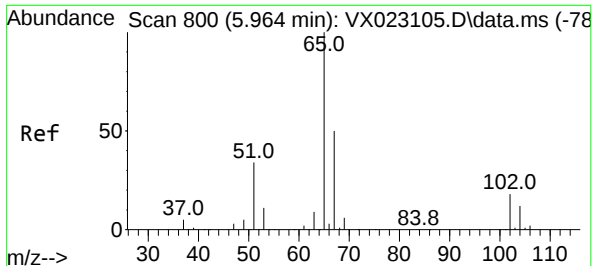
Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
72 33.0 23.7 35.5



#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

Tgt Ion: 56 Resp: 4625
Ion Ratio Lower Upper
56 100
69 174.4 25.3 37.9#
84 147.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.172 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023295.D

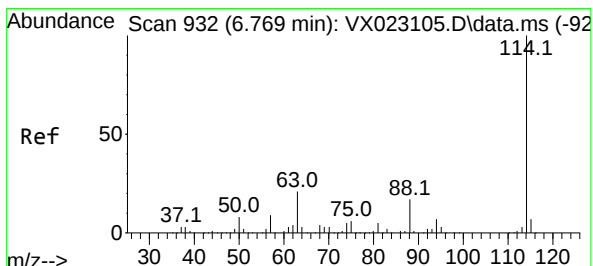
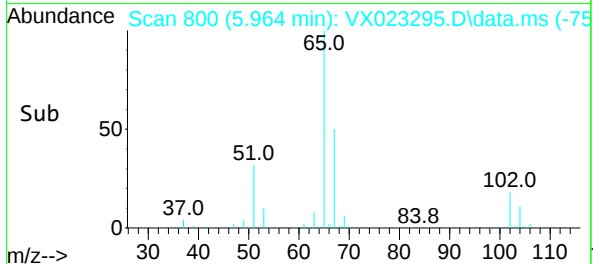
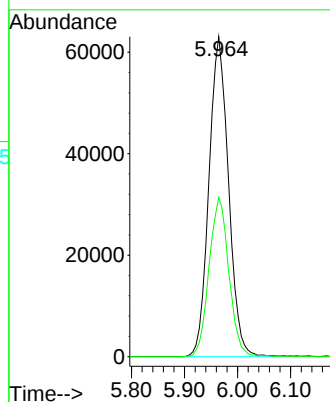
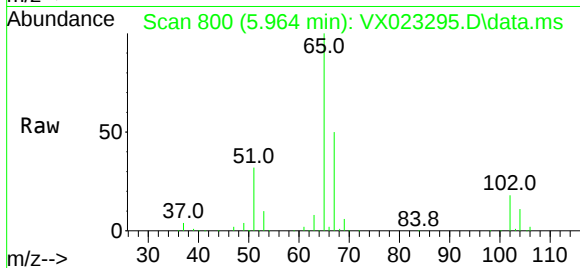
Acq: 15 Jul 2021 13:25

Tgt Ion: 65 Resp: 161612

Ion Ratio Lower Upper

65 100

67 50.4 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: VX023295.D

Acq: 15 Jul 2021 13:25

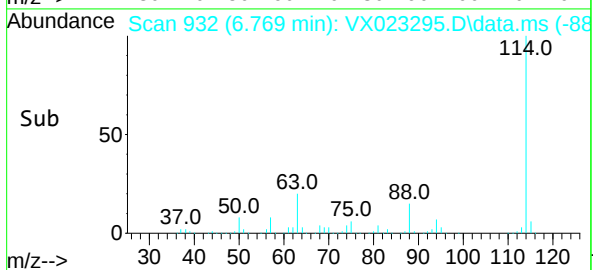
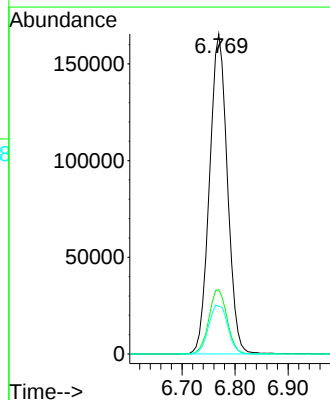
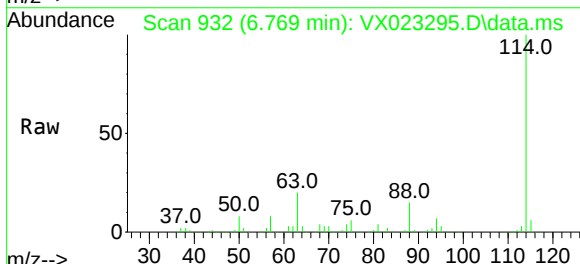
Tgt Ion: 114 Resp: 387963

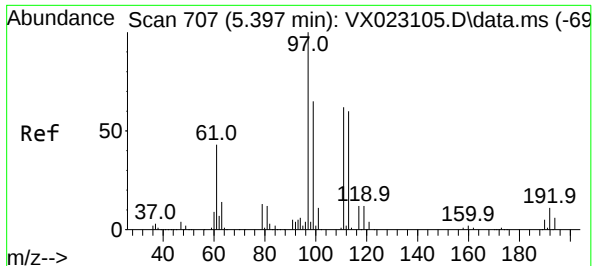
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.856 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023295.D

Acq: 15 Jul 2021 13:25

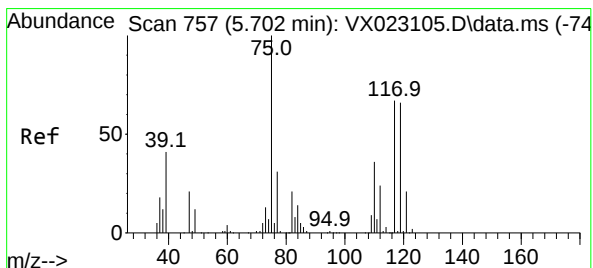
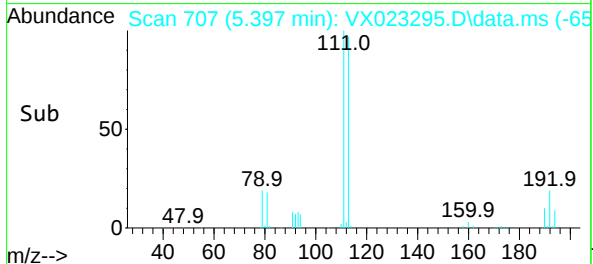
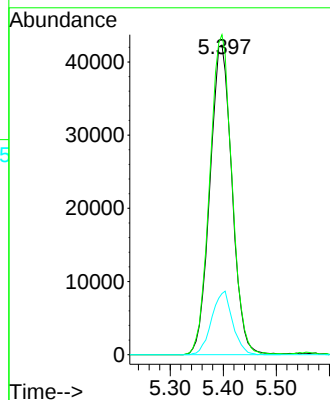
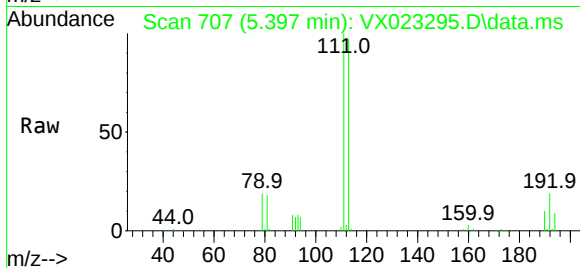
Tgt Ion:113 Resp: 122399

Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.364 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023295.D

Acq: 15 Jul 2021 13:25

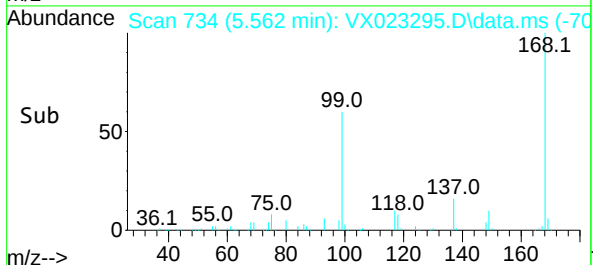
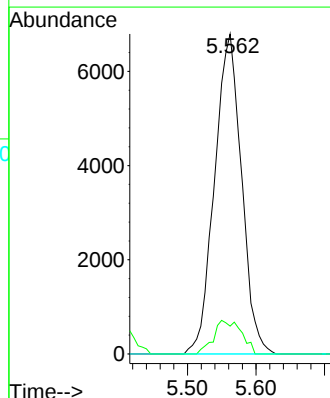
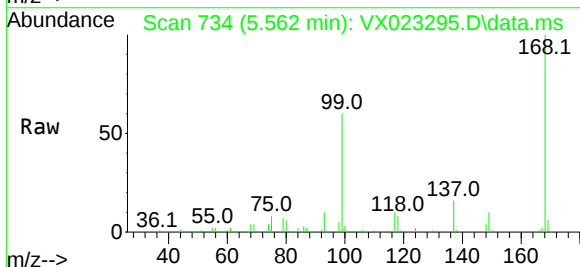
Tgt Ion: 75 Resp: 18553

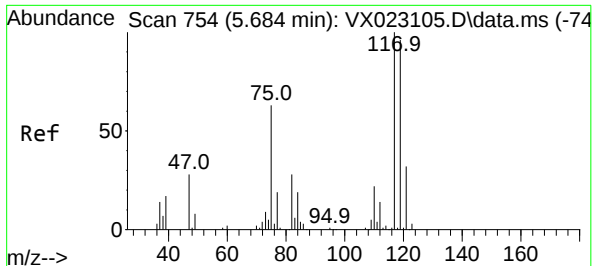
Ion Ratio Lower Upper

75 100

110 10.8 18.1 54.4#

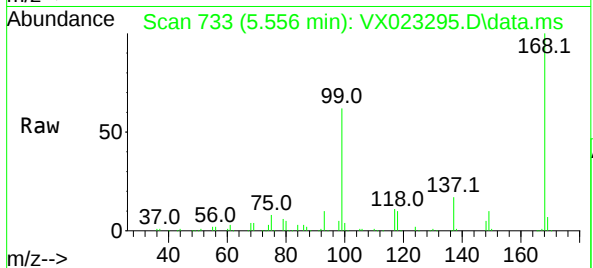
77 0.0 25.3 37.9#



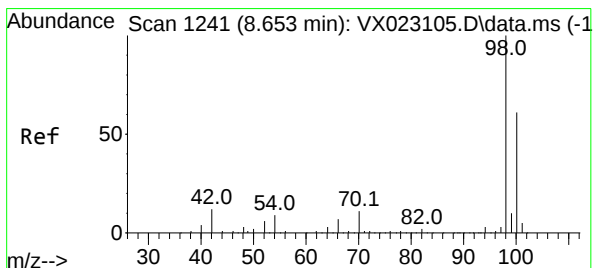
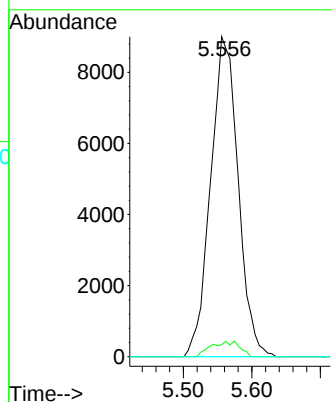
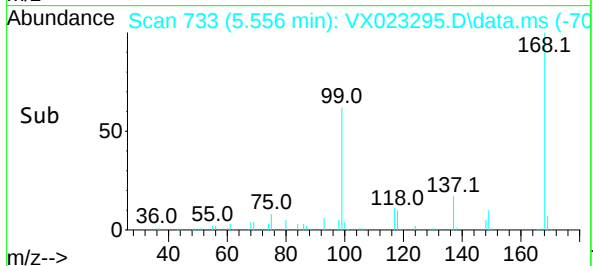


#38
Carbon Tetrachloride
Concen: 6.959 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

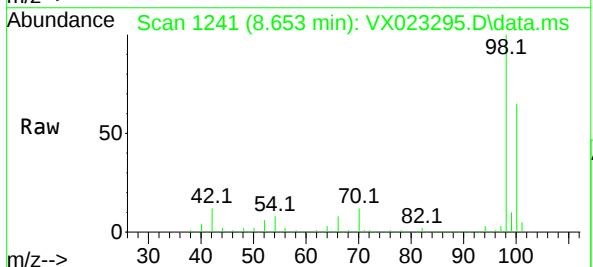
Instrument :
MSVOA_X
ClientSampled :



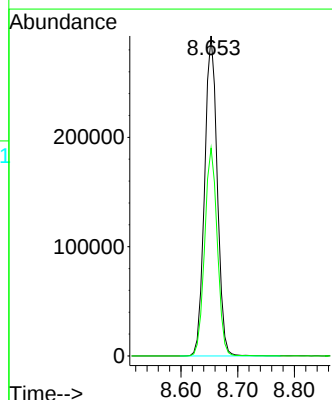
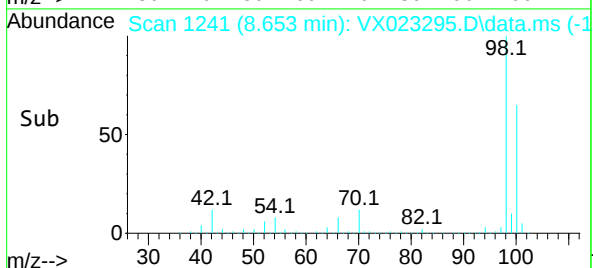
Tgt Ion:117 Resp: 25122
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#

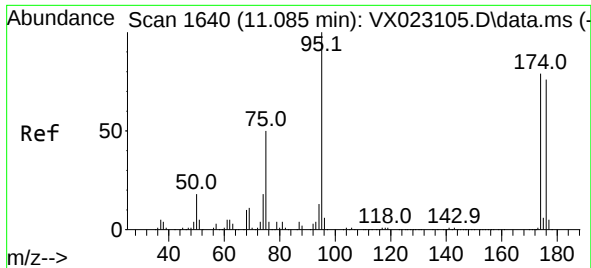


#50
Toluene-d8
Concen: 48.524 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25



Tgt Ion: 98 Resp: 453473
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

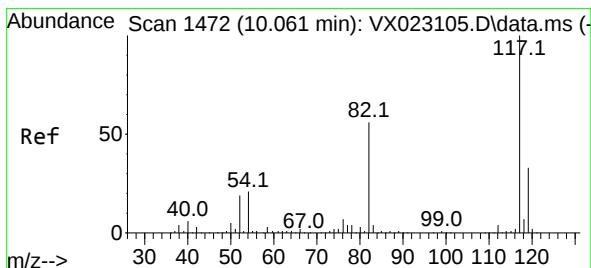
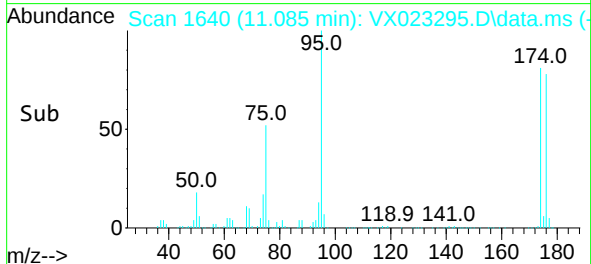
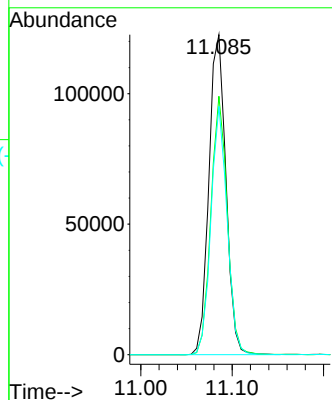
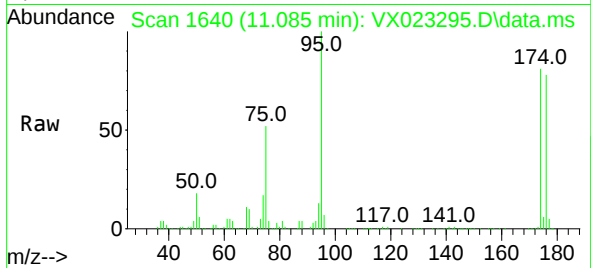




#62
4-Bromofluorobenzene
Concen: 43.802 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

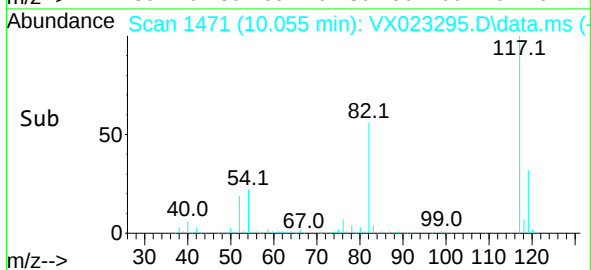
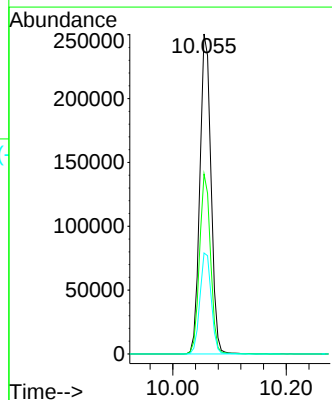
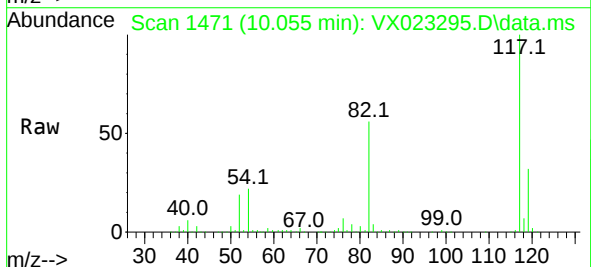
Instrument :
MSVOA_X
ClientSampleId :

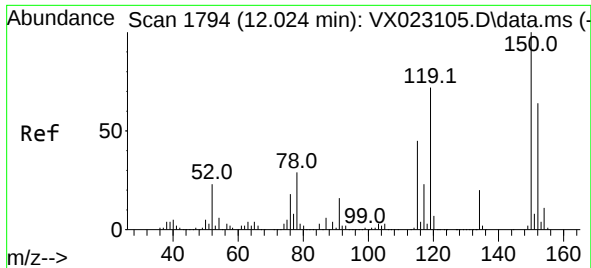
Tgt Ion: 95 Resp: 158031
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 73.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

Tgt Ion: 117 Resp: 340481
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.6 26.6 39.8

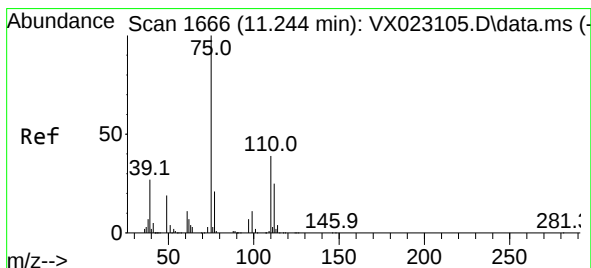
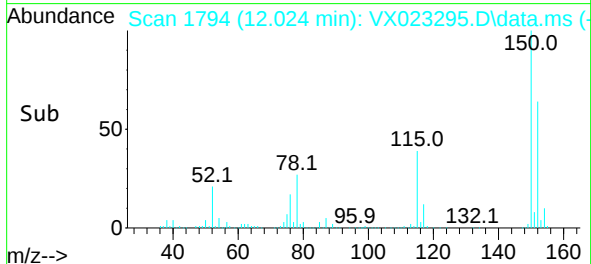
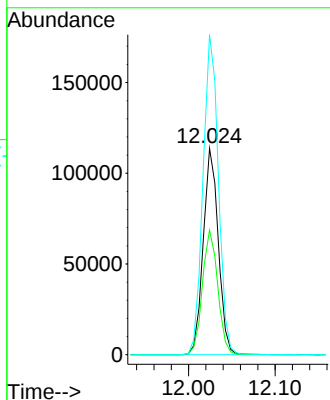
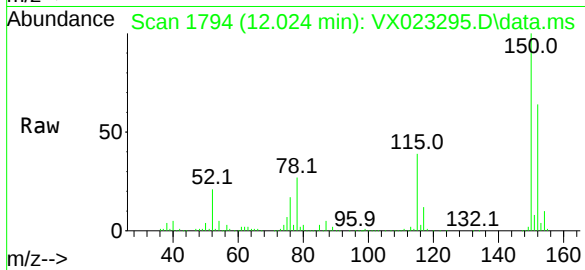




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023295.D
 Acq: 15 Jul 2021 13:25

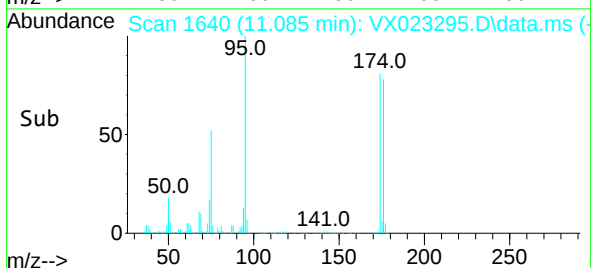
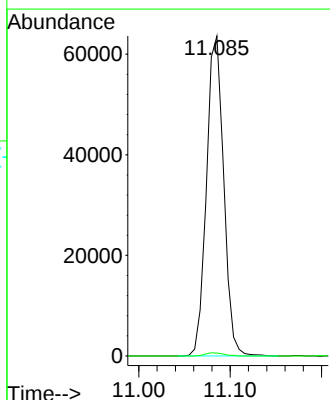
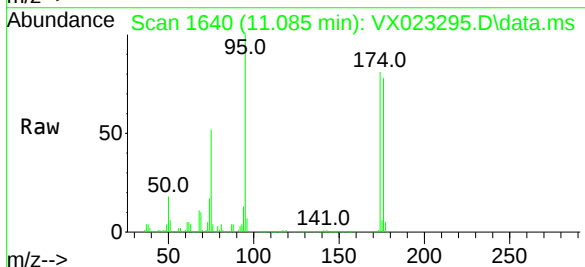
Instrument :
 MSVOA_X
 ClientSampled :

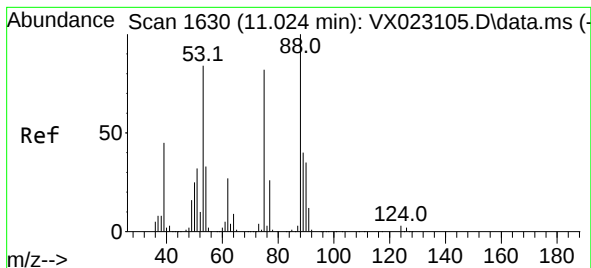
Tgt Ion:152 Resp: 137268
 Ion Ratio Lower Upper
 152 100
 115 61.5 41.1 123.3
 150 158.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.034 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023295.D
 Acq: 15 Jul 2021 13:25

Tgt Ion: 75 Resp: 82964
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

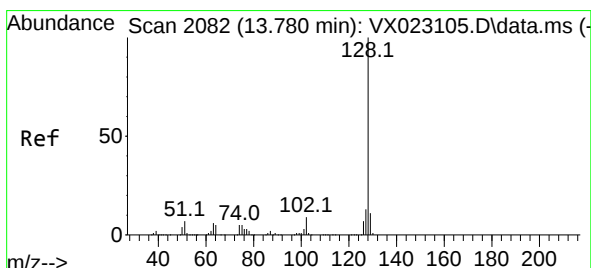
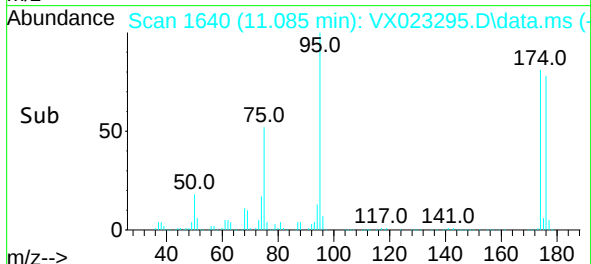
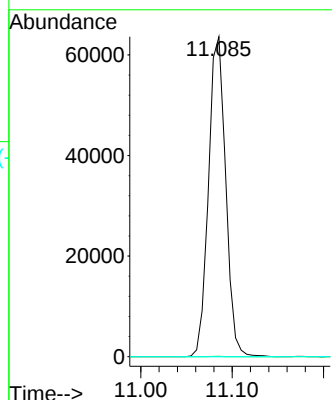
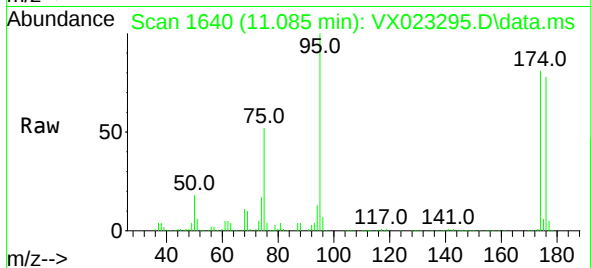




#81
trans-1,4-Dichloro-2-butene
Concen: 80.637 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 82964
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.286 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023295.D
Acq: 15 Jul 2021 13:25

Tgt Ion:128 Resp: 108
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

