

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023172.D
 Acq On : 07 Jul 2021 15:04
 Operator : JC/MD
 Sample : M2939-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:20:04 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	210481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	347281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	145680	51.498	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	103.000%	
35) Dibromofluoromethane	5.397	113	110794	49.404	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.800%	
50) Toluene-d8	8.653	98	406013	48.535	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.060%	
62) 4-Bromofluorobenzene	11.085	95	136291	42.202	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	84.400%	

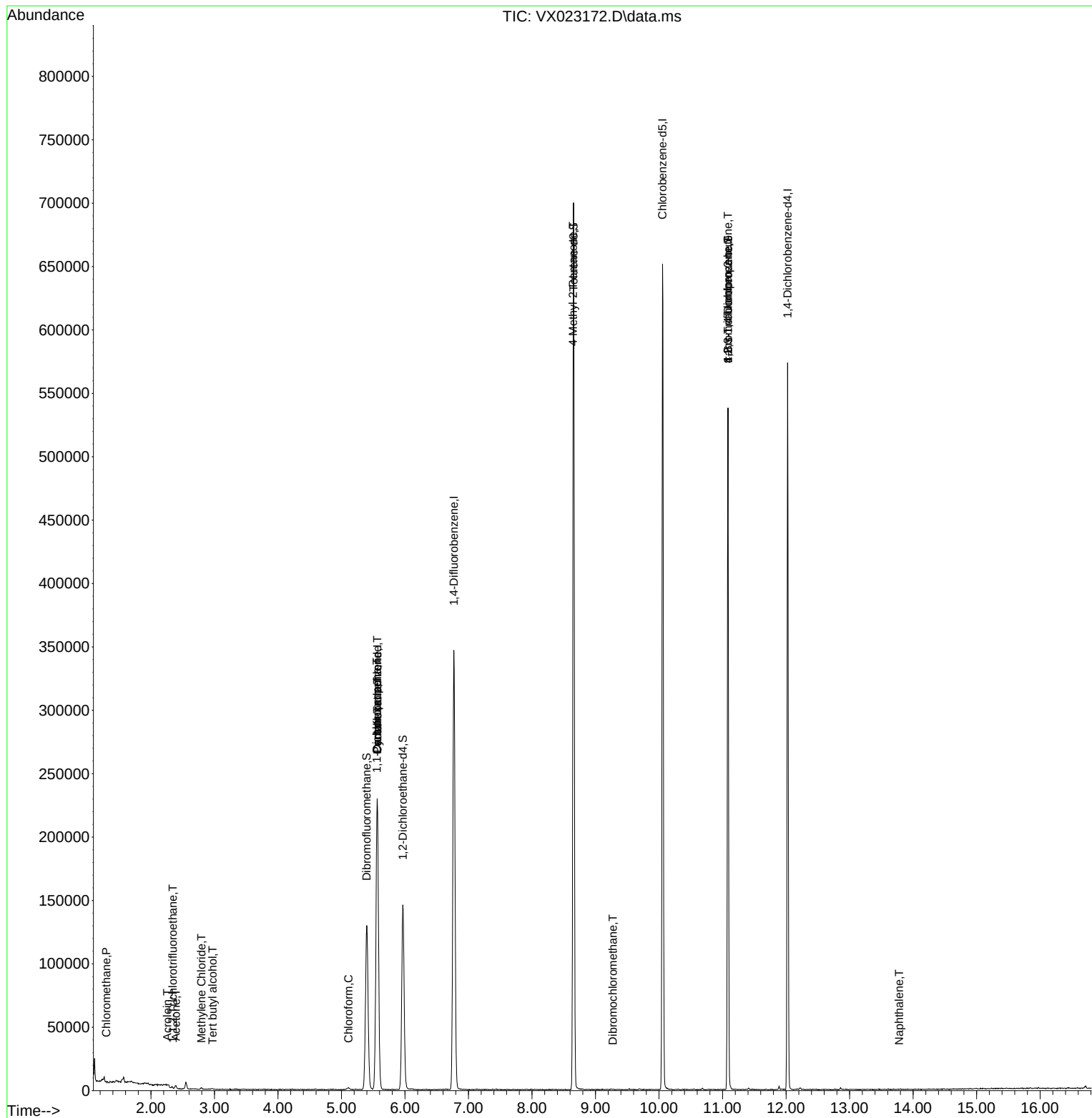
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	429	0.227	ug/l #	82
5) Bromomethane	1.593	94	298	Below Cal	#	58
9) 1,1,2-Trichlorotrifluo...	2.343	101	433	0.213	ug/l	88
11) Tert butyl alcohol	2.971	59	541	0.909	ug/l #	84
13) Acrolein	2.258	56	264	0.666	ug/l #	54
16) Acetone	2.392	43	2477	2.213	ug/l	89
20) Methylene Chloride	2.794	84	522	0.217	ug/l #	81
30) Chloroform	5.111	83	1844	0.440	ug/l	87
31) Cyclohexane	5.562	56	4540	1.340	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17038	5.503	ug/l #	49
38) Carbon Tetrachloride	5.562	117	22866	7.076	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2105	0.605	ug/l #	1
60) Dibromochloromethane	9.275	129	20	3.119	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	72094	32.150	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	72094	85.982	ug/l #	12
95) Naphthalene	13.780	128	149	1.293	ug/l #	69

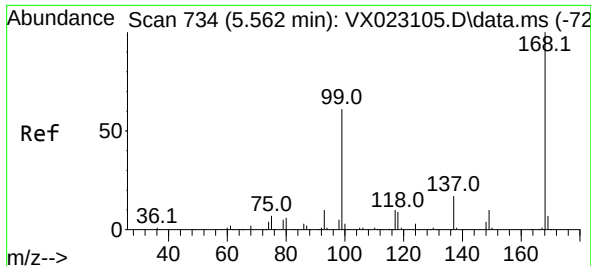
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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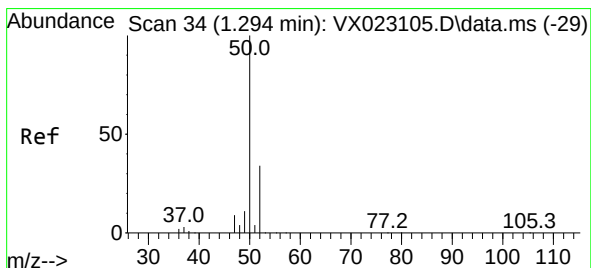
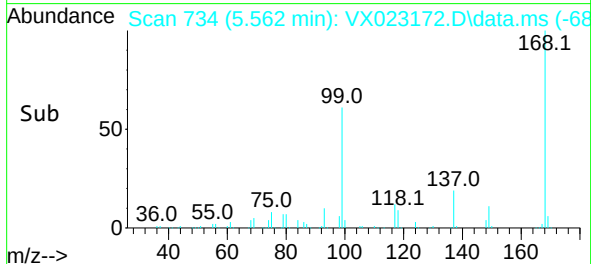
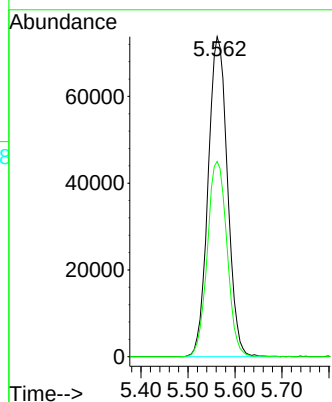
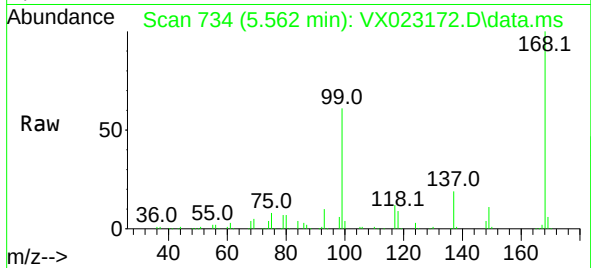




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

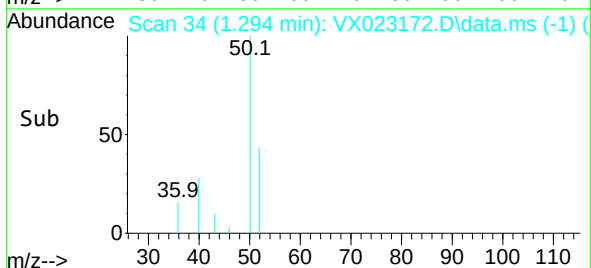
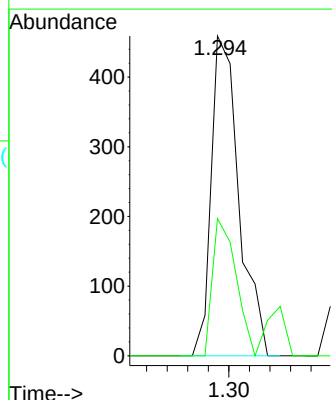
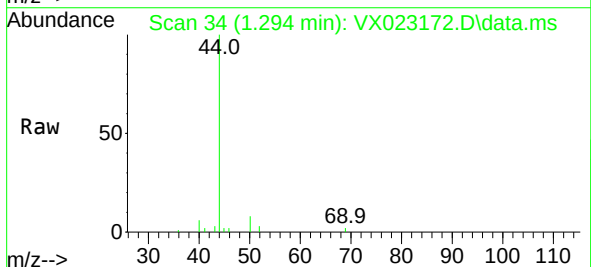
Instrument :
MSVOA_X
ClientSampled :

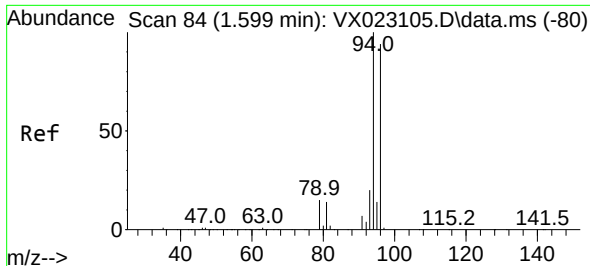
Tgt Ion:168 Resp: 210481
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

Tgt Ion: 50 Resp: 429
Ion Ratio Lower Upper
50 100
52 42.9 26.4 39.6#

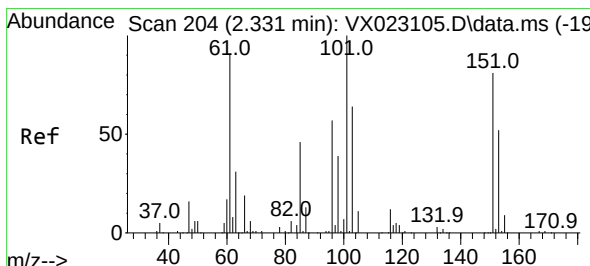
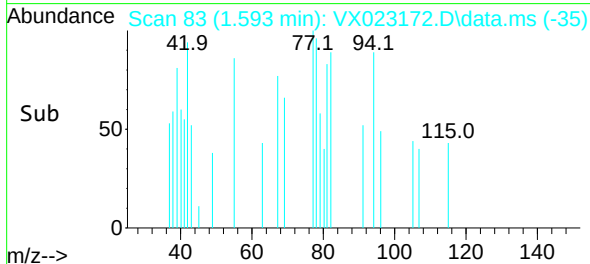
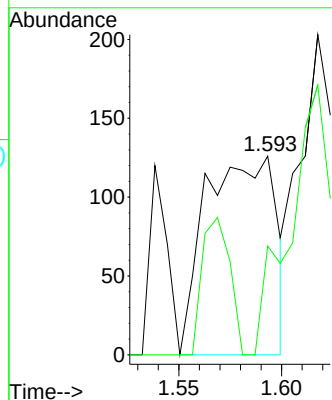
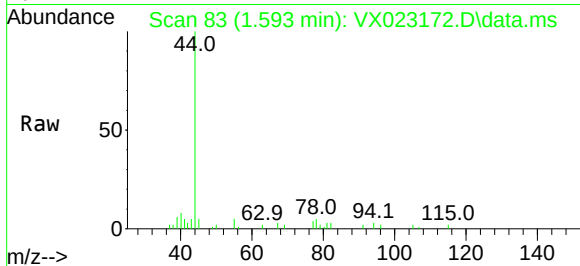




#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

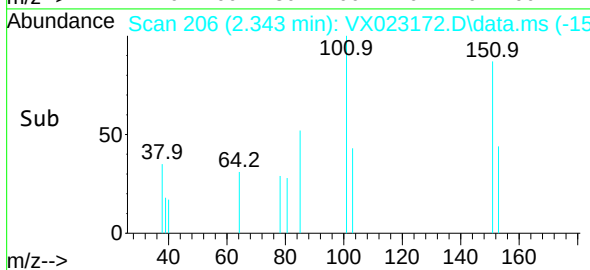
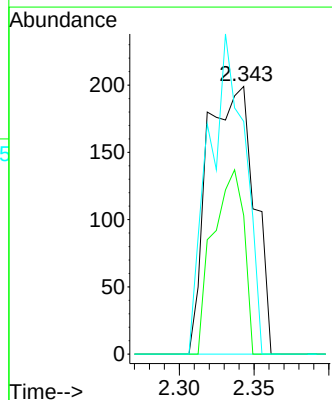
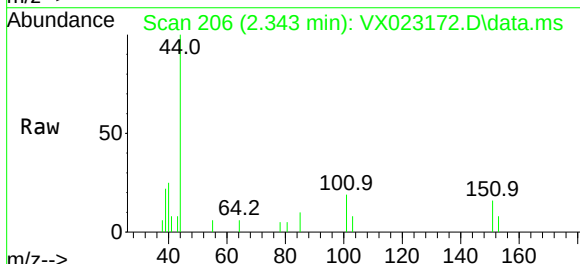
Instrument :
MSVOA_X
ClientSampleId :

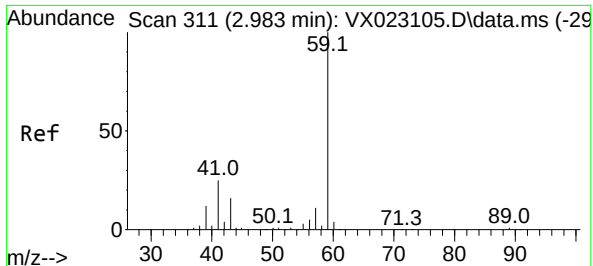
Tgt Ion: 94 Resp: 298
Ion Ratio Lower Upper
94 100
96 54.8 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.213 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.012 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

Tgt Ion: 101 Resp: 433
Ion Ratio Lower Upper
101 100
85 45.5 34.9 52.3
151 92.1 61.4 92.2



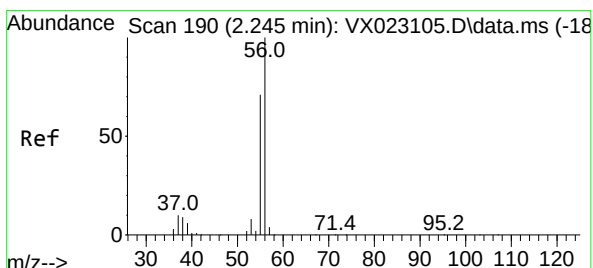
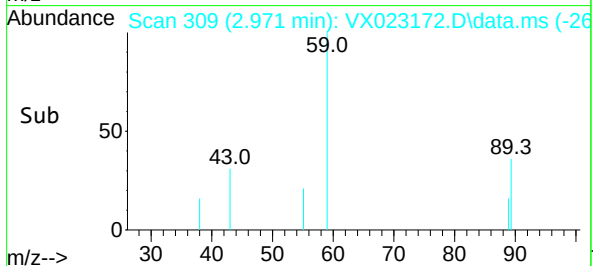
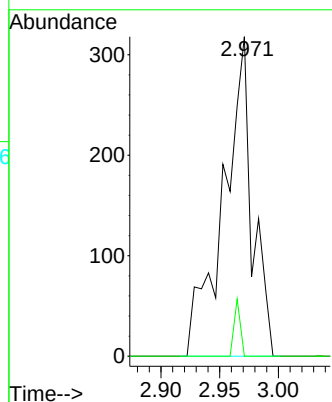
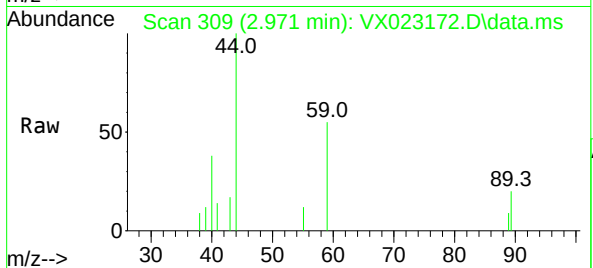


#11

Tert butyl alcohol
Concen: 0.909 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

Instrument :
MSVOA_X
ClientSampled :

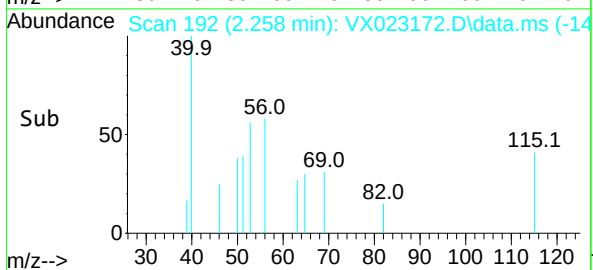
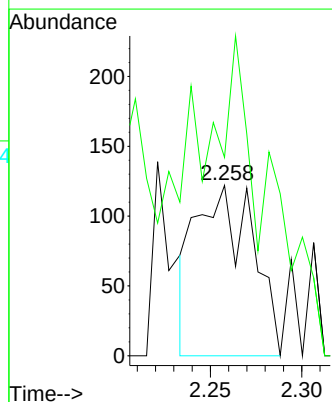
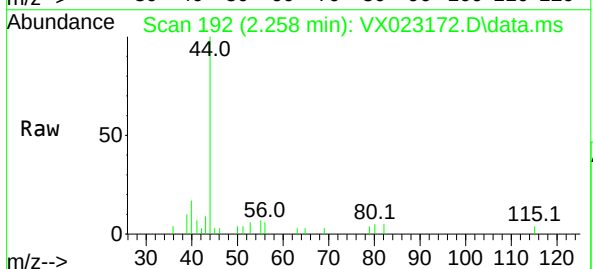
Tgt Ion: 59 Resp: 541
Ion Ratio Lower Upper
59 100
57 3.9 7.8 11.8#

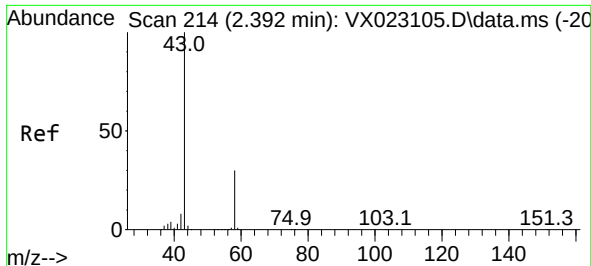


#13

Acrolein
Concen: 0.666 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.013 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

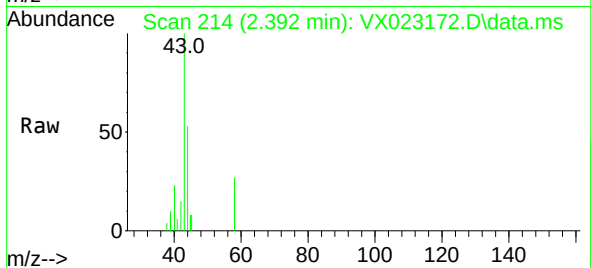
Tgt Ion: 56 Resp: 264
Ion Ratio Lower Upper
56 100
55 33.0 56.4 84.6#



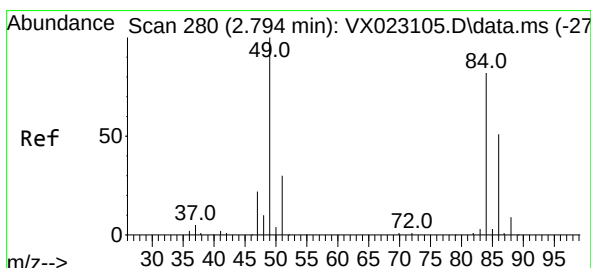
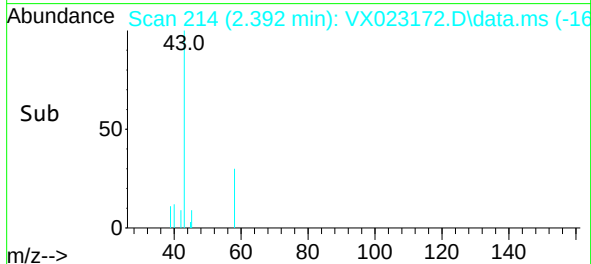
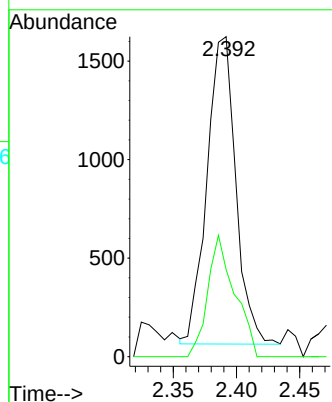


#16
Acetone
Concen: 2.213 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

Instrument :
MSVOA_X
ClientSampled :

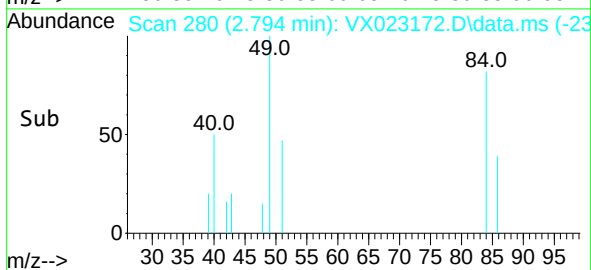
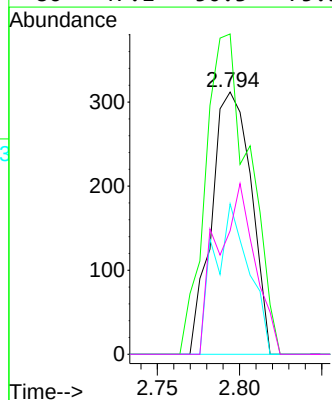
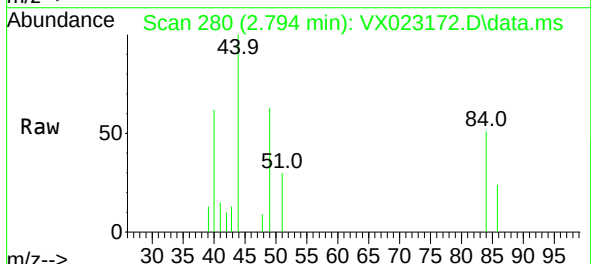


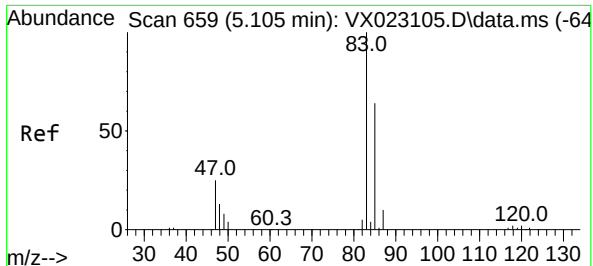
Tgt Ion: 43 Resp: 2477
Ion Ratio Lower Upper
43 100
58 28.4 27.8 41.8



#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

Tgt Ion: 84 Resp: 522
Ion Ratio Lower Upper
84 100
49 122.1 88.6 132.8
51 57.4 27.0 40.6#
86 47.1 50.3 75.5#





#30

Chloroform

Concen: 0.440 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX023172.D

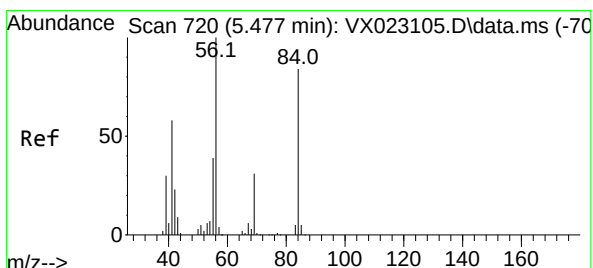
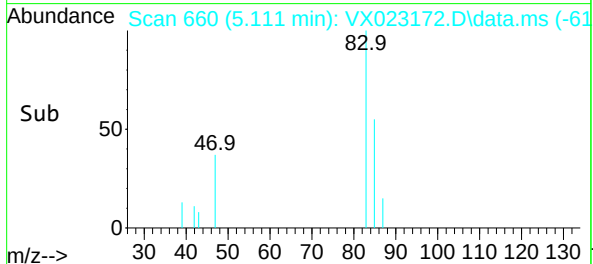
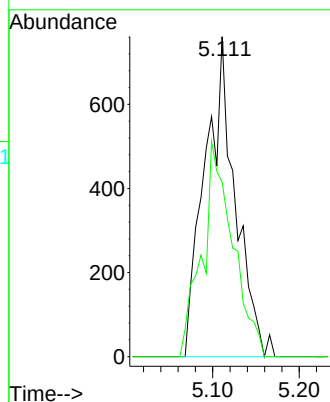
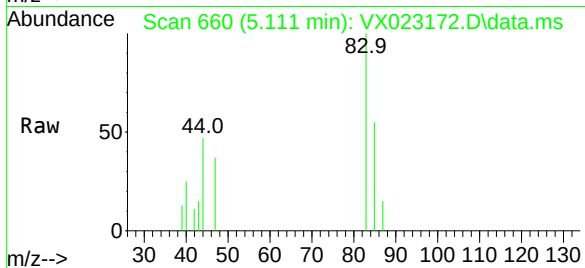
Acq: 07 Jul 2021 15:04

Tgt Ion: 83 Resp: 1844

Ion Ratio Lower Upper

83 100

85 54.5 52.0 78.0



#31

Cyclohexane

Concen: 1.340 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023172.D

Acq: 07 Jul 2021 15:04

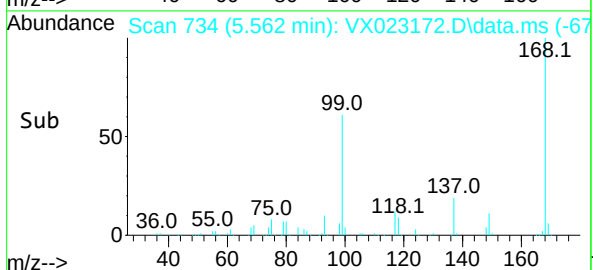
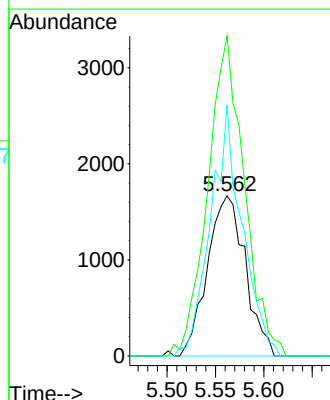
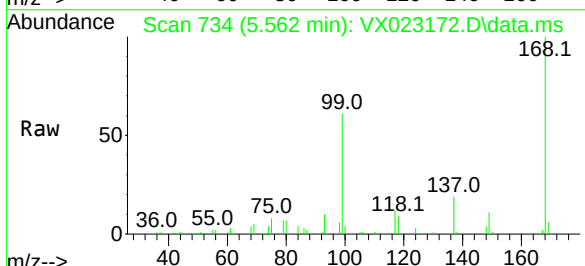
Tgt Ion: 56 Resp: 4540

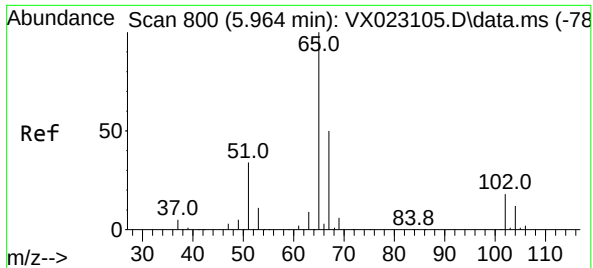
Ion Ratio Lower Upper

56 100

69 195.9 25.3 37.9#

84 156.6 71.4 107.0#



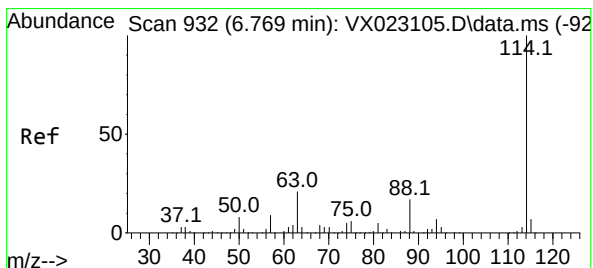
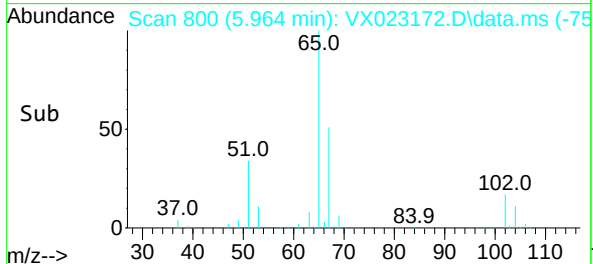
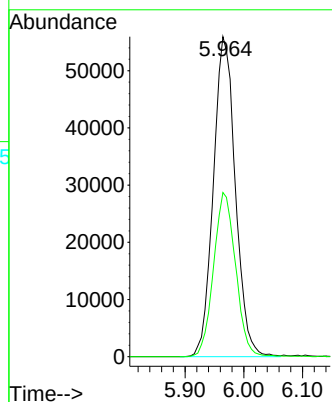
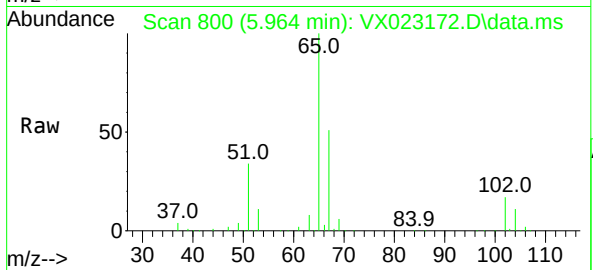


#33

1,2-Dichloroethane-d4
Concen: 51.498 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :

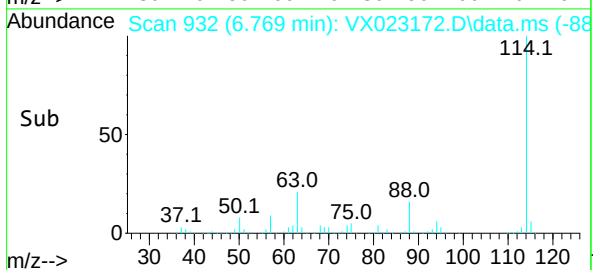
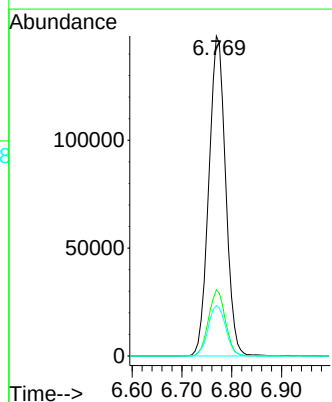
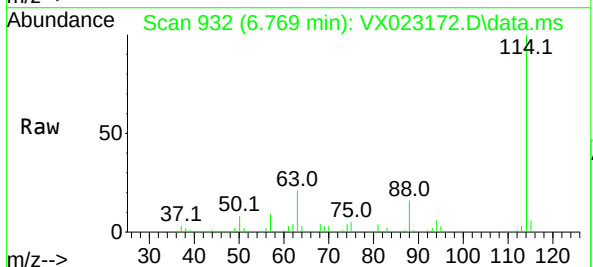
Tgt Ion: 65 Resp: 145680
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

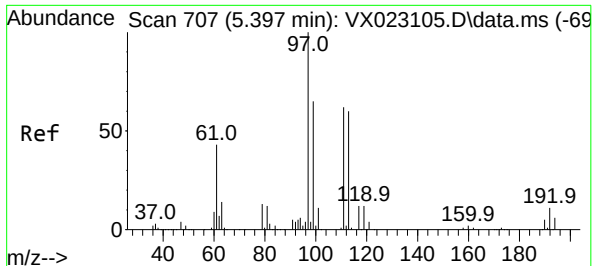


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

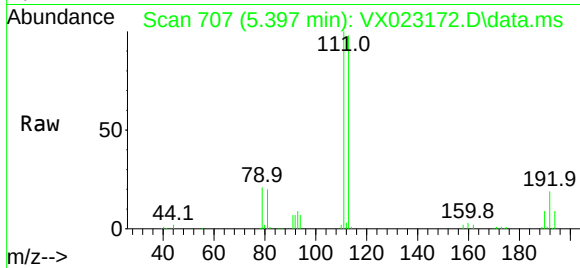
Tgt Ion: 114 Resp: 347281
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.7 0.0 32.8



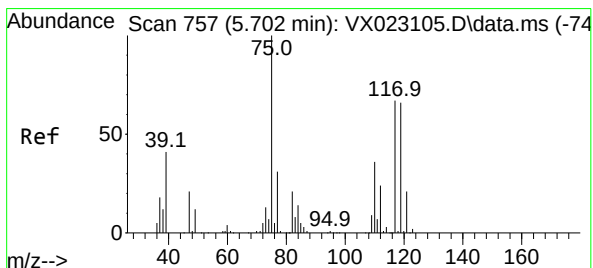
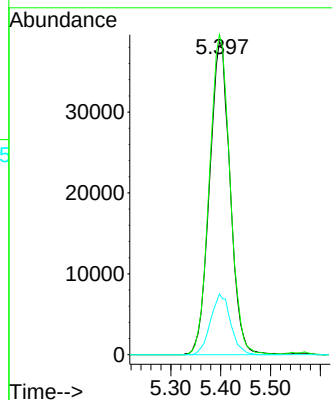
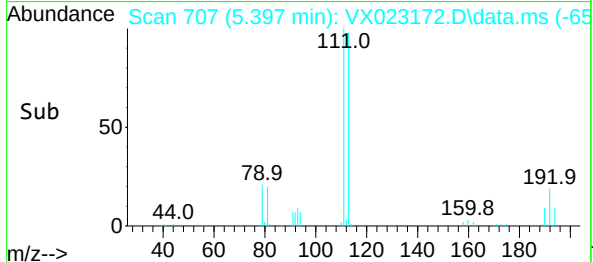


#35
Dibromofluoromethane
Concen: 49.404 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

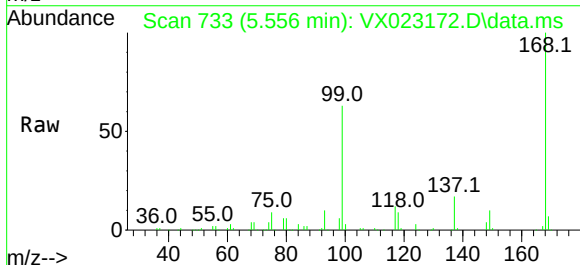
Instrument :
MSVOA_X
ClientSampleId :



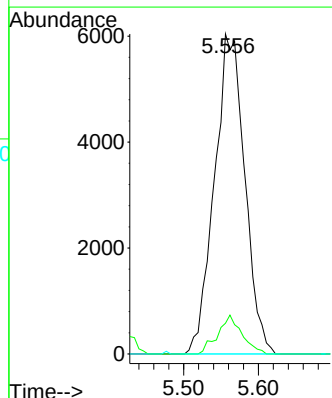
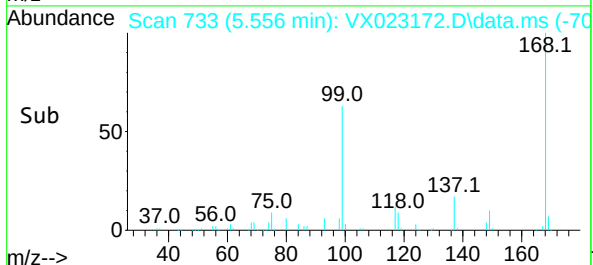
Tgt Ion:113 Resp: 110794
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.8 16.7 25.1

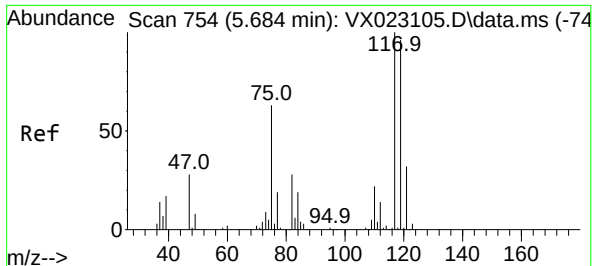


#36
1,1-Dichloropropene
Concen: 5.503 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04



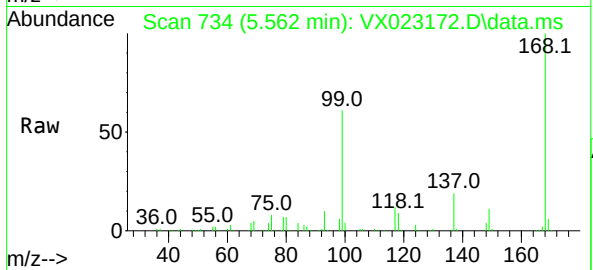
Tgt Ion: 75 Resp: 17038
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



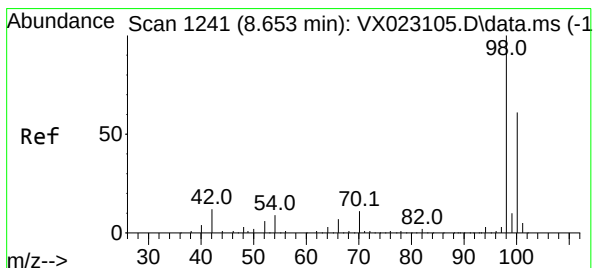
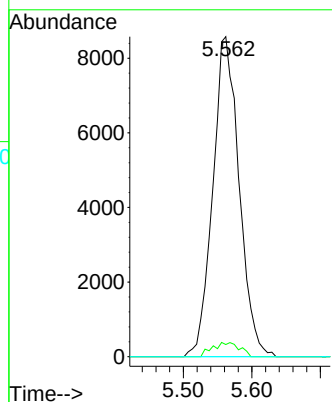
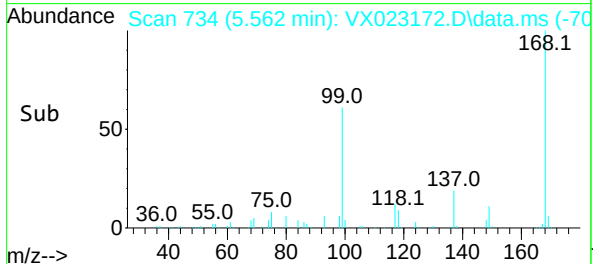


#38
Carbon Tetrachloride
Concen: 7.076 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

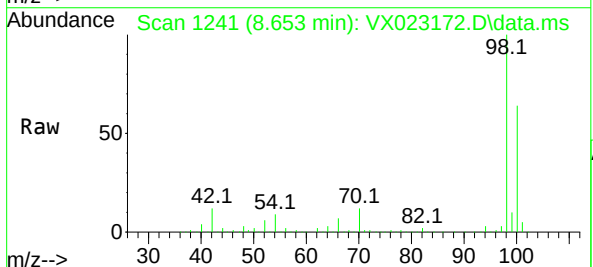
Instrument :
MSVOA_X
ClientSampled :



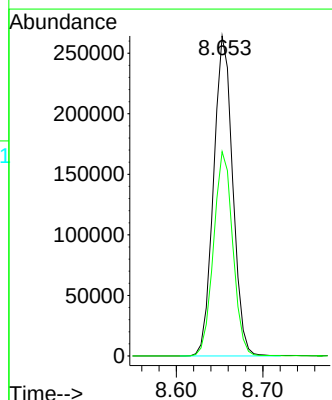
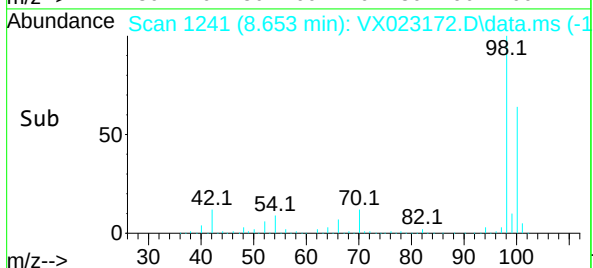
Tgt Ion:117 Resp: 22866
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

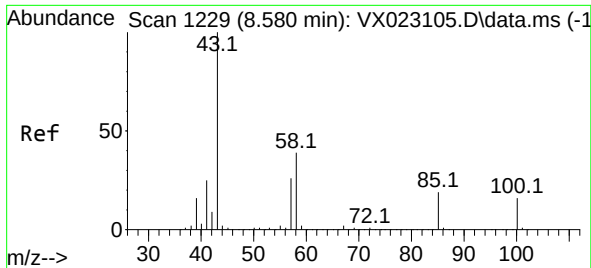


#50
Toluene-d8
Concen: 48.535 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04



Tgt Ion: 98 Resp: 406013
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

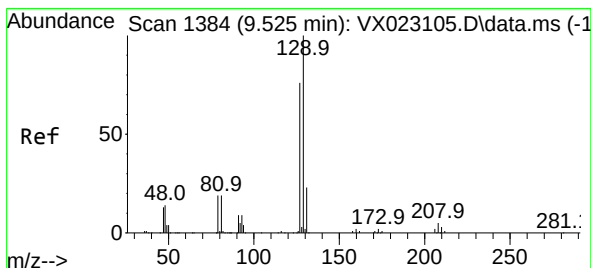
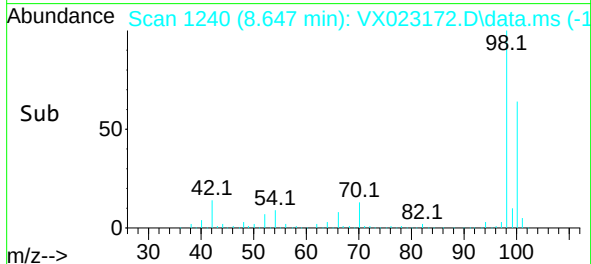
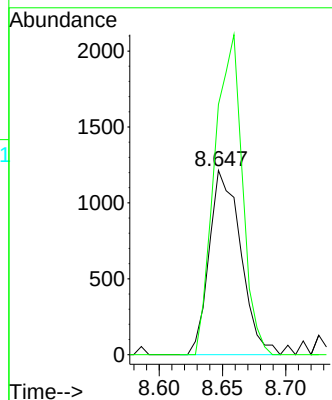
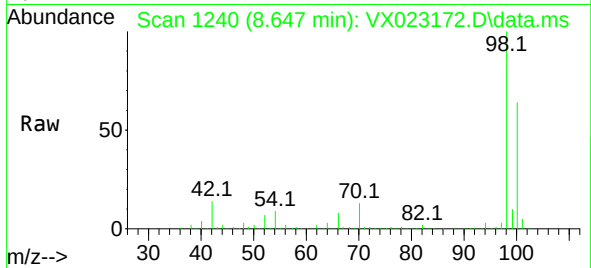




#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

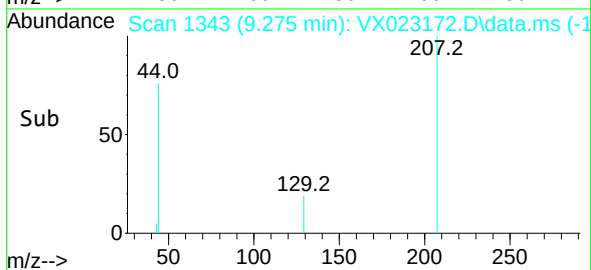
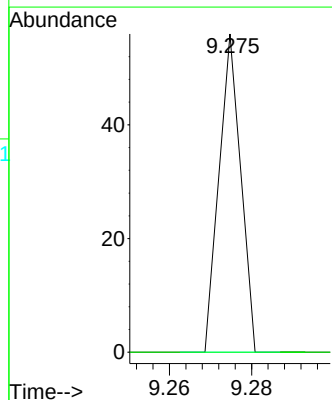
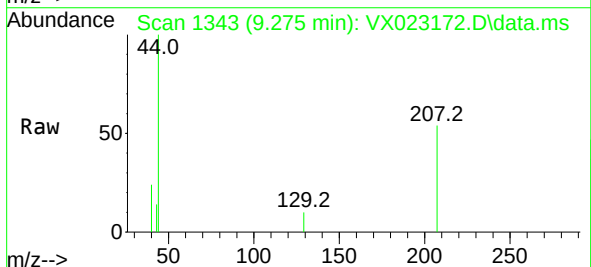
Instrument :
MSVOA_X
ClientSampled :

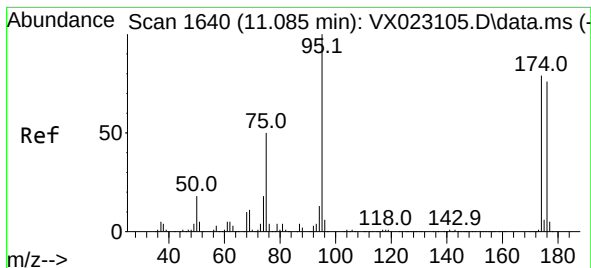
Tgt Ion: 43 Resp: 2105
Ion Ratio Lower Upper
43 100
58 152.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.119 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

Tgt Ion: 129 Resp: 20
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

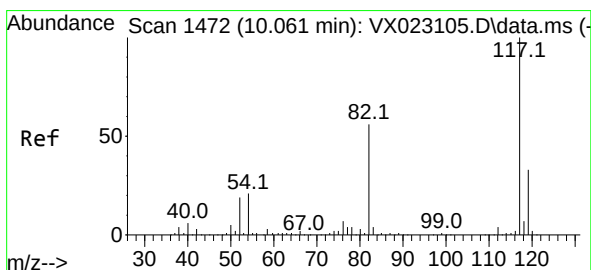
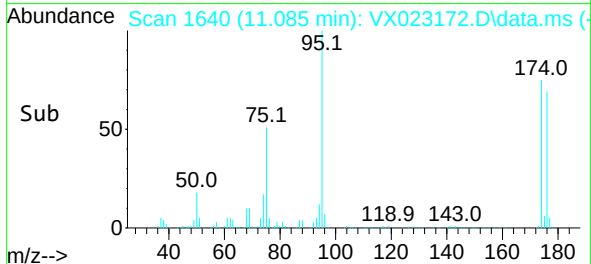
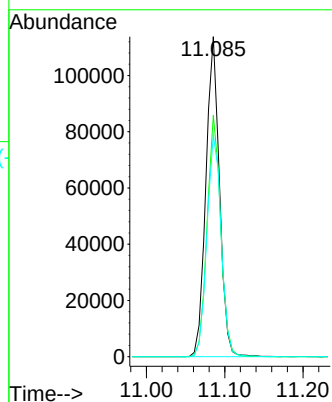
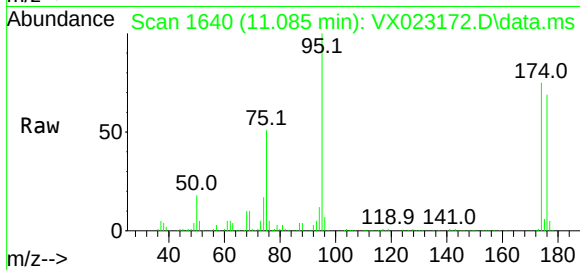




#62
4-Bromofluorobenzene
Concen: 42.202 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

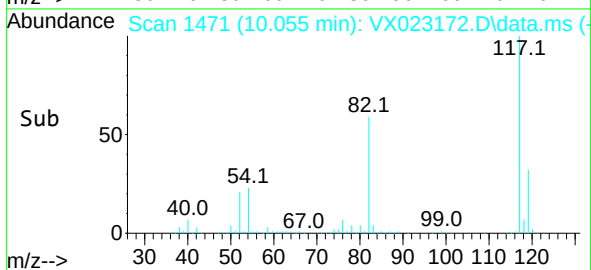
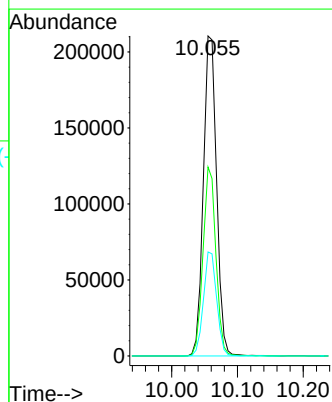
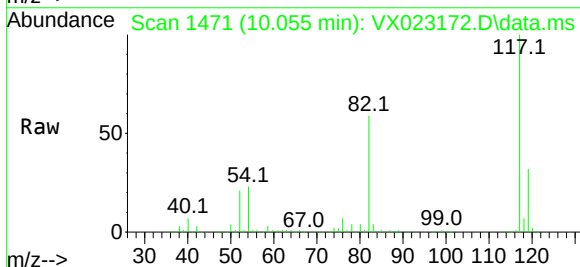
Instrument :
MSVOA_X
ClientSampleId :

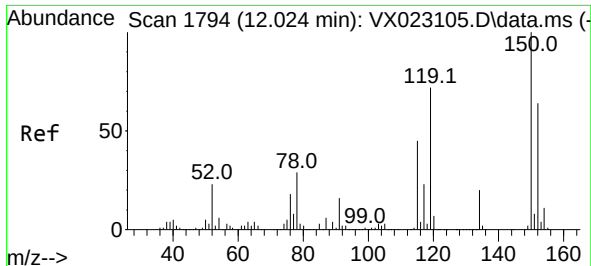
Tgt Ion: 95 Resp: 136291
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 72.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

Tgt Ion: 117 Resp: 294783
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 32.5 26.6 39.8

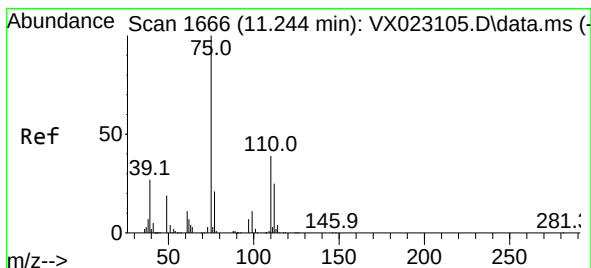
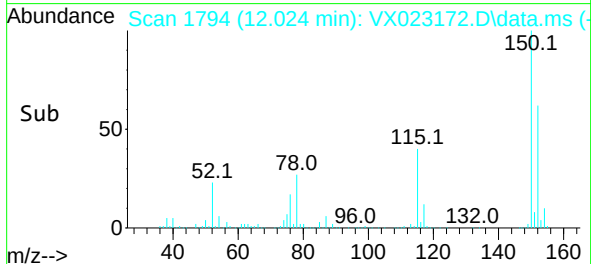
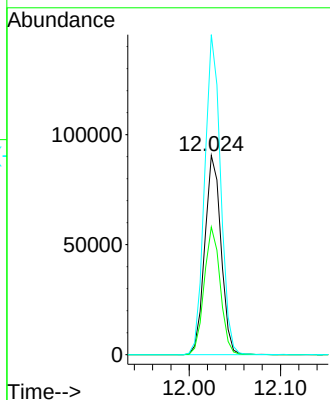
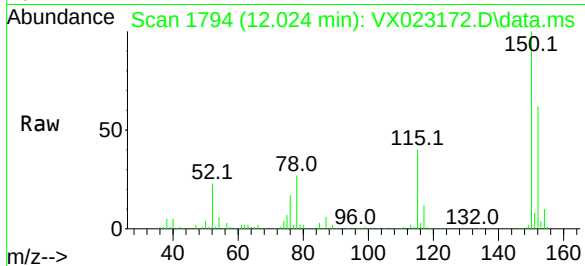




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023172.D
 Acq: 07 Jul 2021 15:04

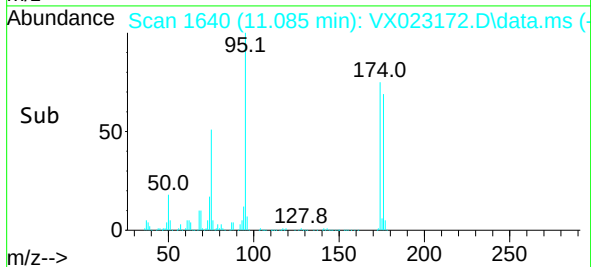
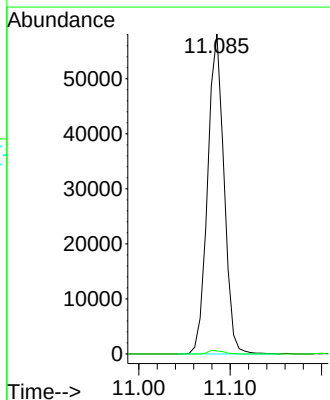
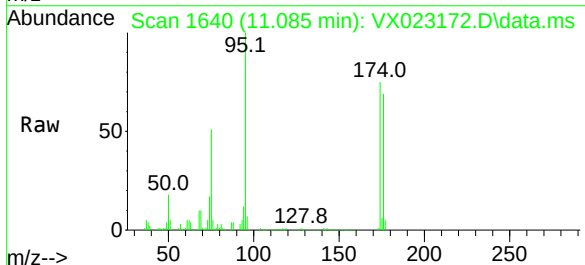
Instrument :
 MSVOA_X
 ClientSampleId :

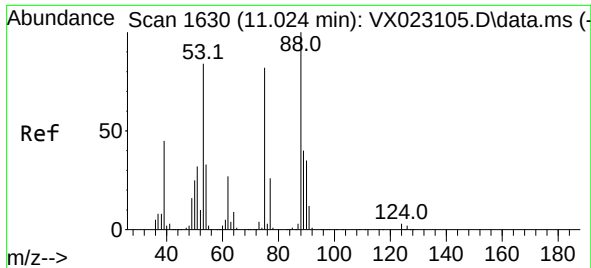
Tgt Ion:152 Resp: 111433
 Ion Ratio Lower Upper
 152 100
 115 63.3 41.1 123.3
 150 157.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 32.150 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023172.D
 Acq: 07 Jul 2021 15:04

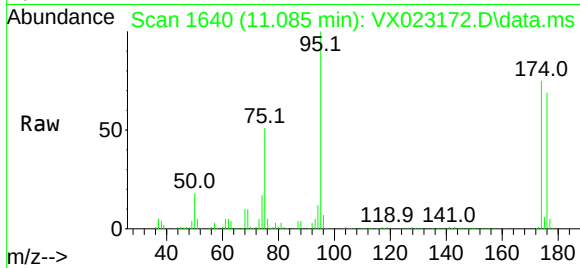
Tgt Ion: 75 Resp: 72094
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#



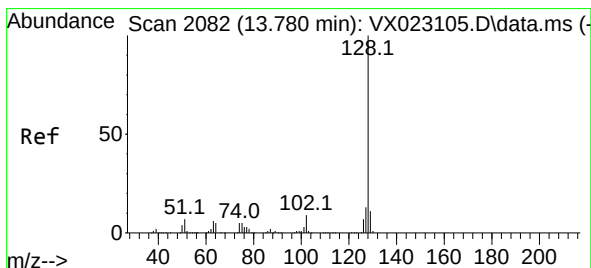
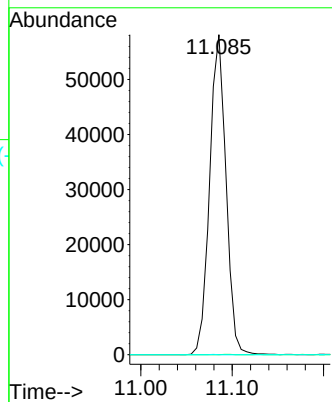
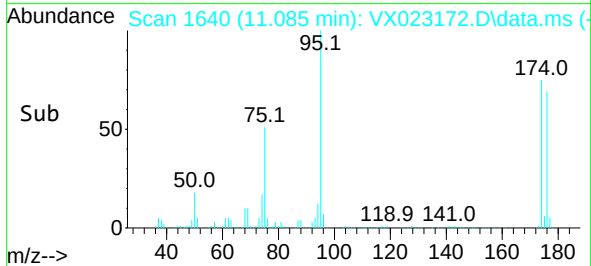


#81
trans-1,4-Dichloro-2-butene
Concen: 85.982 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04

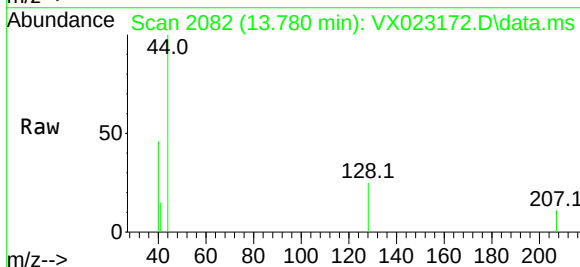
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 72094
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.293 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023172.D
Acq: 07 Jul 2021 15:04



Tgt Ion: 128 Resp: 149
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

