

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023224.D
 Acq On : 09 Jul 2021 16:25
 Operator : JC/MD
 Sample : PB137563ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137563ZHE#12

Quant Time: Jul 10 04:21:12 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)

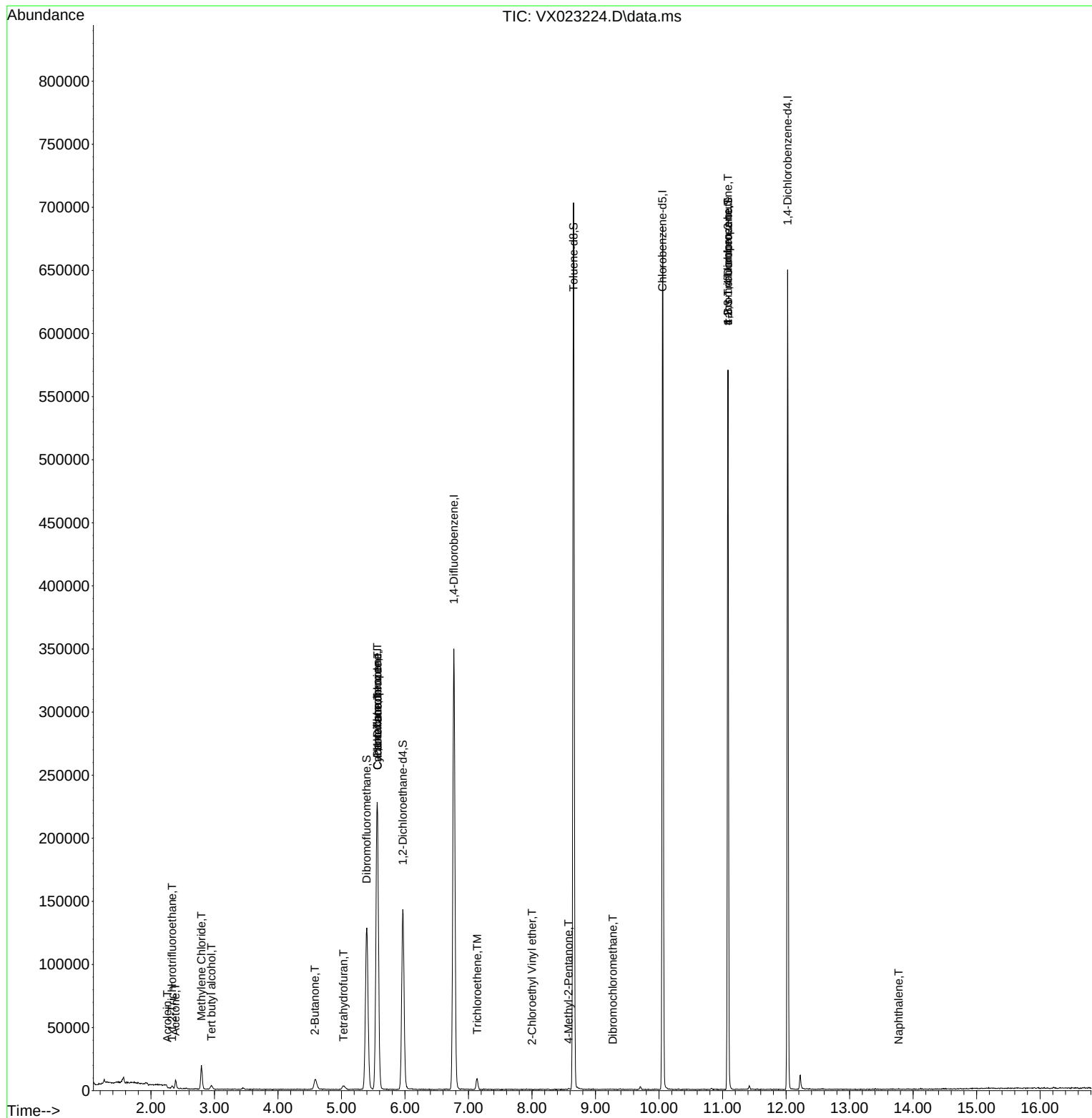
Internal Standards						
1) Pentafluorobenzene	5.562	168	212760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	348774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143959	50.344	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.680%	
35) Dibromofluoromethane	5.397	113	112021	49.738	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.480%	
50) Toluene-d8	8.653	98	412144	49.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.120%	
62) 4-Bromofluorobenzene	11.085	95	148176	45.685	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.380%	
Target Compounds						Qvalue
5) Bromomethane	1.611	94	326	Below Cal		84
9) 1,1,2-Trichlorotrifluo...	2.331	101	837	0.407	ug/l	96
11) Tert butyl alcohol	2.953	59	1882	3.129	ug/l #	73
13) Acrolein	2.258	56	110	0.275	ug/l #	81
16) Acetone	2.386	43	6819	6.028	ug/l	98
20) Methylene Chloride	2.794	84	7954	3.266	ug/l	94
25) 2-Butanone	4.580	43	1359	0.797	ug/l #	67
29) Tetrahydrofuran	5.032	42	2848	2.597	ug/l	93
31) Cyclohexane	5.568	56	4575	1.336	ug/l #	7
36) 1,1-Dichloropropene	5.562	75	17033	5.478	ug/l #	50
38) Carbon Tetrachloride	5.568	117	22752	7.010	ug/l #	16
44) Trichloroethene	7.135	130	3093	1.208	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	817	0.234	ug/l #	69
58) 2-Chloroethyl Vinyl ether	8.001	63	20	4.699	ug/l #	45
60) Dibromochloromethane	9.275	129	45	3.128	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	76342	29.525	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	76342	79.349	ug/l #	12
95) Naphthalene	13.774	128	268	1.303	ug/l #	69

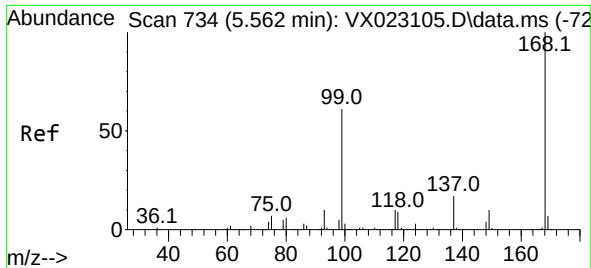
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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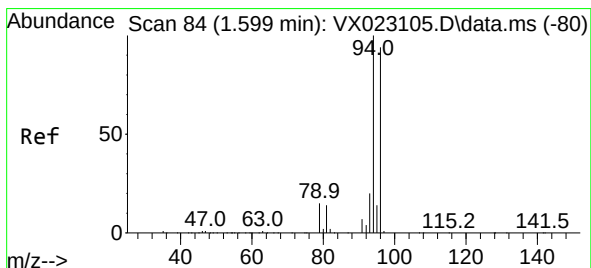
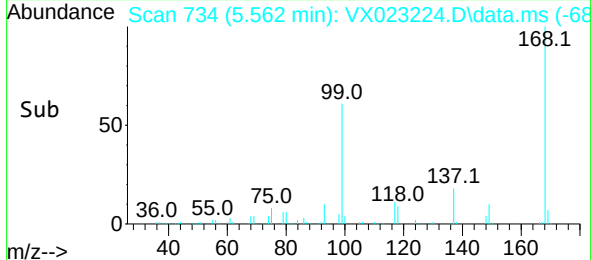
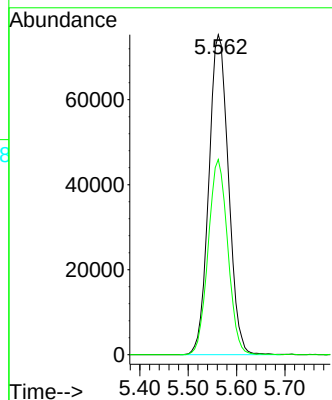
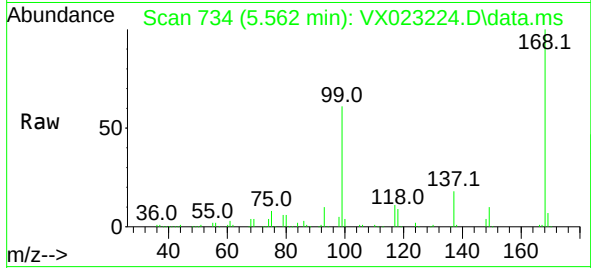




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

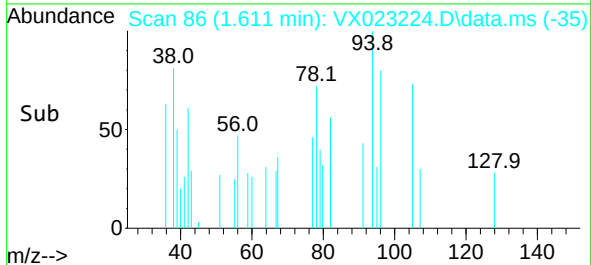
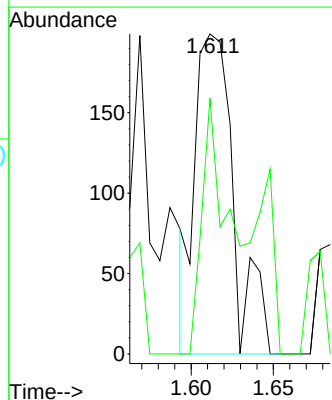
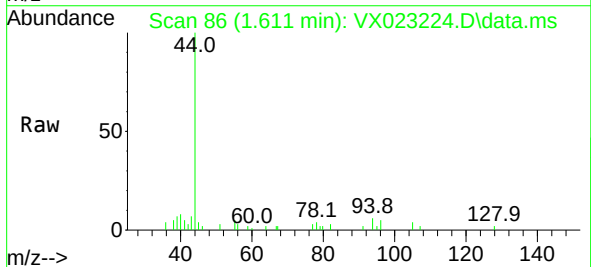
Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12

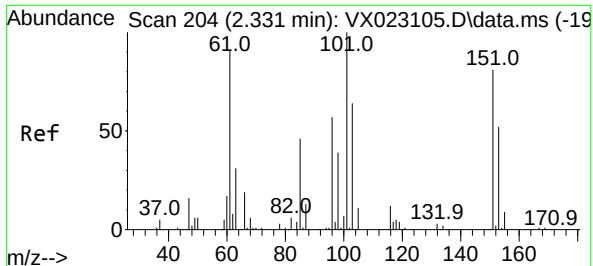
Tgt Ion:168 Resp: 212760
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 79.9 76.4 114.6

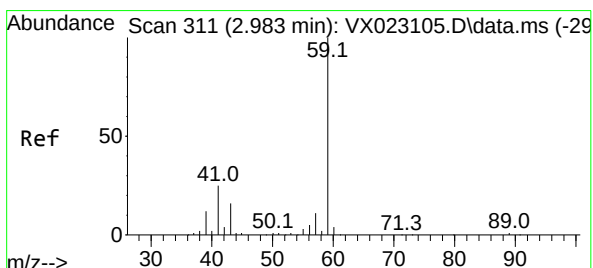
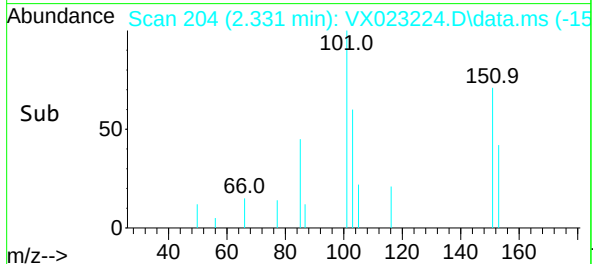
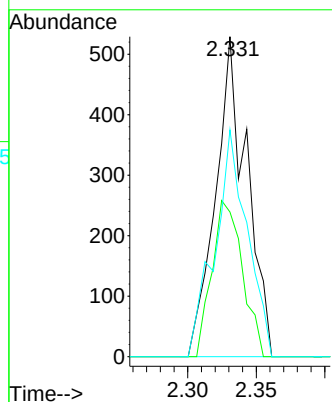
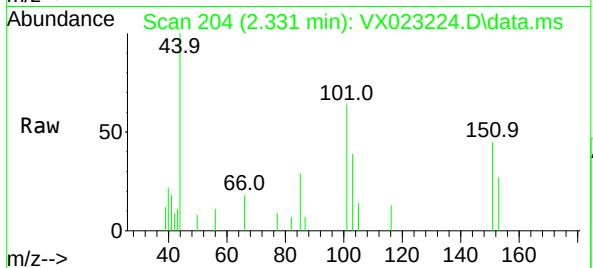




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.407 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

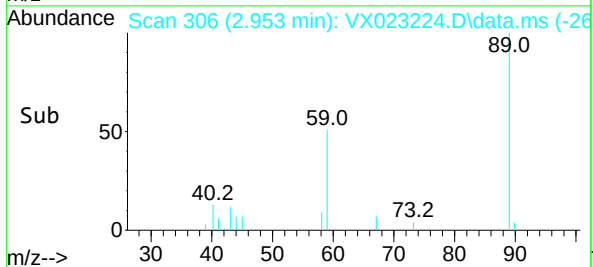
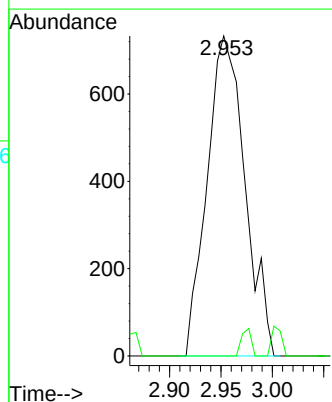
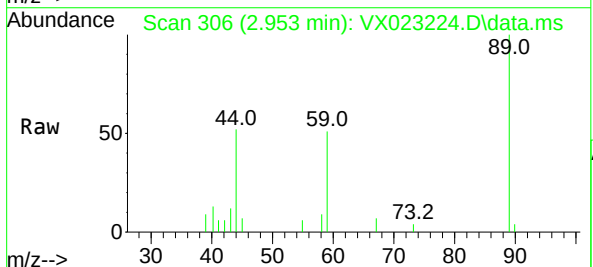
Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12

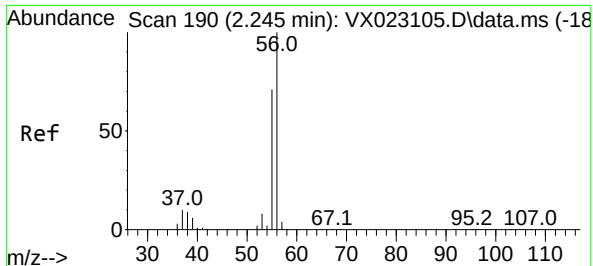
Tgt Ion:101 Resp: 837
Ion Ratio Lower Upper
101 100
85 47.4 34.9 52.3
151 73.8 61.4 92.2



#11
Tert butyl alcohol
Concen: 3.129 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Tgt Ion: 59 Resp: 1882
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

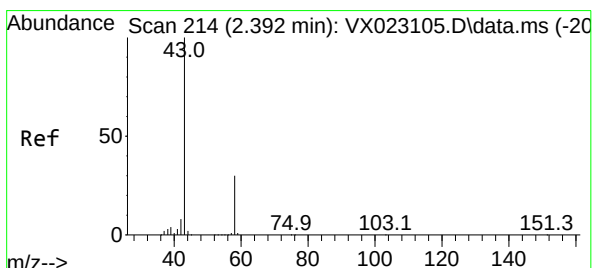
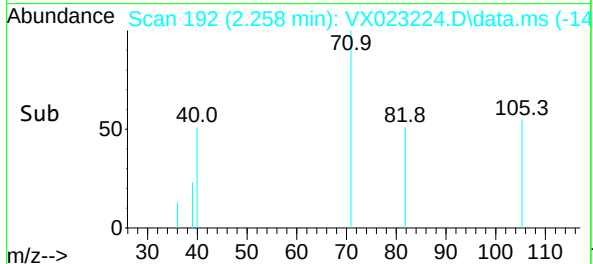
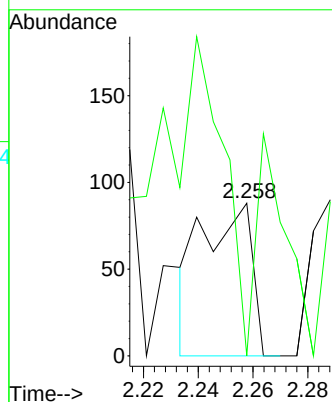
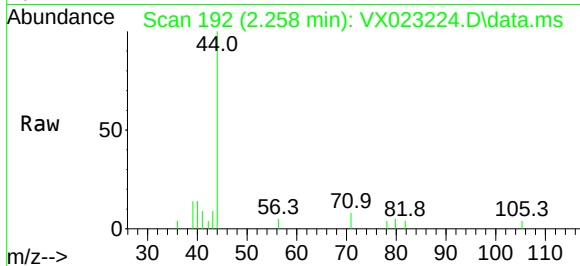




#13
Acrolein
Concen: 0.275 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.013 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

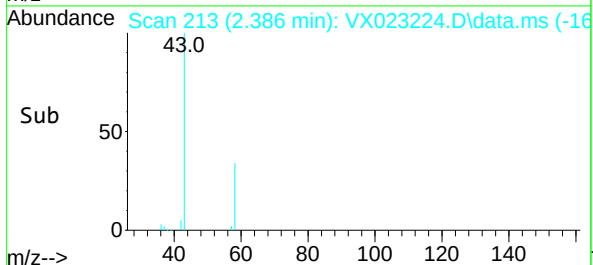
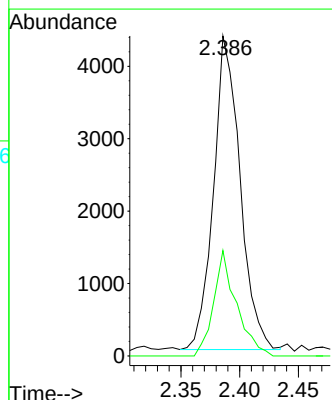
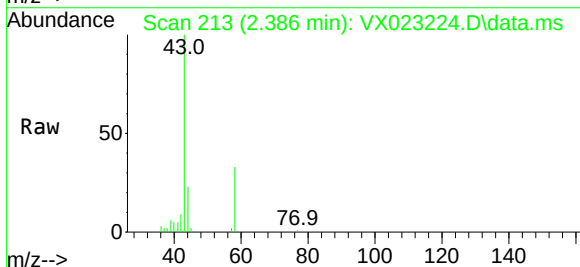
Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12

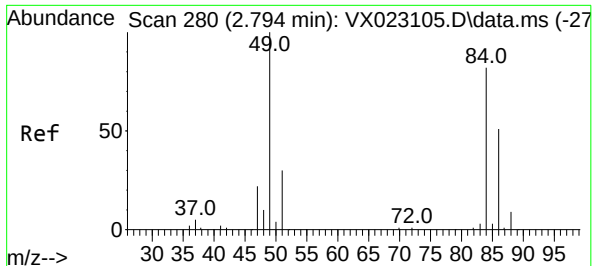
Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 86.4 56.4 84.6#



#16
Acetone
Concen: 6.028 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Tgt Ion: 43 Resp: 6819
Ion Ratio Lower Upper
43 100
58 33.6 27.8 41.8





#20

Methylene Chloride

Concen: 3.266 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023224.D

Acq: 09 Jul 2021 16:25

Instrument :

MSVOA_X

ClientSampleId :

PB137563ZHE#12

Tgt Ion: 84 Resp: 7954

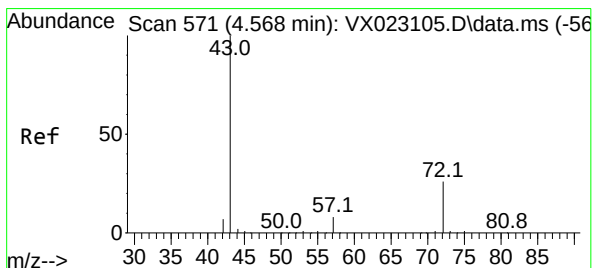
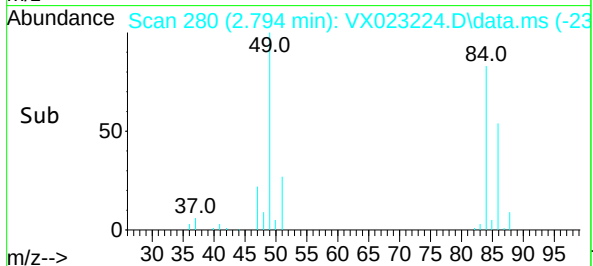
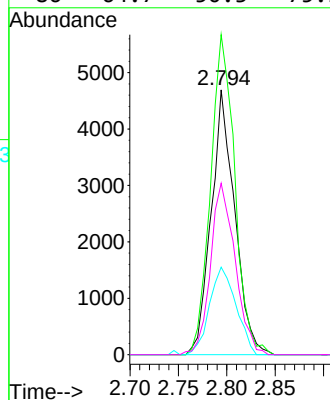
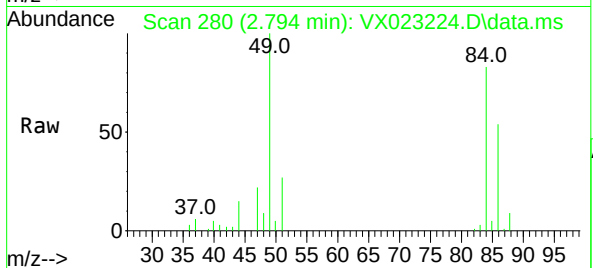
Ion Ratio Lower Upper

84 100

49 120.9 88.6 132.8

51 33.0 27.0 40.6

86 64.7 50.3 75.5



#25

2-Butanone

Concen: 0.797 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX023224.D

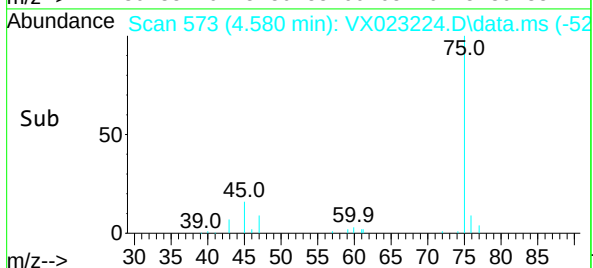
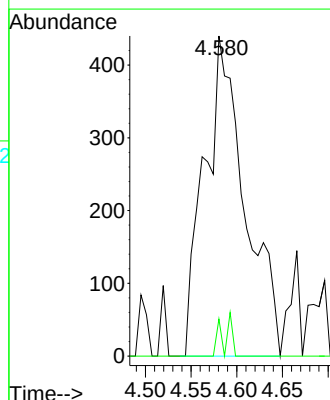
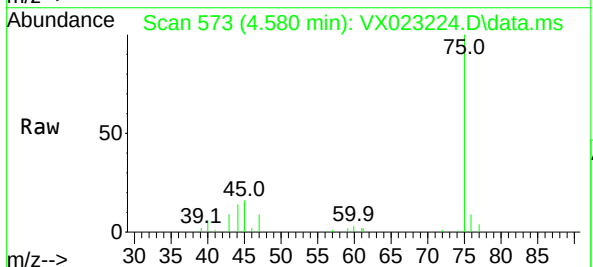
Acq: 09 Jul 2021 16:25

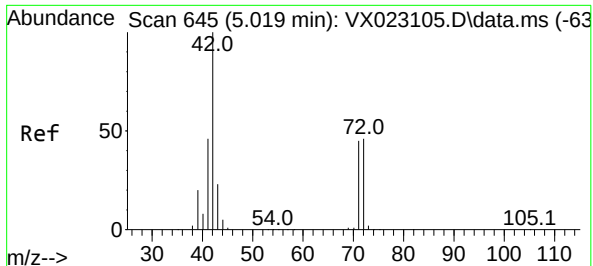
Tgt Ion: 43 Resp: 1359

Ion Ratio Lower Upper

43 100

72 11.6 23.7 35.5#





#29

Tetrahydrofuran

Concen: 2.597 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.013 min

Lab File: VX023224.D

Acq: 09 Jul 2021 16:25

Instrument :

MSVOA_X

ClientSampleId :

PB137563ZHE#12

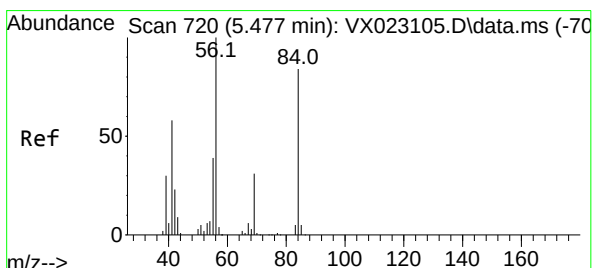
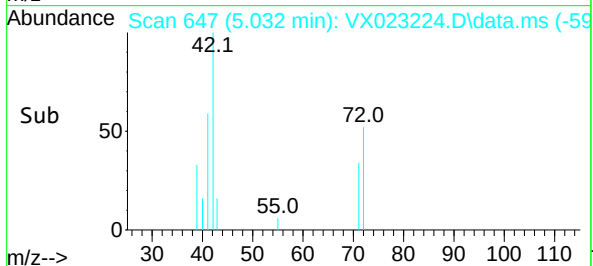
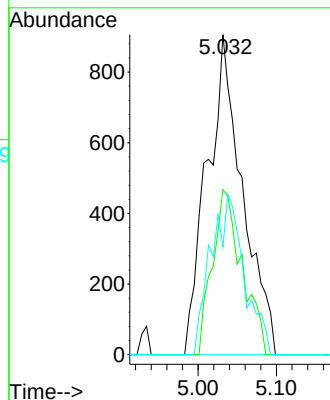
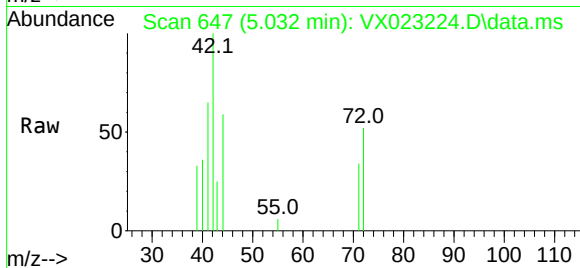
Tgt Ion: 42 Resp: 2848

Ion Ratio Lower Upper

42 100

72 43.2 41.7 62.5

71 47.0 38.4 57.6



#31

Cyclohexane

Concen: 1.336 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX023224.D

Acq: 09 Jul 2021 16:25

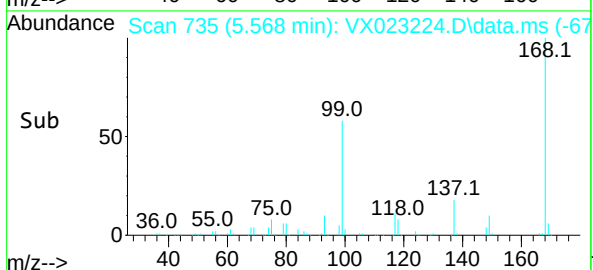
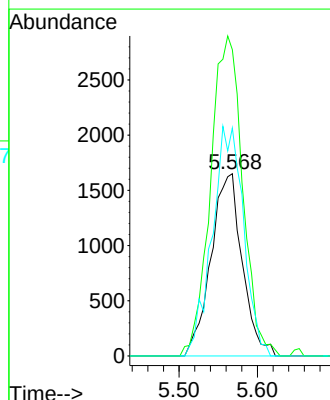
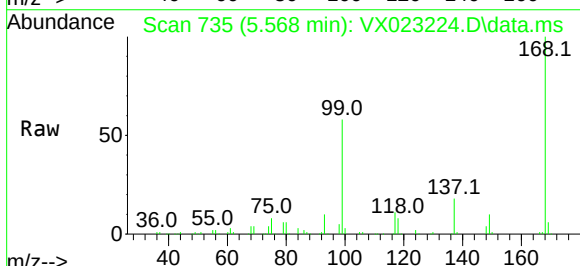
Tgt Ion: 56 Resp: 4575

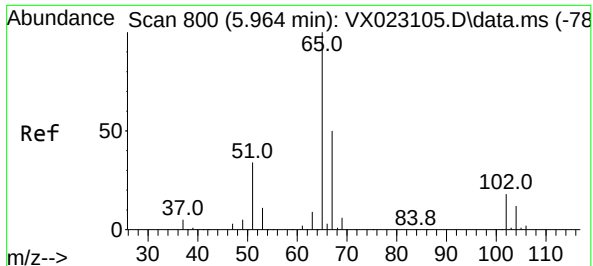
Ion Ratio Lower Upper

56 100

69 168.0 25.3 37.9#

84 125.1 71.4 107.0#



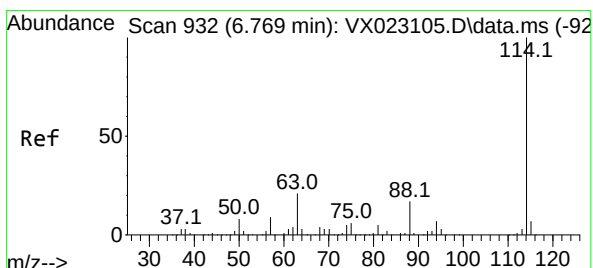
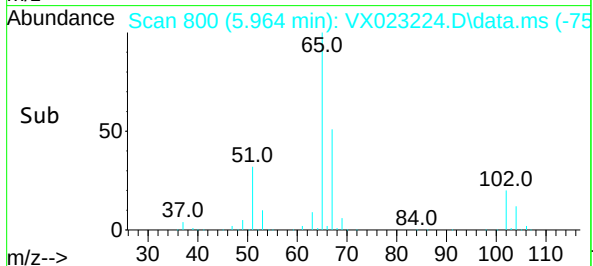
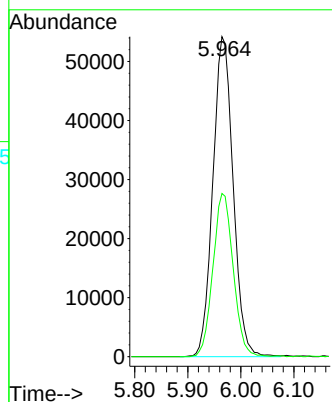
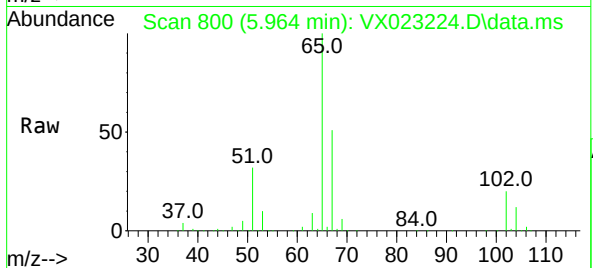


#33

1,2-Dichloroethane-d4
Concen: 50.344 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12

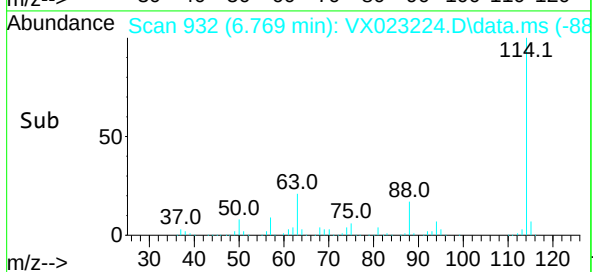
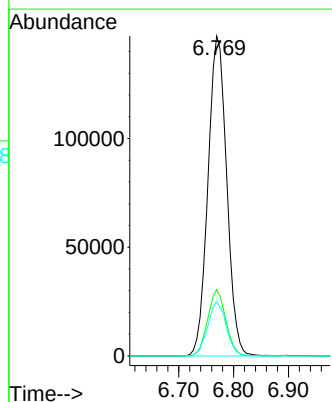
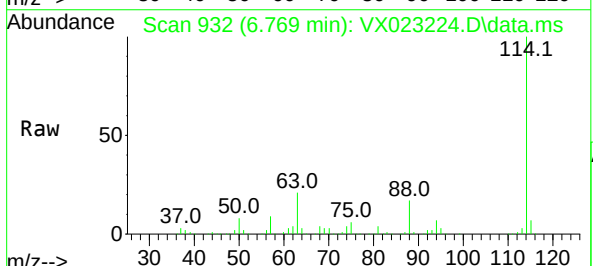
Tgt Ion: 65 Resp: 143959
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

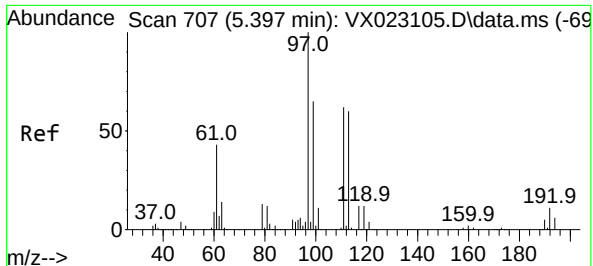


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

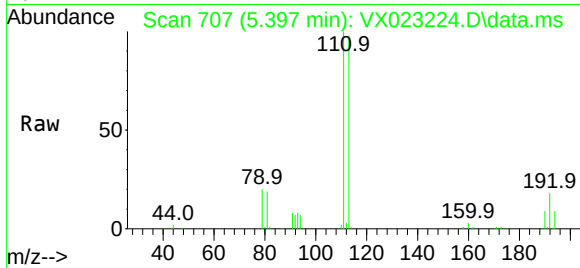
Tgt Ion: 114 Resp: 348774
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.0 0.0 32.8



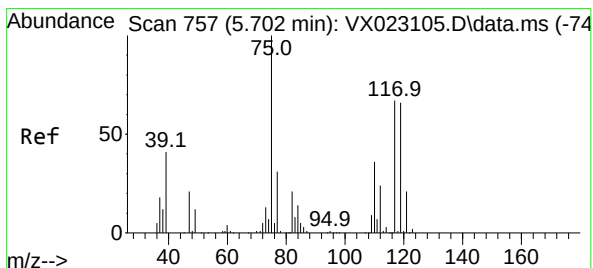
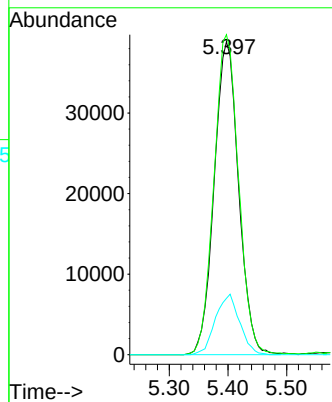
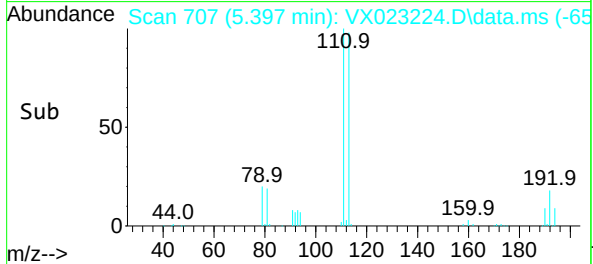


#35
Dibromofluoromethane
Concen: 49.738 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

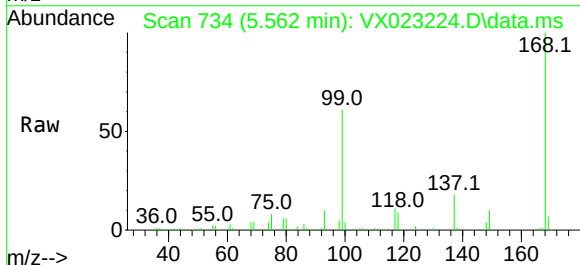
Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12



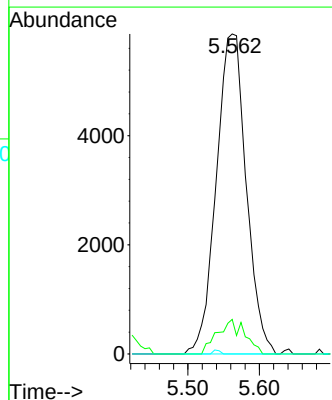
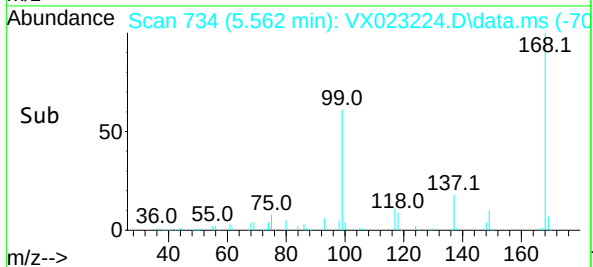
Tgt Ion:113 Resp: 112021
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.2 16.7 25.1

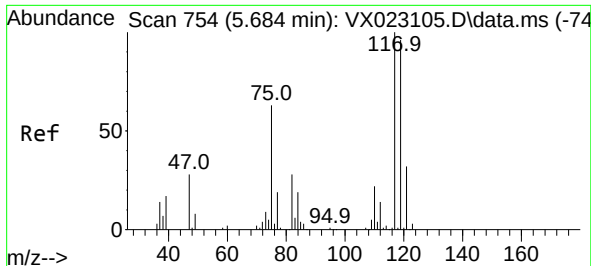


#36
1,1-Dichloropropene
Concen: 5.478 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25



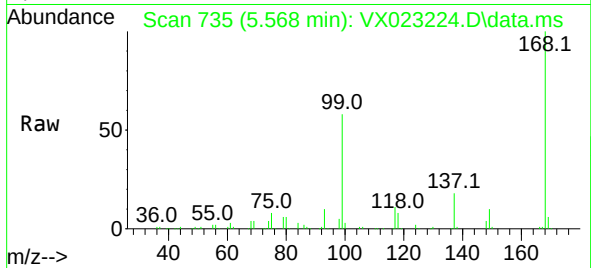
Tgt Ion: 75 Resp: 17033
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



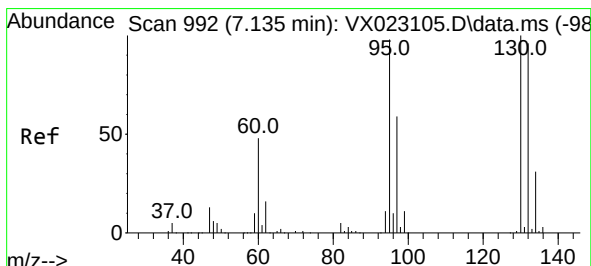
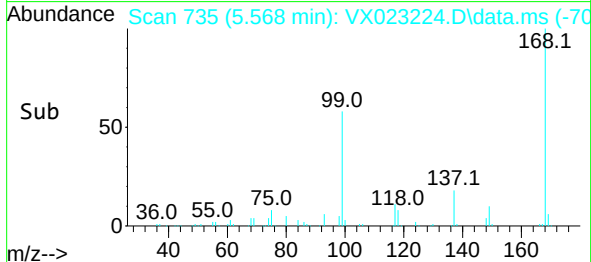
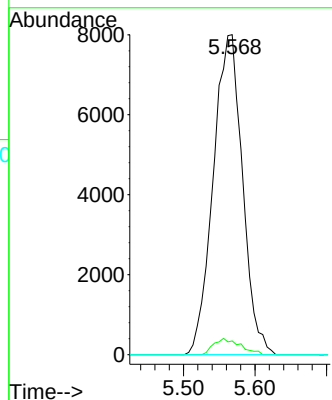


#38
Carbon Tetrachloride
Concen: 7.010 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12

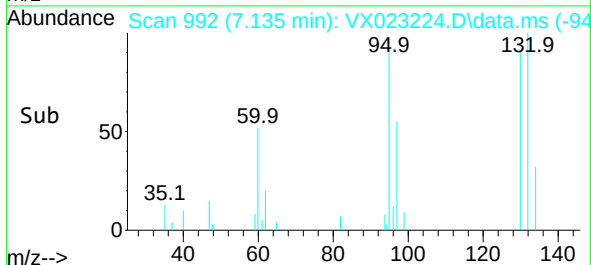
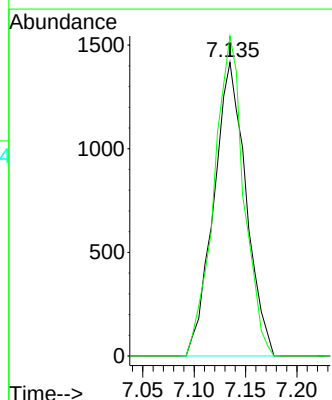
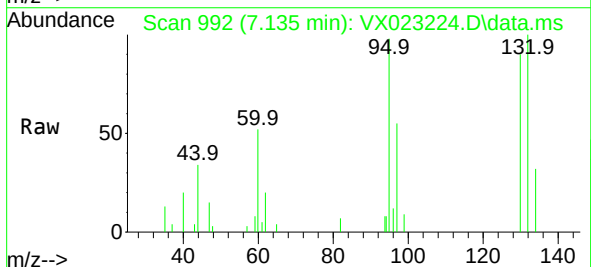


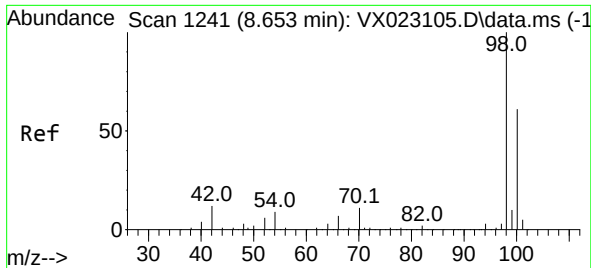
Tgt Ion:117 Resp: 22752
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 1.208 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Tgt Ion:130 Resp: 3093
Ion Ratio Lower Upper
130 100
95 109.0 0.0 198.0

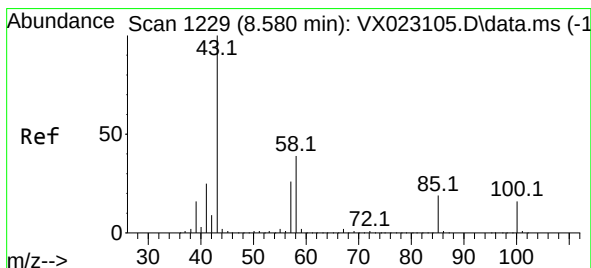
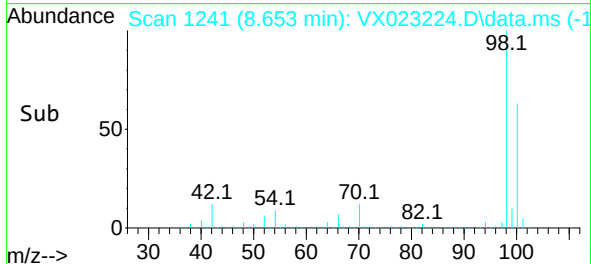
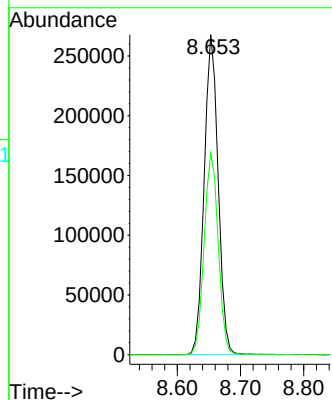
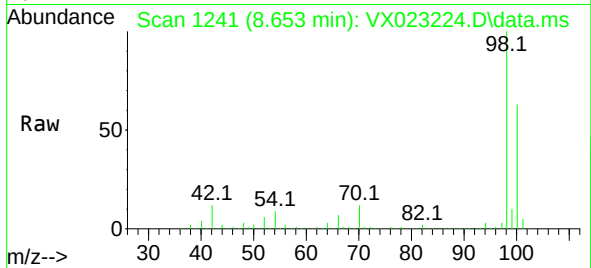




#50
Toluene-d8
Concen: 49.057 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

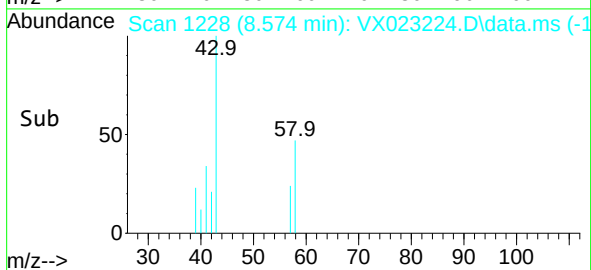
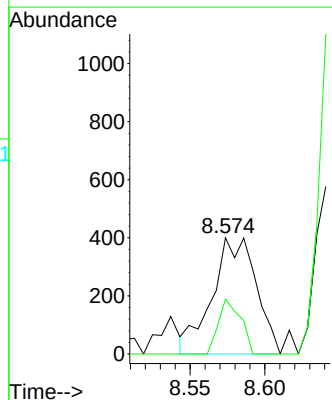
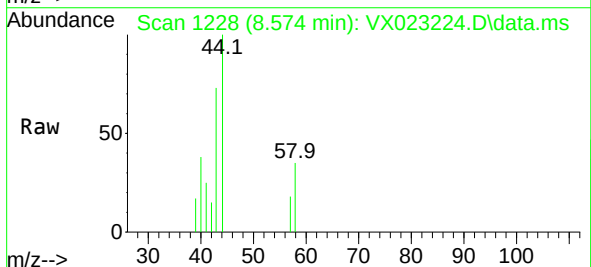
Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12

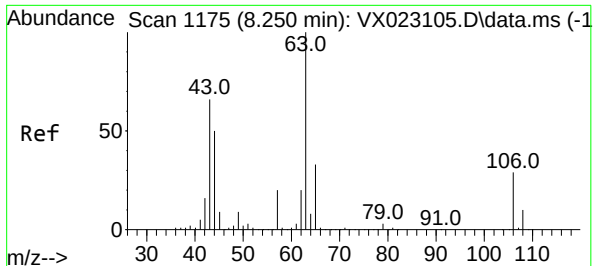
Tgt Ion: 98 Resp: 412144
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.234 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 23.9 35.4 53.0#

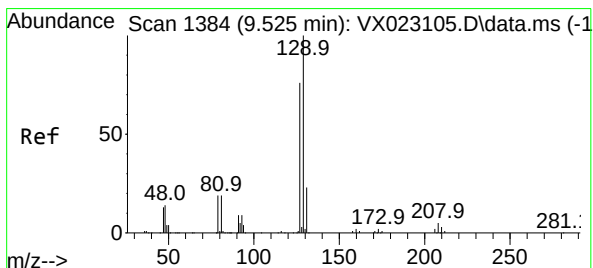
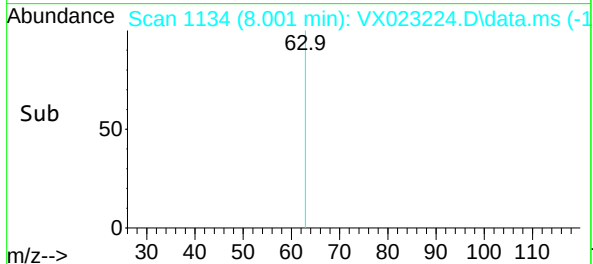
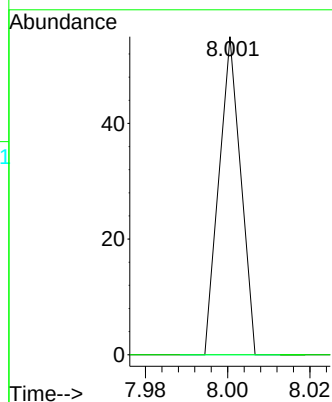
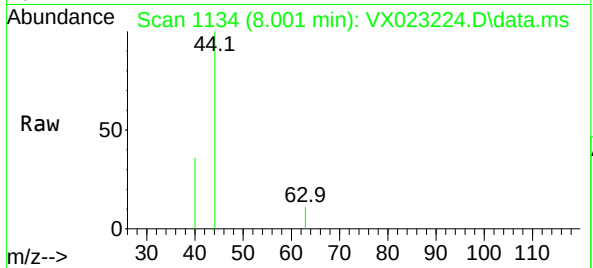




#58
2-Chloroethyl Vinyl ether
Concen: 4.699 ug/l
RT: 8.001 min Scan# 1134
Delta R.T. -0.249 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

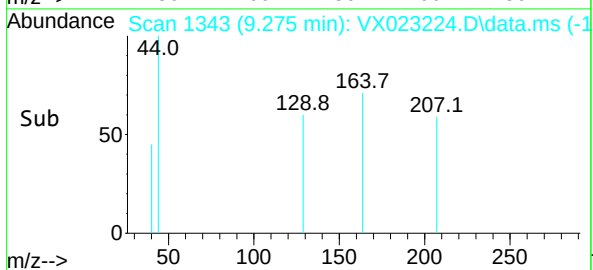
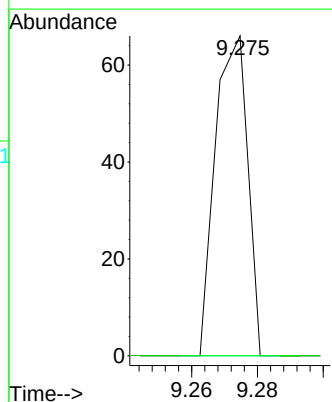
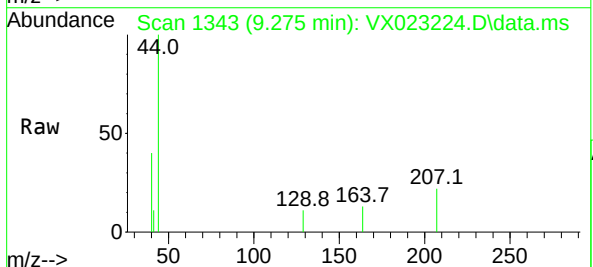
Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12

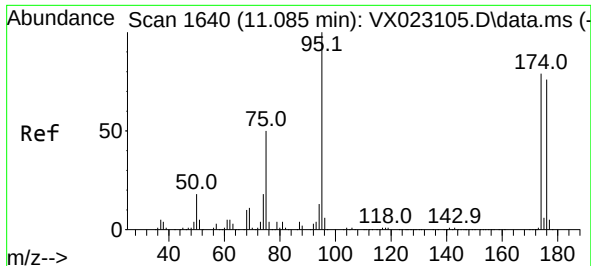
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.128 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Tgt Ion: 129 Resp: 45
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

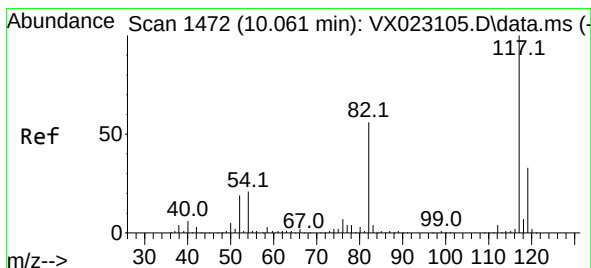
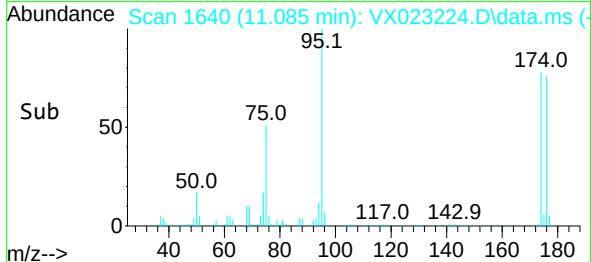
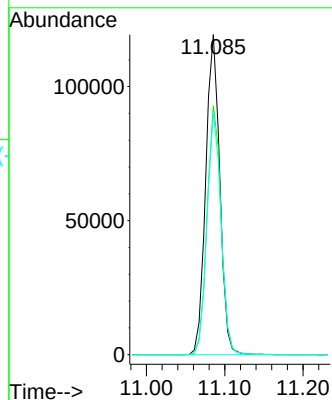
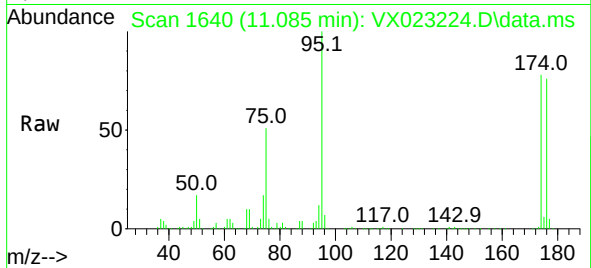




#62
4-Bromofluorobenzene
Concen: 45.685 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

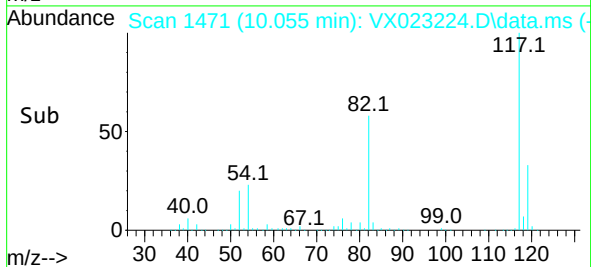
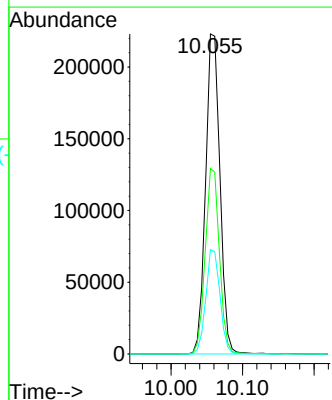
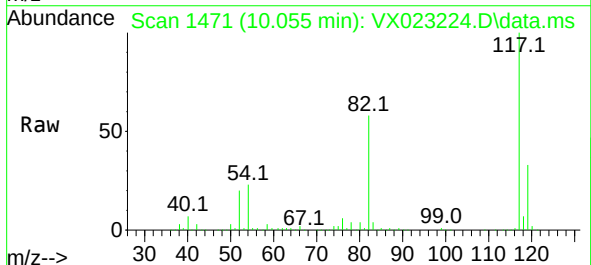
Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12

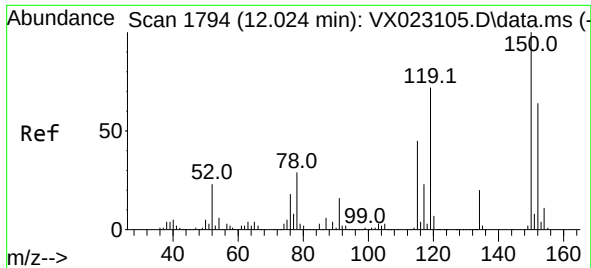
Tgt Ion: 95 Resp: 148176
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 75.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Tgt Ion: 117 Resp: 311744
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.6 26.6 39.8

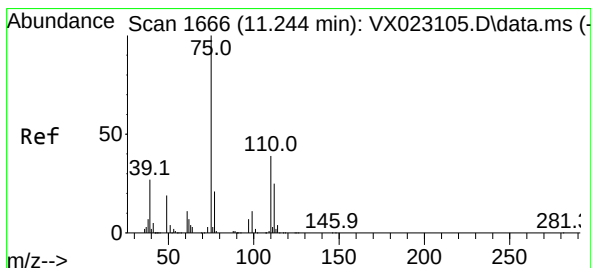
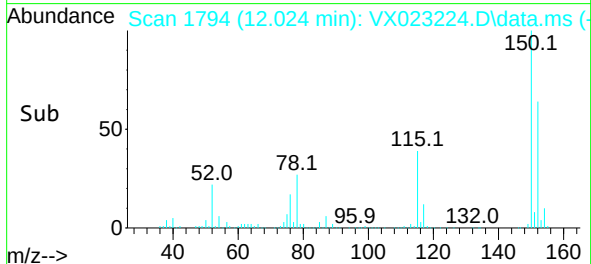
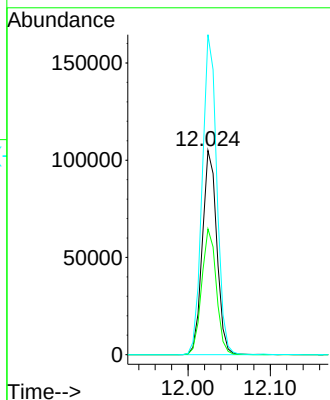
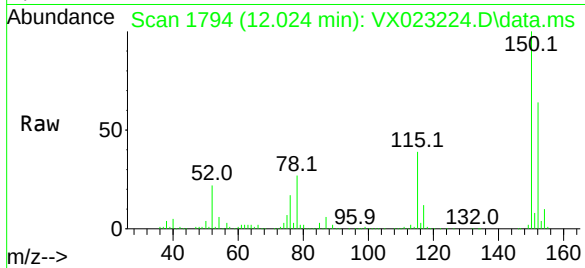




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023224.D
 Acq: 09 Jul 2021 16:25

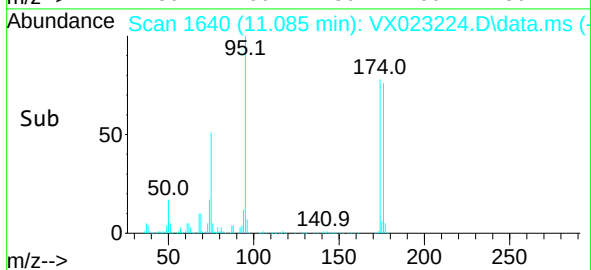
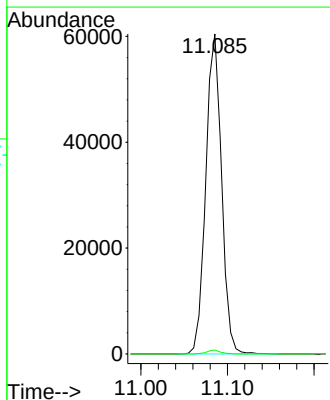
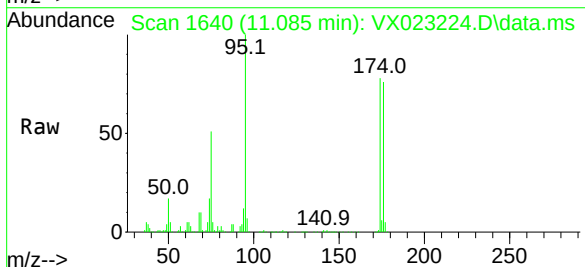
Instrument :
 MSVOA_X
 ClientSampleId :
 PB137563ZHE#12

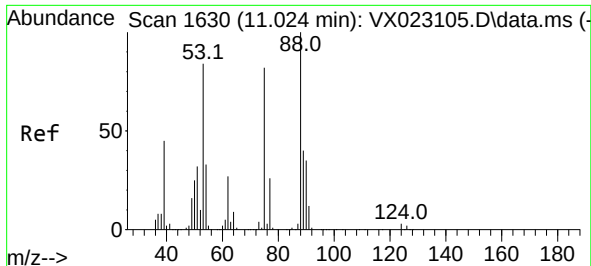
Tgt Ion:152 Resp: 128493
 Ion Ratio Lower Upper
 152 100
 115 62.2 41.1 123.3
 150 157.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.525 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023224.D
 Acq: 09 Jul 2021 16:25

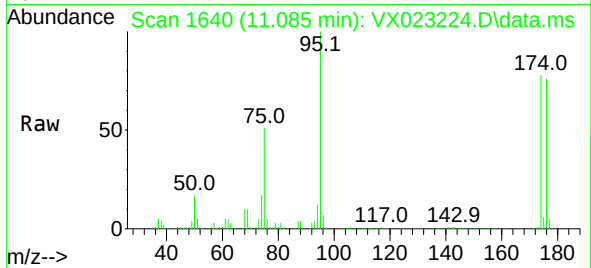
Tgt Ion: 75 Resp: 76342
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#



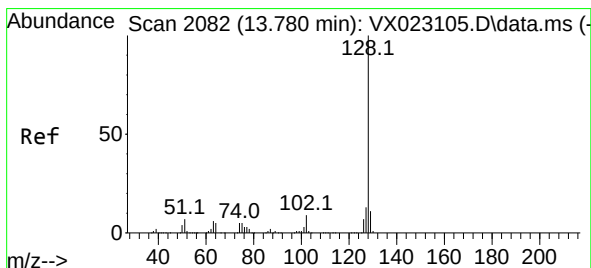
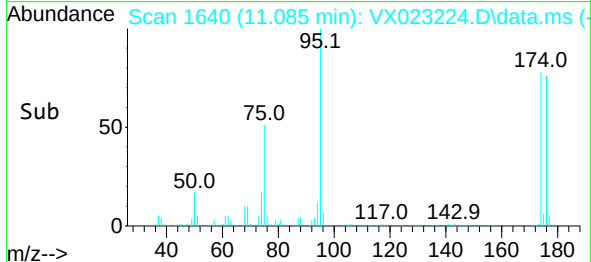
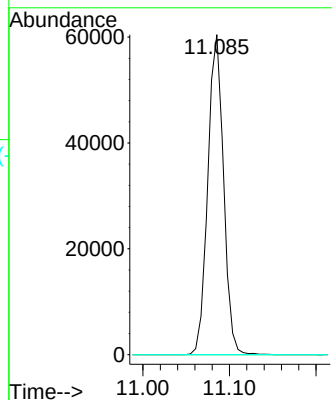


#81
trans-1,4-Dichloro-2-butene
Concen: 79.349 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Instrument :
MSVOA_X
ClientSampleId :
PB137563ZHE#12



Tgt Ion: 75 Resp: 76342
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.303 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023224.D
Acq: 09 Jul 2021 16:25

Tgt Ion: 128 Resp: 268
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

