

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023596.D
 Acq On : 06 Aug 2021 15:08
 Operator : JC/MD
 Sample : M3320-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:45:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

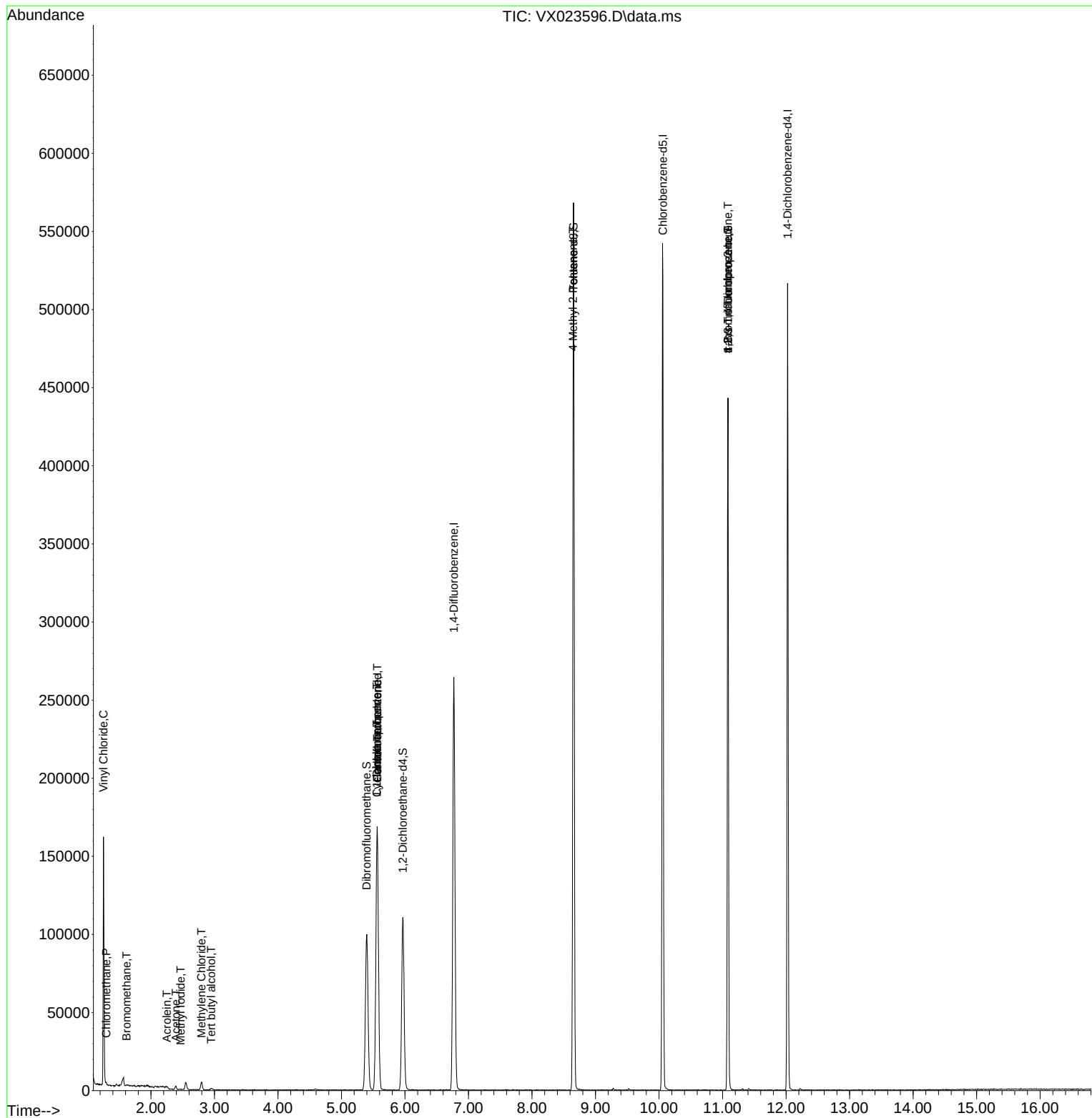
Internal Standards						
1) Pentafluorobenzene	5.562	168	158077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	244246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107095	54.311	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.620%	
35) Dibromofluoromethane	5.397	113	85618	51.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.520%	
50) Toluene-d8	8.653	98	324870	52.935	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	11.085	95	110706	53.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	765	0.452	ug/l #	80
4) Vinyl Chloride	1.252	62	1079	0.629	ug/l #	1
5) Bromomethane	1.618	94	611	0.600	ug/l #	79
10) Methyl Iodide	2.465	142	485	0.247	ug/l #	90
11) Tert butyl alcohol	2.947	59	753	1.672	ug/l #	73
13) Acrolein	2.252	56	52	1.590	ug/l	87
16) Acetone	2.392	43	2439	2.521	ug/l #	80
20) Methylene Chloride	2.794	84	2233	1.187	ug/l	96
31) Cyclohexane	5.556	56	3476	1.190	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	12484	5.166	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15997	6.509	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1557	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	58990	26.485	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58990	71.215	ug/l #	12

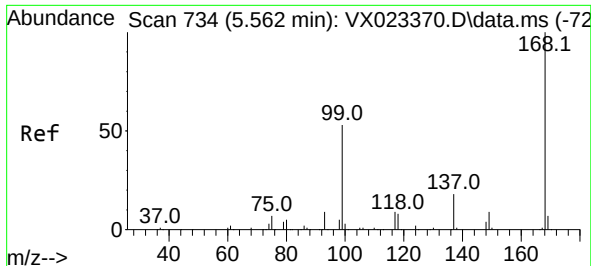
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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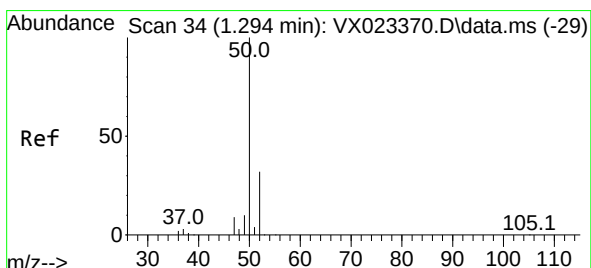
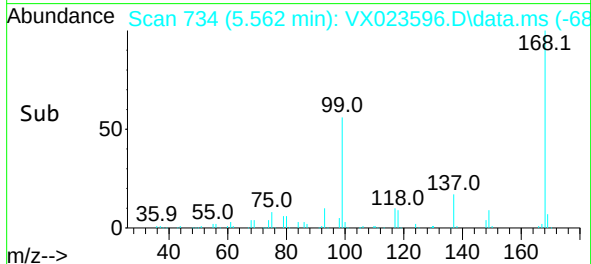
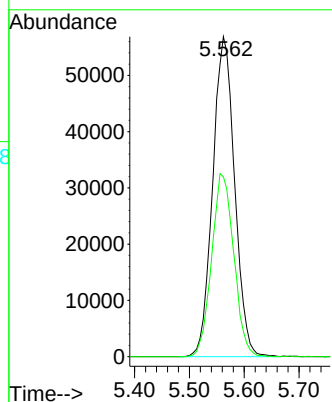
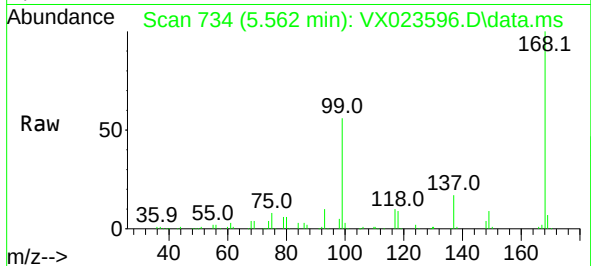




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

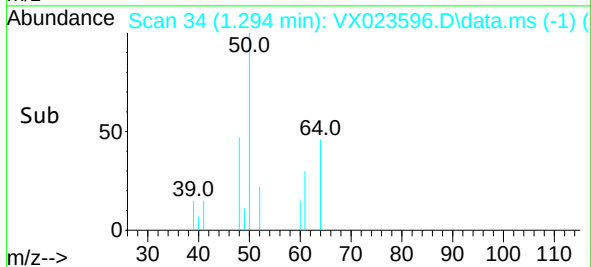
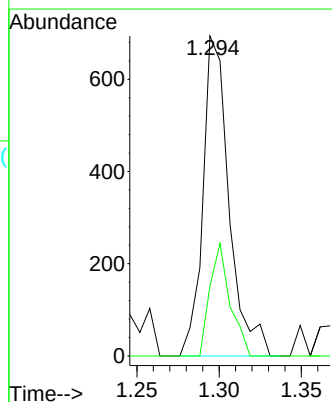
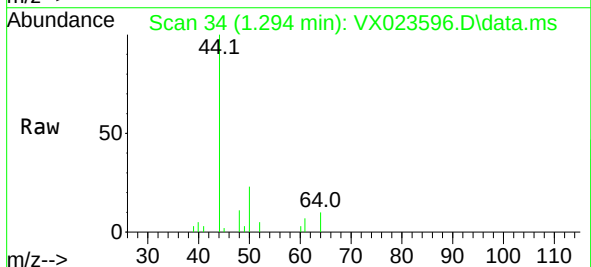
Instrument :
MSVOA_X
ClientSampled :

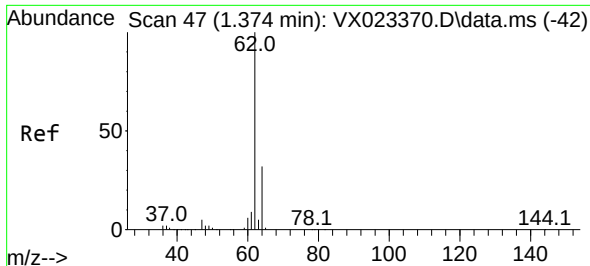
Tgt Ion:168 Resp: 158077
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.452 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Tgt Ion: 50 Resp: 765
Ion Ratio Lower Upper
50 100
52 21.9 26.4 39.6#

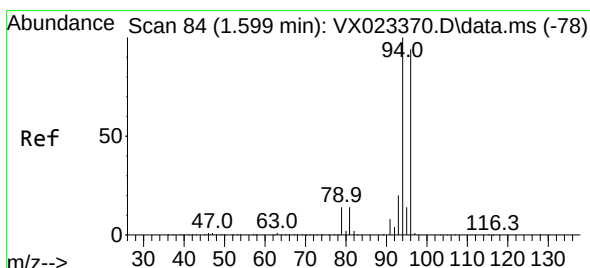
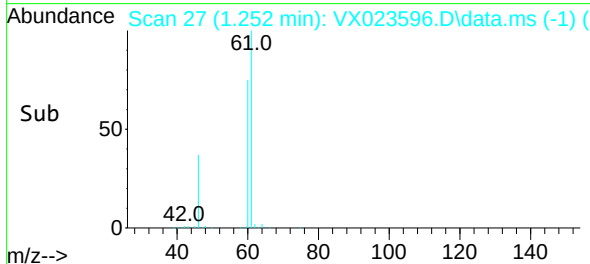
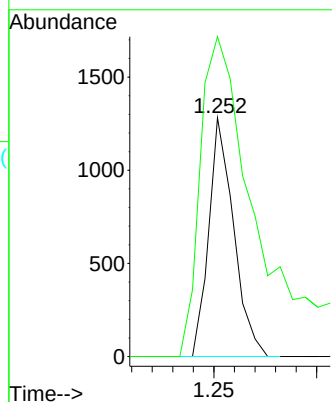
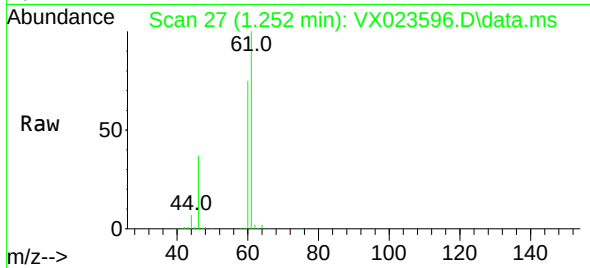




#4
 Vinyl Chloride
 Concen: 0.629 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023596.D
 Acq: 06 Aug 2021 15:08

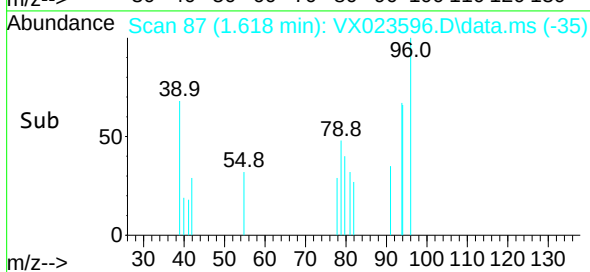
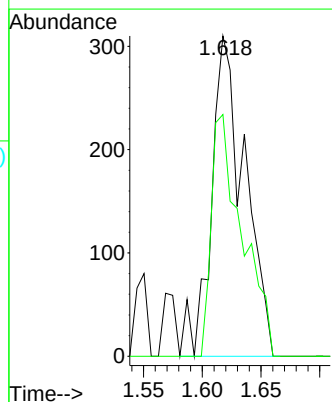
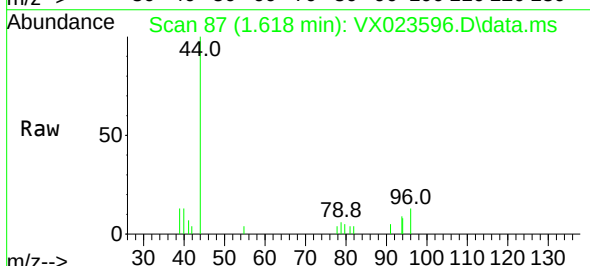
Instrument :
 MSVOA_X
 ClientSampled :

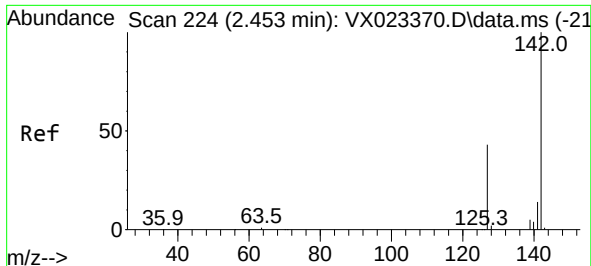
Tgt Ion: 62 Resp: 1079
 Ion Ratio Lower Upper
 62 100
 64 133.9 25.7 38.5#



#5
 Bromomethane
 Concen: 0.600 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX023596.D
 Acq: 06 Aug 2021 15:08

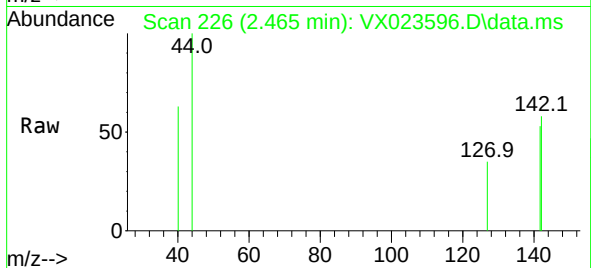
Tgt Ion: 94 Resp: 611
 Ion Ratio Lower Upper
 94 100
 96 75.5 76.4 114.6#



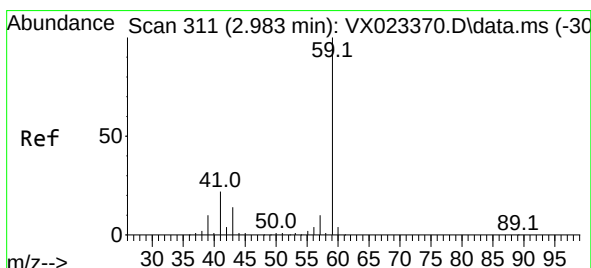
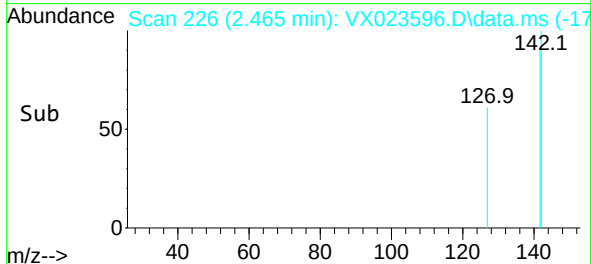
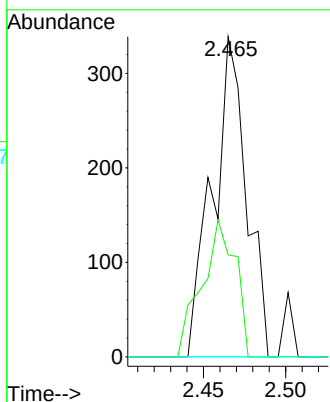


#10
Methyl Iodide
Concen: 0.247 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Instrument :
MSVOA_X
ClientSampled :

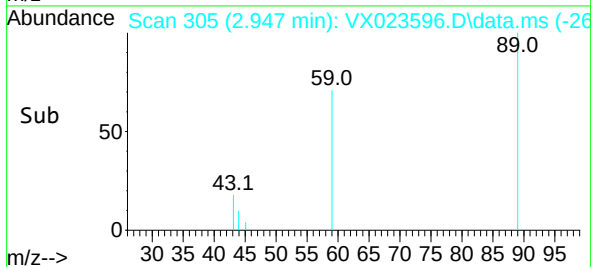
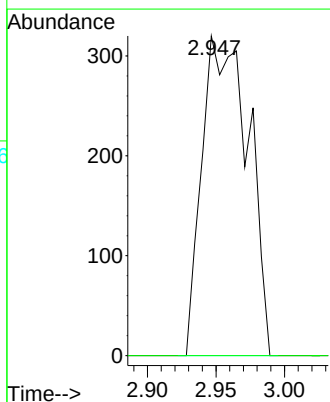
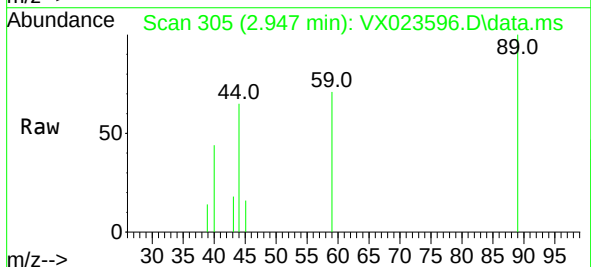


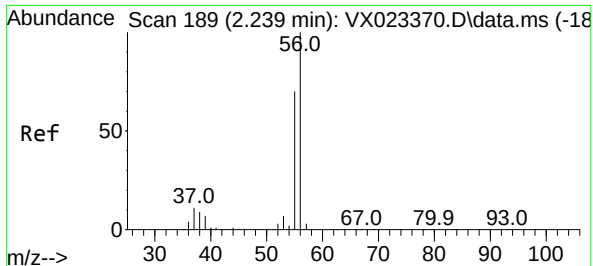
Tgt Ion:142 Resp: 485
Ion Ratio Lower Upper
142 100
127 42.7 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.672 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Tgt Ion: 59 Resp: 753
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 1.590 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.013 min

Lab File: VX023596.D

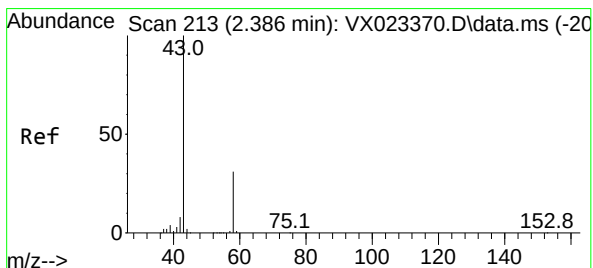
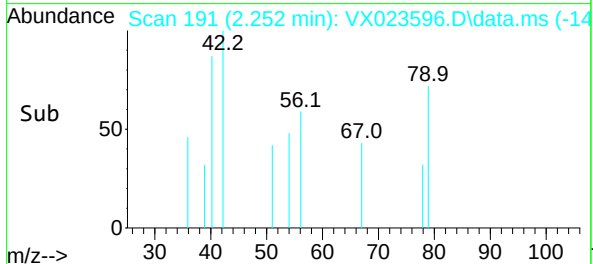
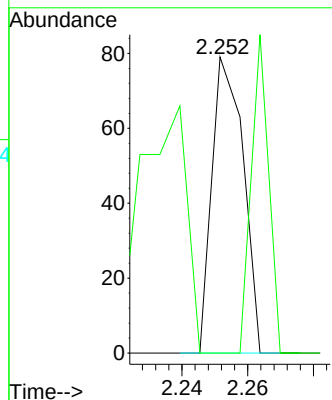
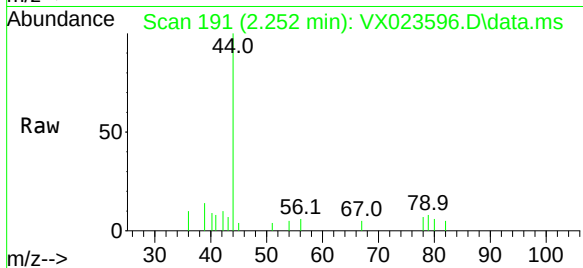
Acq: 06 Aug 2021 15:08

Tgt Ion: 56 Resp: 52

Ion Ratio Lower Upper

56 100

55 59.6 56.4 84.6



#16

Acetone

Concen: 2.521 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX023596.D

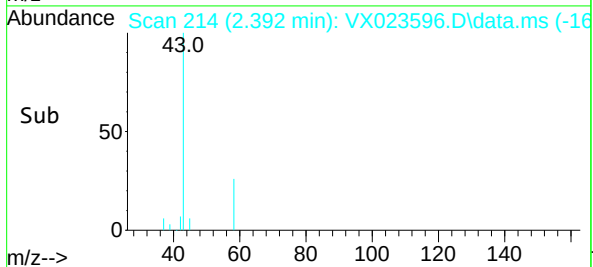
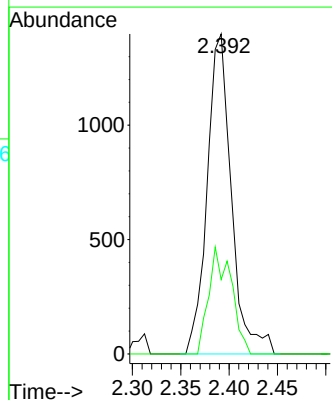
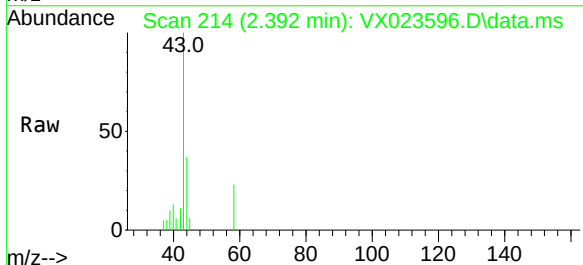
Acq: 06 Aug 2021 15:08

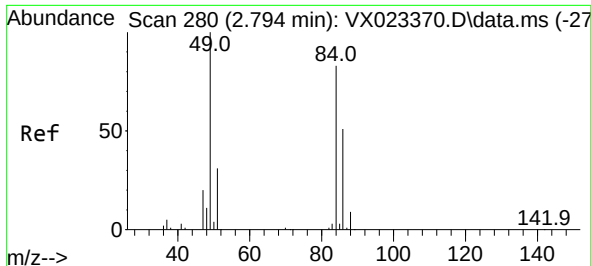
Tgt Ion: 43 Resp: 2439

Ion Ratio Lower Upper

43 100

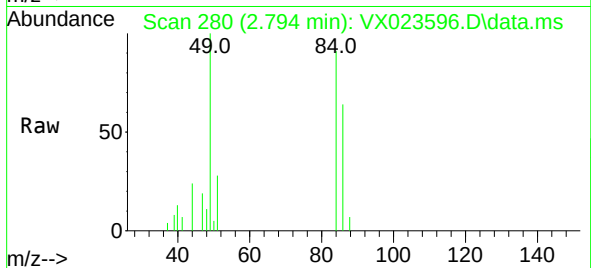
58 23.2 27.8 41.8#



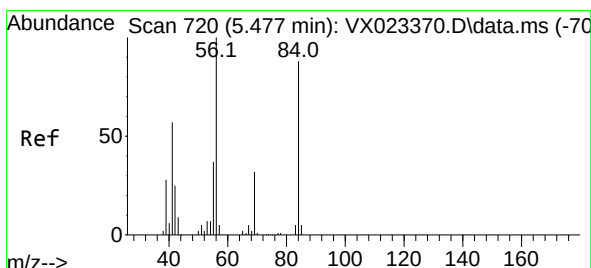
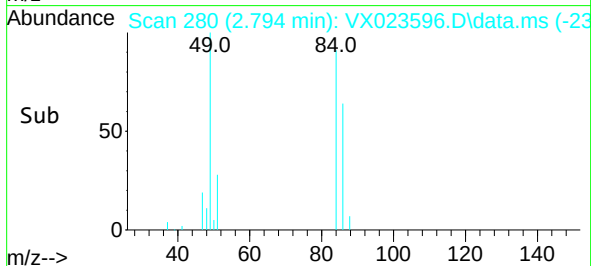
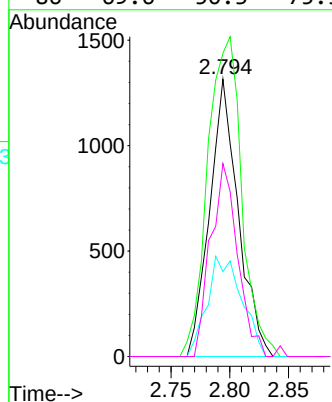


#20
Methylene Chloride
Concen: 1.187 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Instrument :
MSVOA_X
ClientSampled :

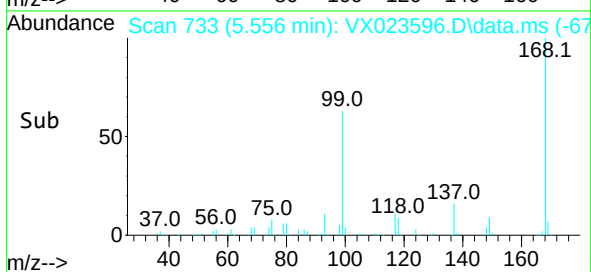
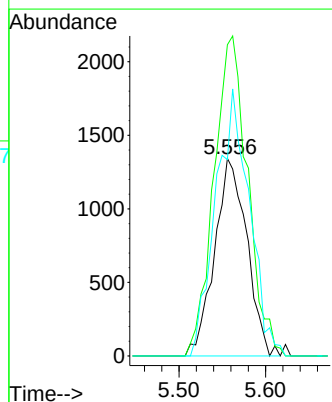
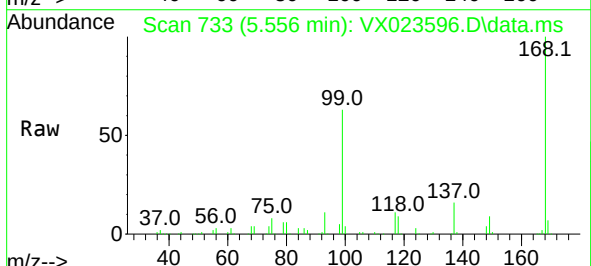


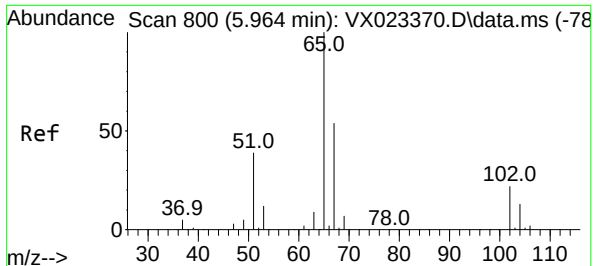
Tgt Ion:	84	Resp:	2233
Ion	Ratio	Lower	Upper
84	100		
49	109.4	88.6	132.8
51	30.6	27.0	40.6
86	69.6	50.3	75.5



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Tgt Ion:	56	Resp:	3476
Ion	Ratio	Lower	Upper
56	100		
69	157.5	25.3	37.9#
84	99.3	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 54.311 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023596.D

Acq: 06 Aug 2021 15:08

Tgt Ion: 65 Resp: 107095

Ion Ratio Lower Upper

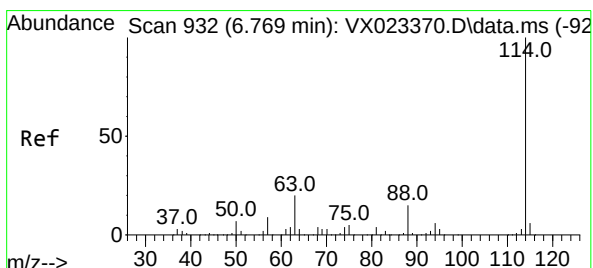
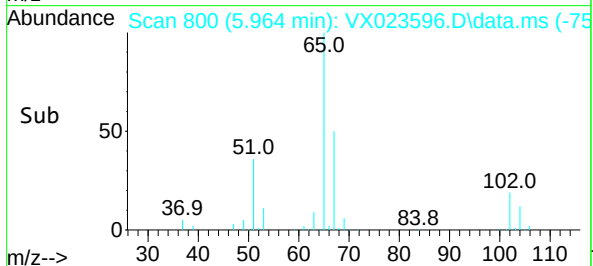
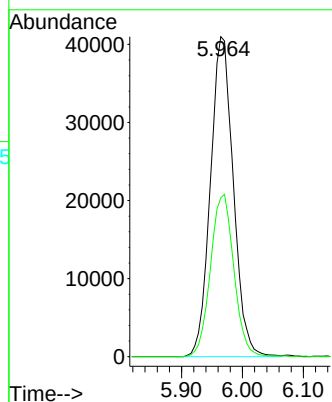
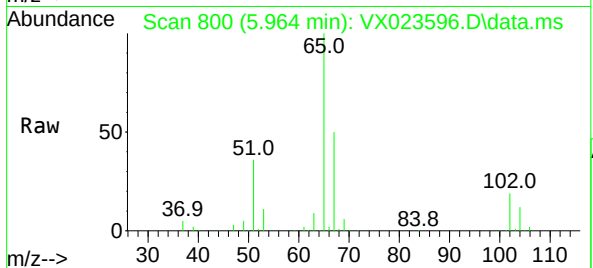
65 100

67 51.9 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023596.D

Acq: 06 Aug 2021 15:08

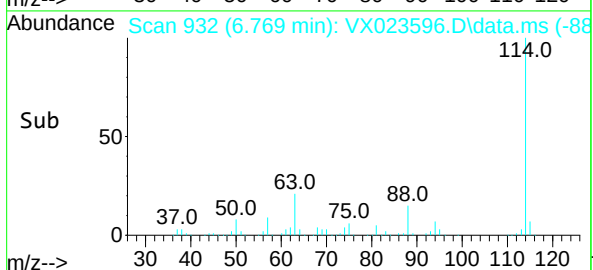
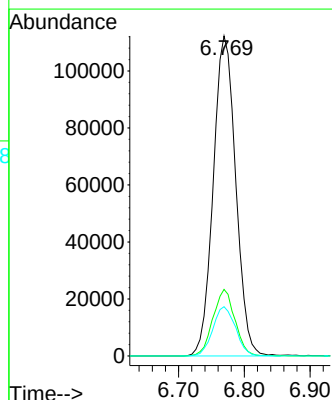
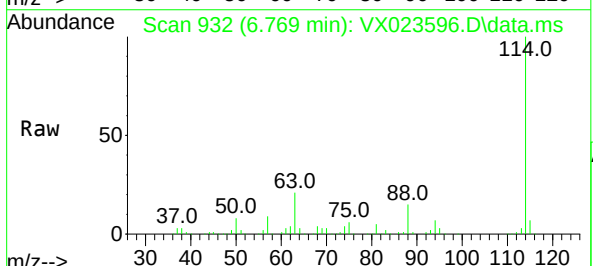
Tgt Ion: 114 Resp: 267162

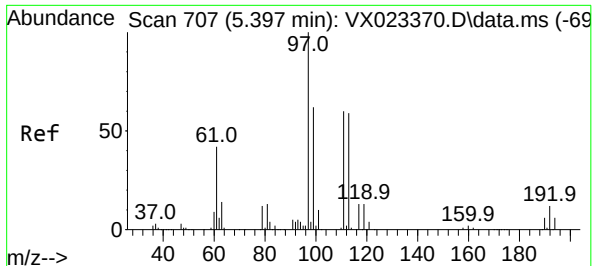
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.255 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023596.D

Acq: 06 Aug 2021 15:08

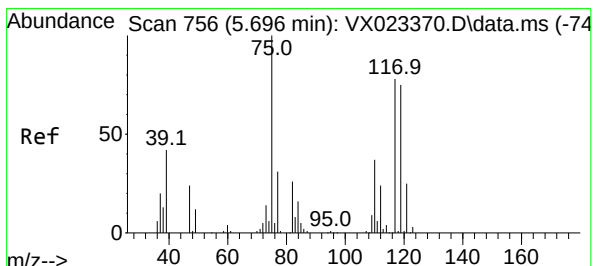
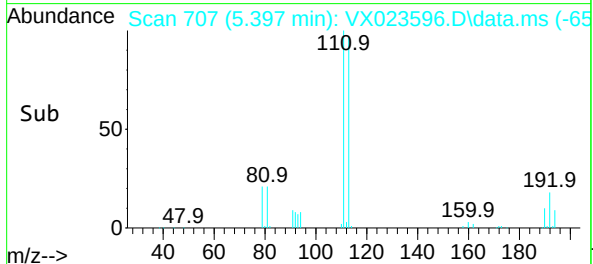
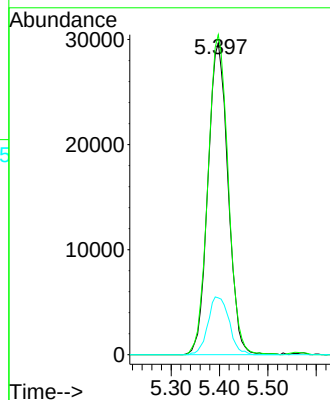
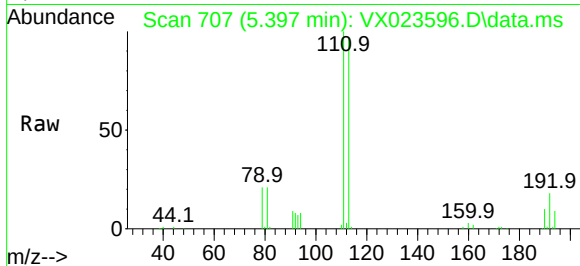
Tgt Ion:113 Resp: 85618

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.166 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023596.D

Acq: 06 Aug 2021 15:08

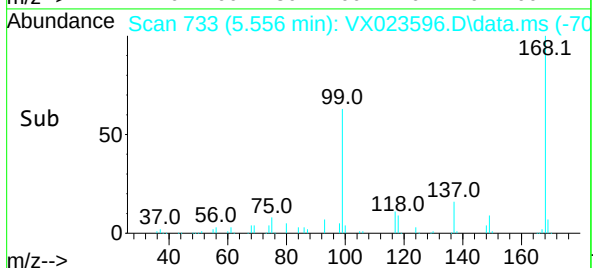
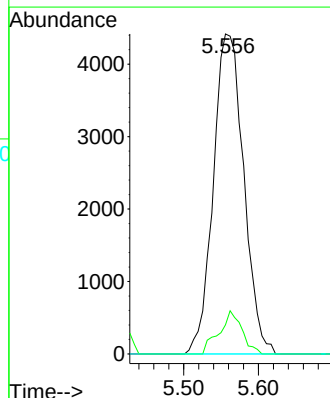
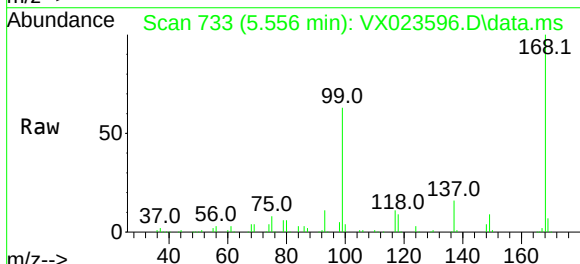
Tgt Ion: 75 Resp: 12484

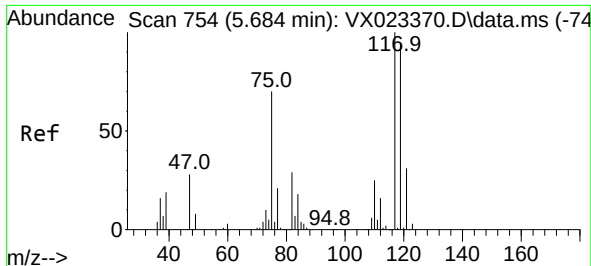
Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.4#

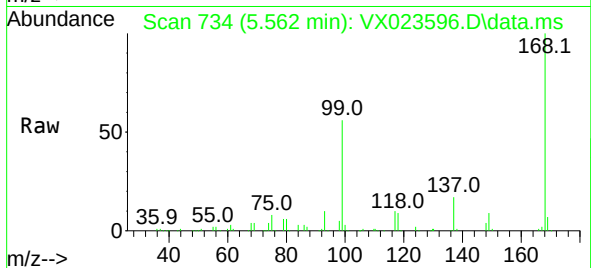
77 0.0 25.3 37.9#



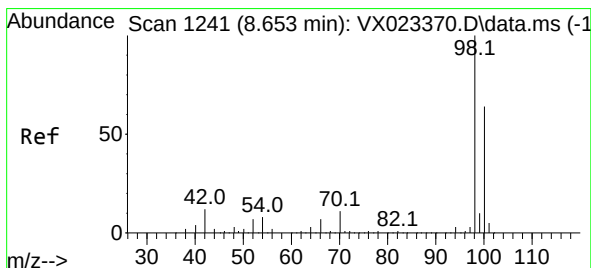
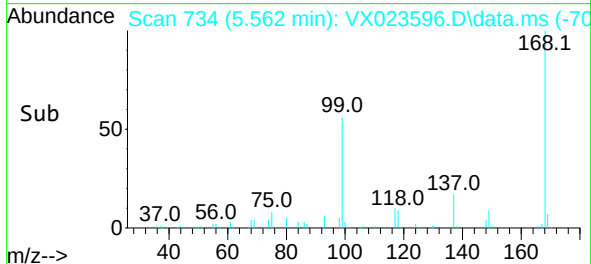
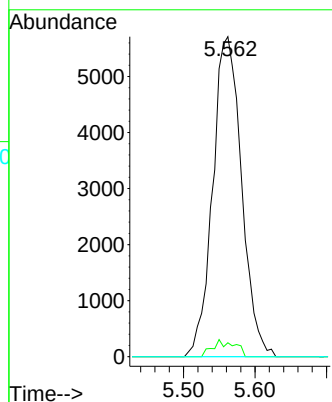


#38
Carbon Tetrachloride
Concen: 6.509 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Instrument :
MSVOA_X
ClientSampled :

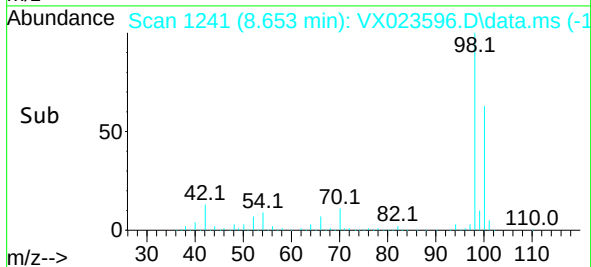
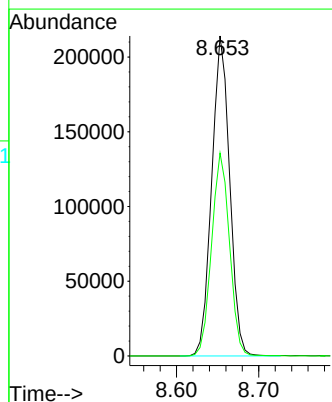
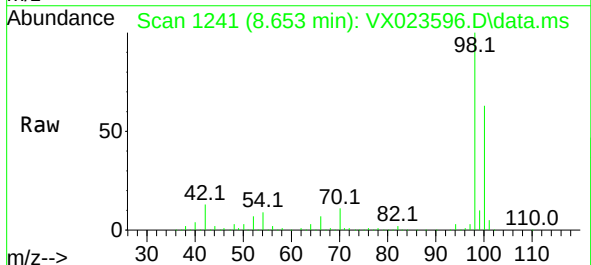


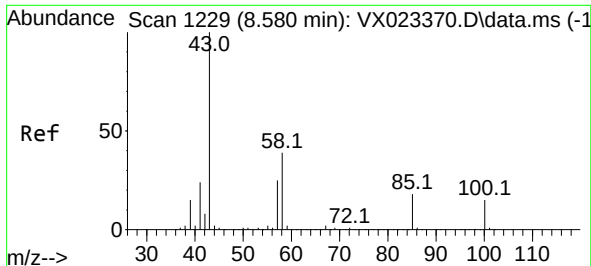
Tgt Ion:117 Resp: 15997
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.935 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Tgt Ion: 98 Resp: 324870
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

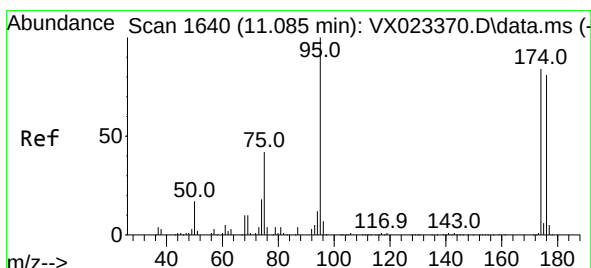
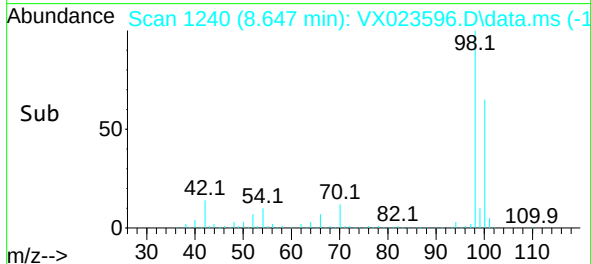
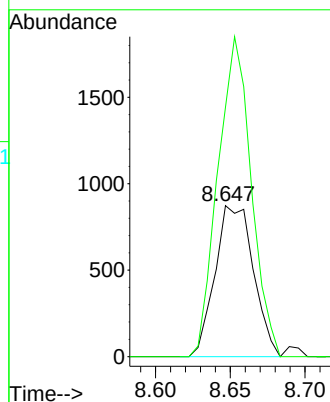
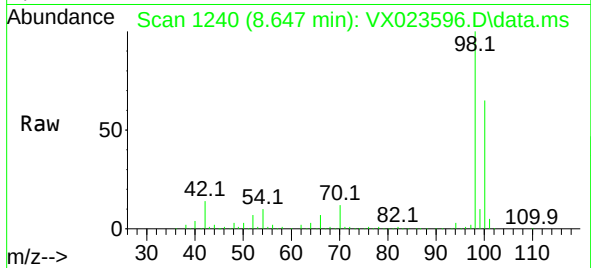




#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

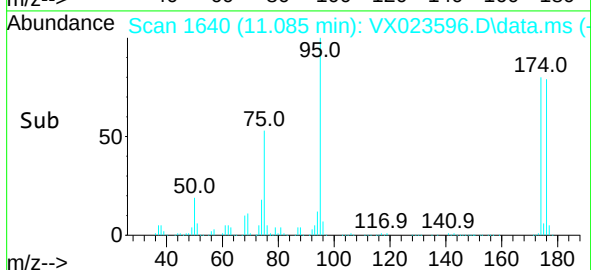
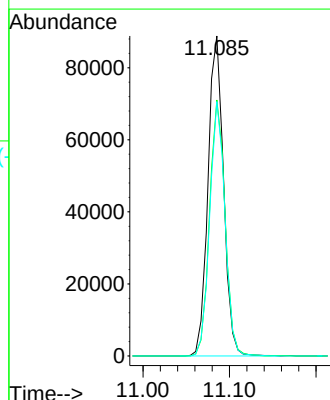
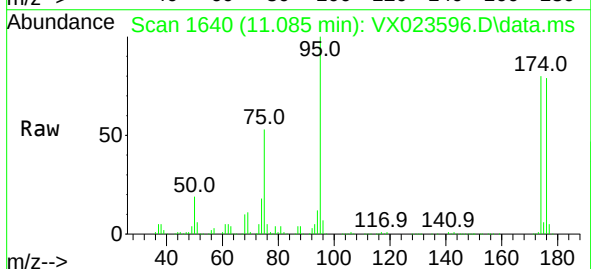
Instrument :
MSVOA_X
ClientSampled :

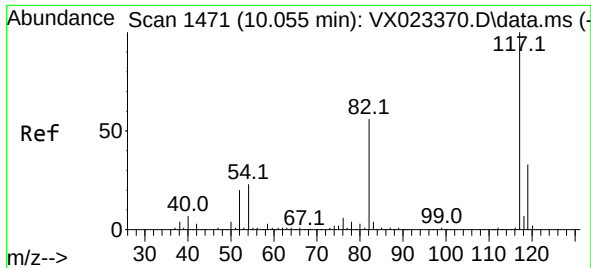
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
58 184.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 53.049 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Tgt Ion: 95 Resp: 110706
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 78.2 0.0 155.8

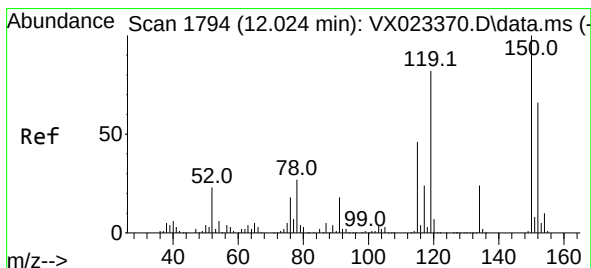
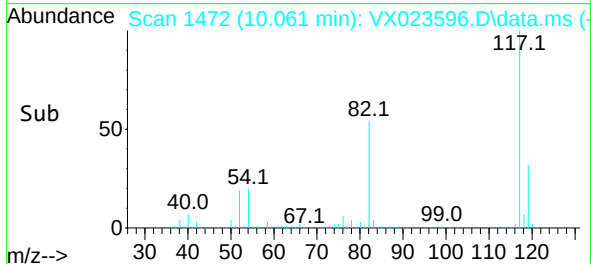
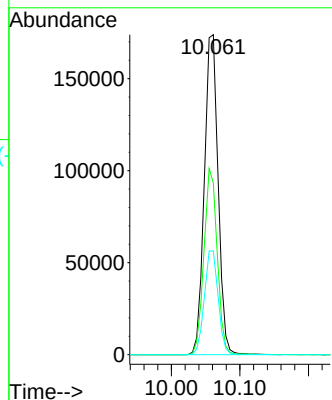
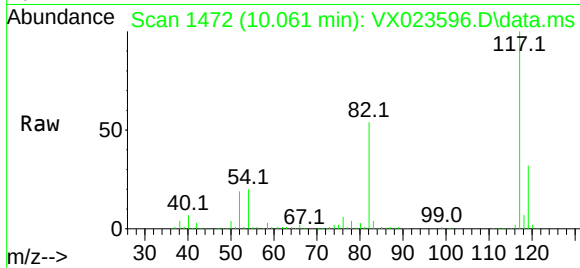




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

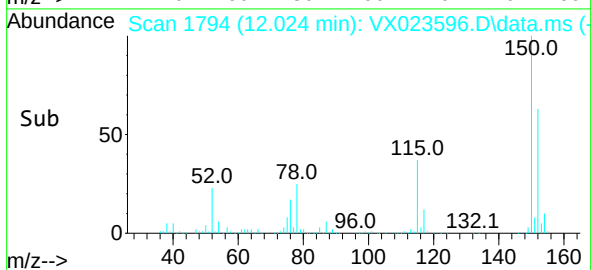
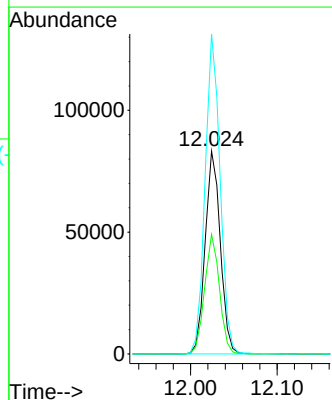
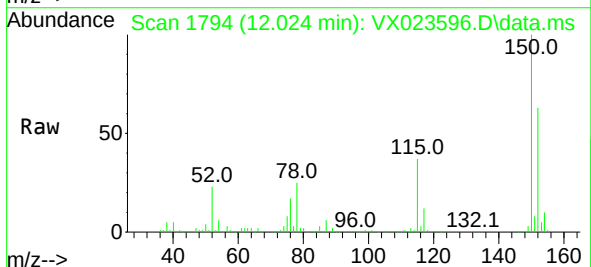
Instrument :
MSVOA_X
ClientSampled :

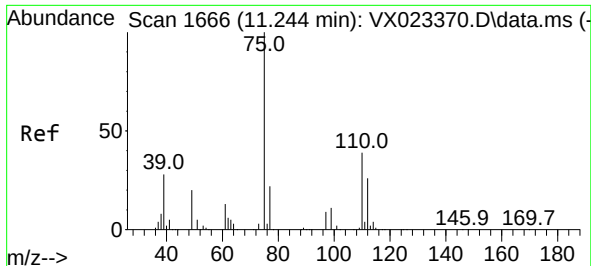
Tgt Ion:117 Resp: 244246
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Tgt Ion:152 Resp: 101215
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 155.9 0.0 349.0

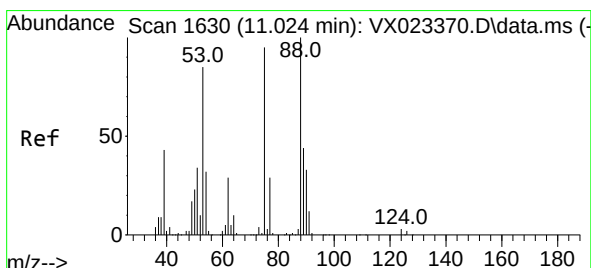
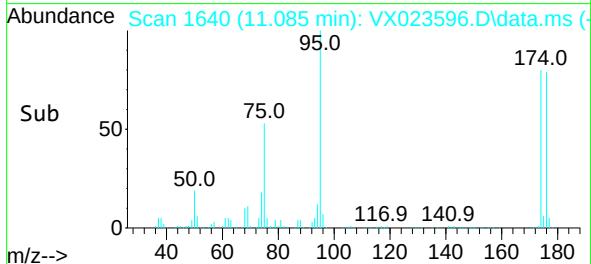
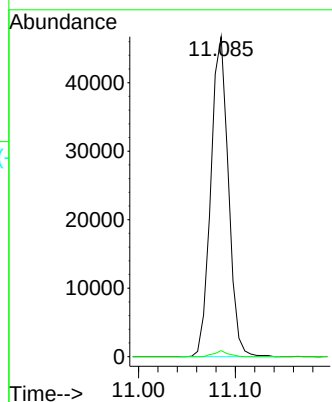
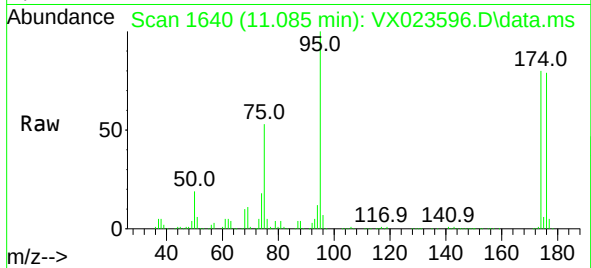




#76
1,2,3-Trichloropropane
Concen: 26.485 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 58990
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.215 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023596.D
Acq: 06 Aug 2021 15:08

Tgt Ion: 75 Resp: 58990
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

