

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022362.D
 Acq On : 03 Jun 2021 13:39
 Operator : JC/MD
 Sample : M2572-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20210528

Quant Time: Jun 04 03:50:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

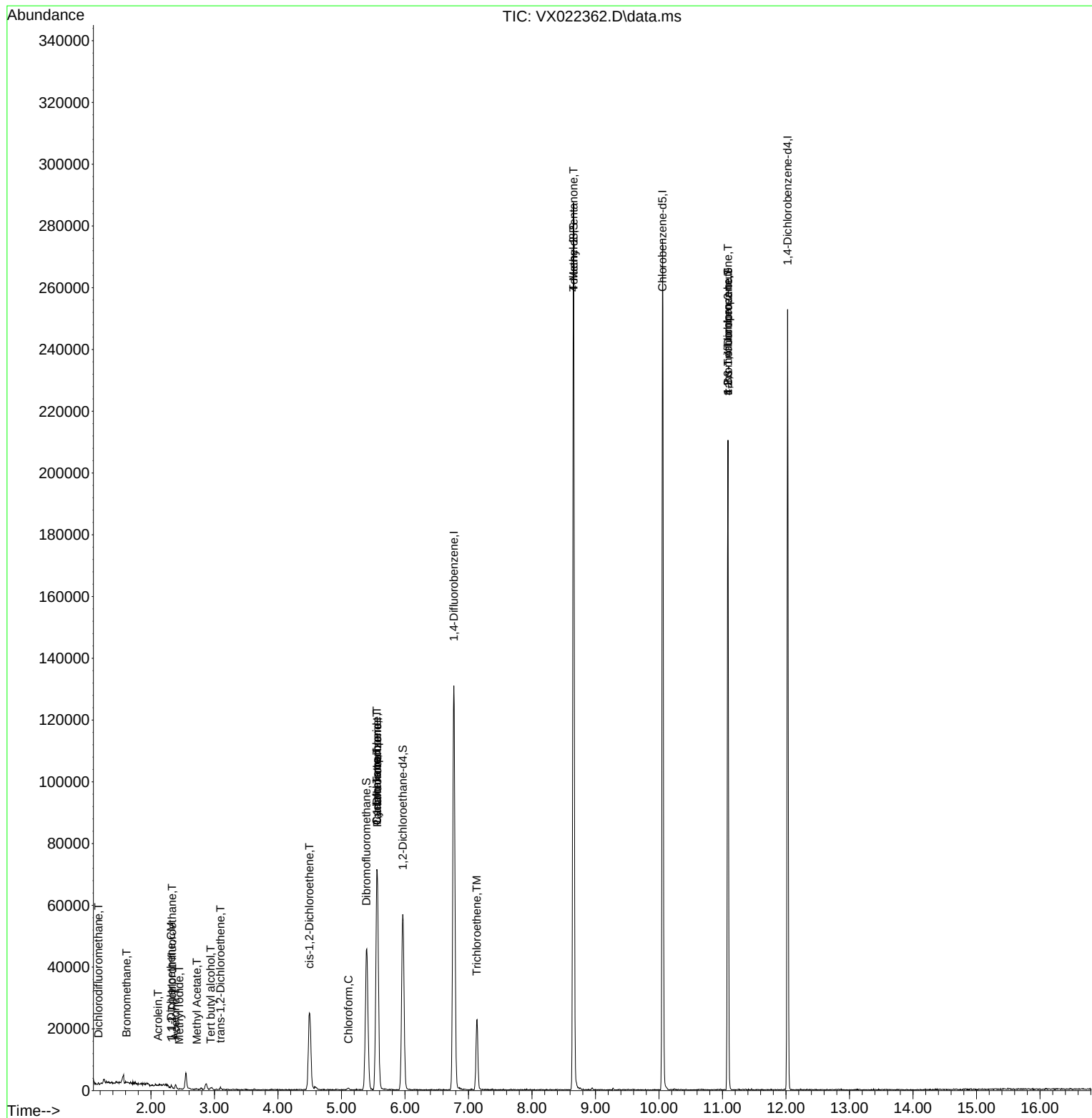
Internal Standards						
1) Pentafluorobenzene	5.562	168	61643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	132419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53164	55.91	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.82%
35) Dibromofluoromethane	5.391	113	39408	46.93	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.86%
50) Toluene-d8	8.653	98	163633	50.59	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.18%
62) 4-Bromofluorobenzene	11.086	95	56265	47.06	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.12%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	279	0.37	ug/l	75
5) Bromomethane	1.618	94	157	0.31	ug/l #	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	235	0.32	ug/l #	19
10) Methyl Iodide	2.447	142	204	0.26	ug/l #	42
11) Tert butyl alcohol	2.941	59	282	1.30	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	307	0.43	ug/l	89
13) Acrolein	2.111	56	45	0.31	ug/l #	51
16) Acetone	2.386	43	1702	4.11	ug/l #	78
18) Methyl Acetate	2.721	43	312	0.28	ug/l #	47
21) trans-1,2-Dichloroethene	3.093	96	217	0.28	ug/l #	69
27) cis-1,2-Dichloroethene	4.495	96	15555	16.64	ug/l	92
30) Chloroform	5.111	83	562	0.37	ug/l #	77
31) Cyclohexane	5.556	56	1711	1.43	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	6006	4.90	ug/l #	46
38) Carbon Tetrachloride	5.556	117	7254	6.06	ug/l #	16
44) Trichloroethene	7.129	130	7867	8.40	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	957	0.65	ug/l #	1
76) 1,2,3-Trichloropropane	11.086	75	30121	27.18	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	30121	64.39	ug/l #	12

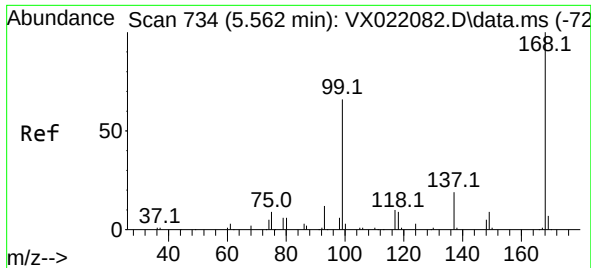
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

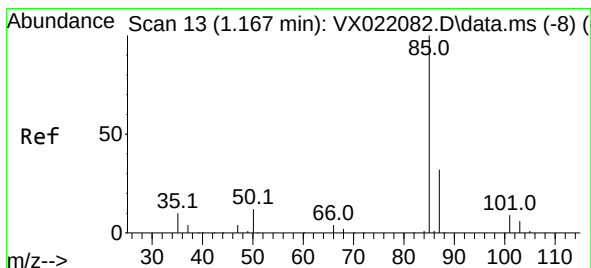
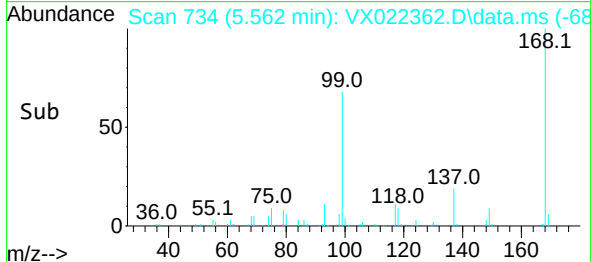
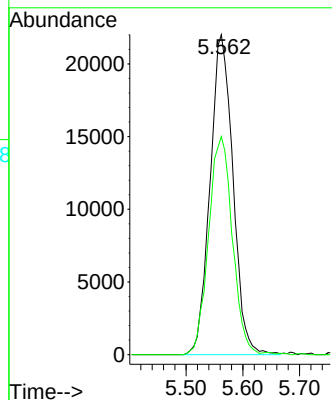
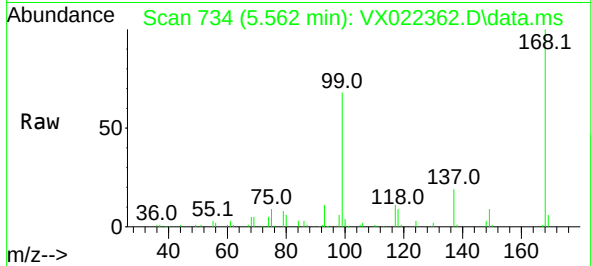




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

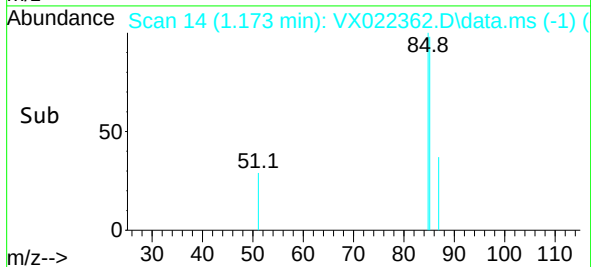
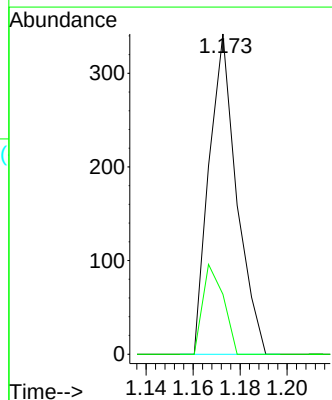
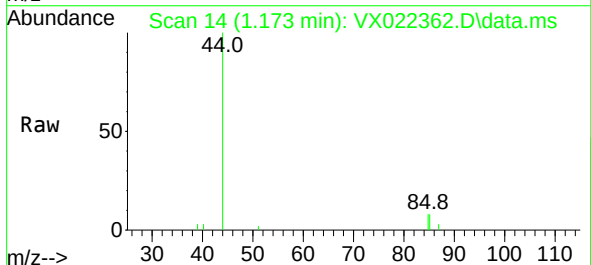
Instrument :
MSVOA_X
ClientSampleId :
22BR-20210528

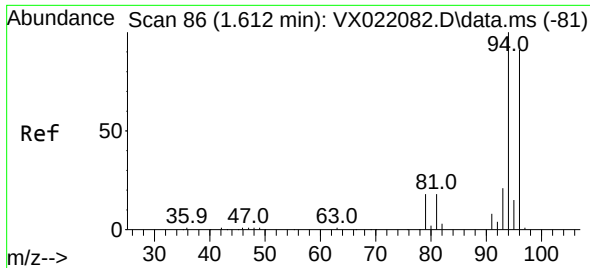
Tgt Ion:168 Resp: 61643
Ion Ratio Lower Upper
168 100
99 68.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.37 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

Tgt Ion: 85 Resp: 279
Ion Ratio Lower Upper
85 100
87 18.7 16.4 49.2

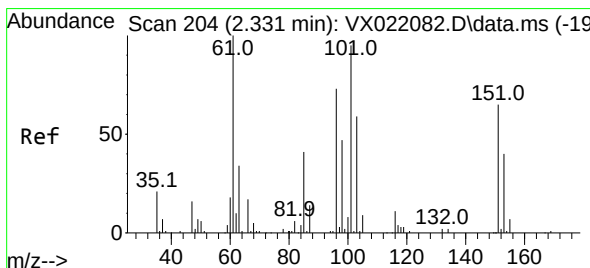
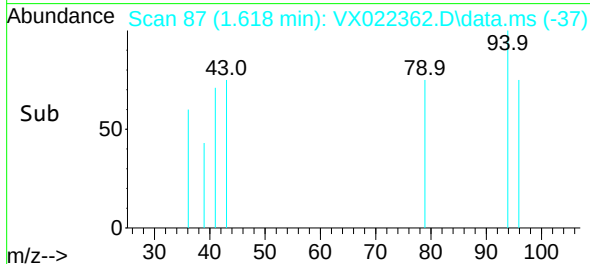
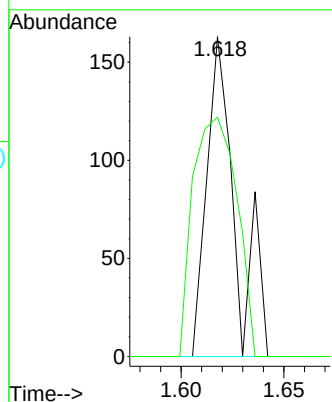
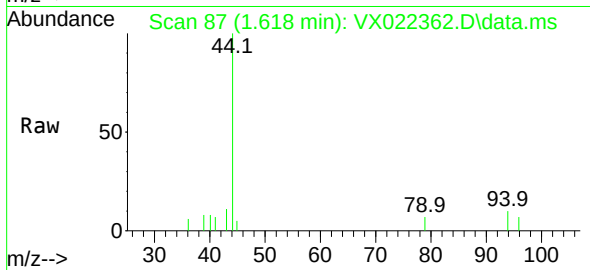




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

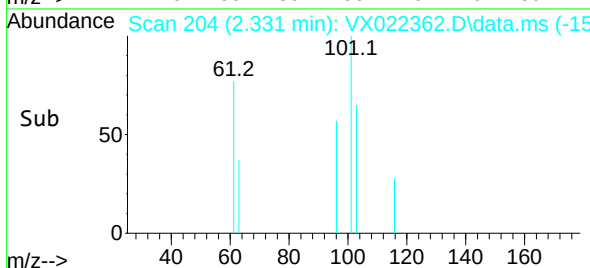
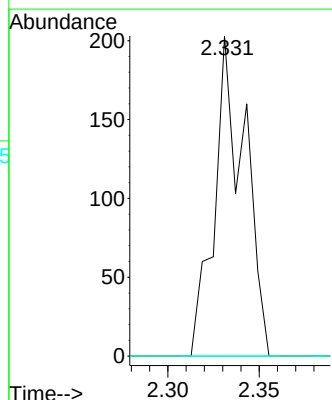
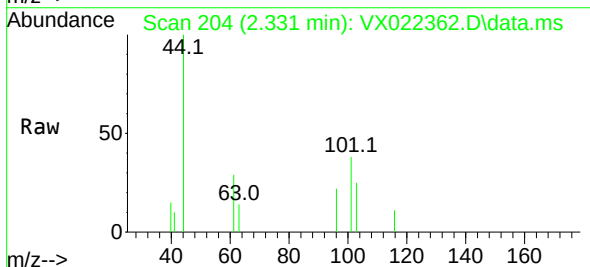
Instrument :
MSVOA_X
ClientSampleId :
22BR-20210528

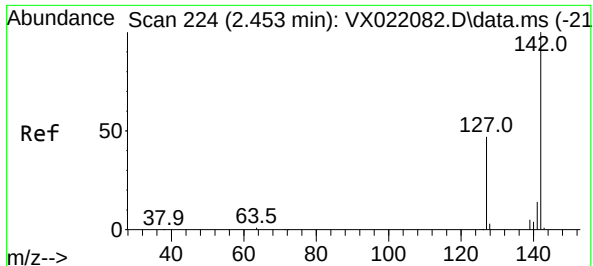
Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 74.8 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.32 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

Tgt Ion: 101 Resp: 235
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 61.4 92.2#

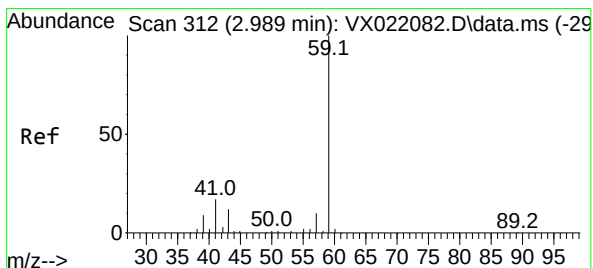
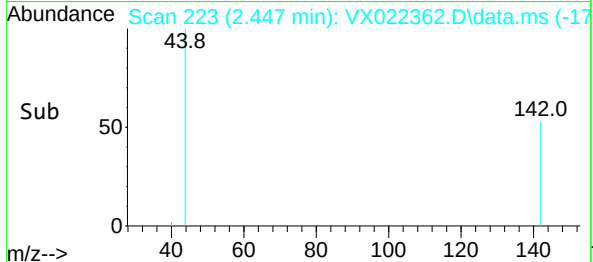
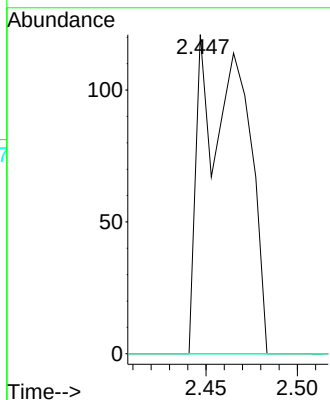
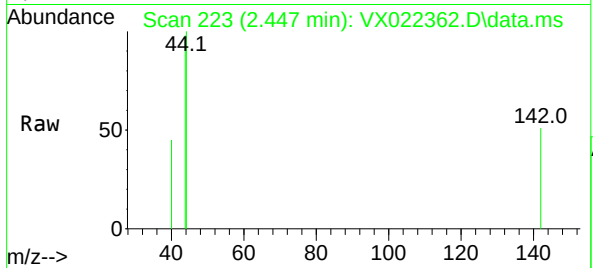




#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

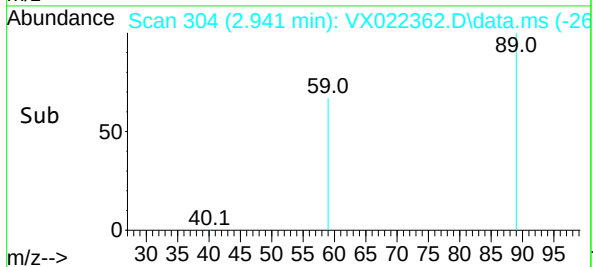
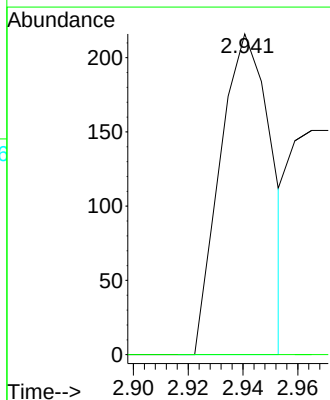
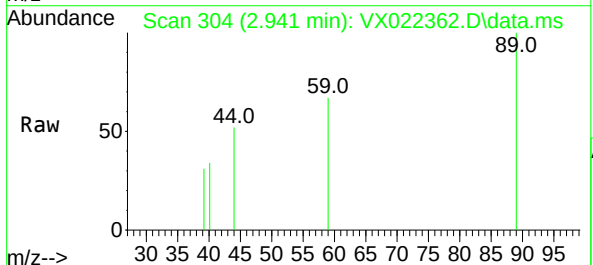
Instrument :
MSVOA_X
ClientSampleId :
22BR-20210528

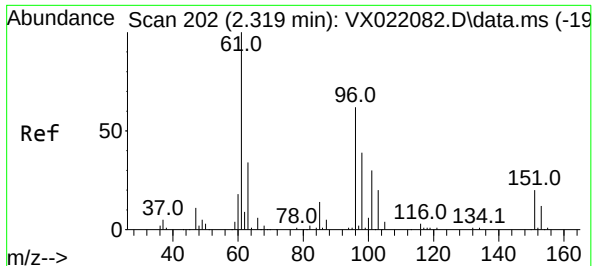
Tgt Ion:142 Resp: 204
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.30 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.43 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX022362.D

Acq: 03 Jun 2021 13:39

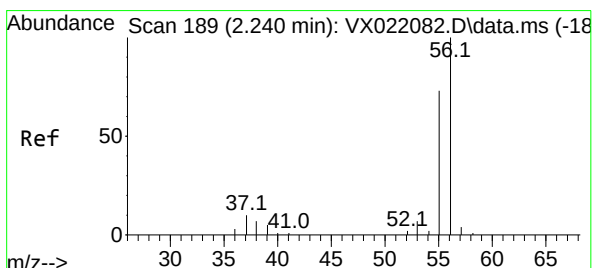
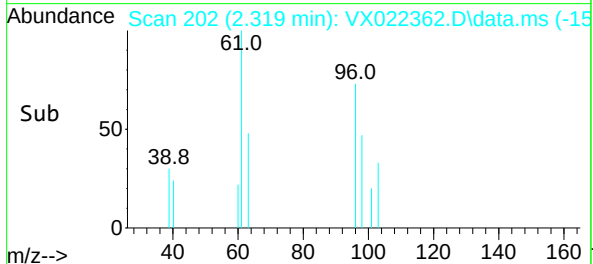
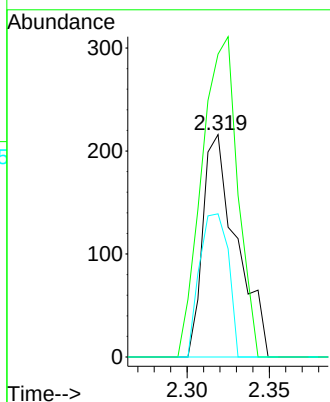
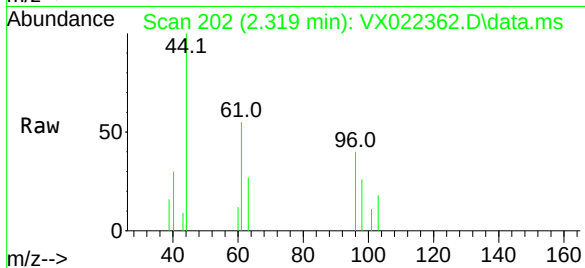
Tgt Ion: 96 Resp: 307

Ion Ratio Lower Upper

96 100

61 136.1 124.6 187.0

98 64.4 50.6 76.0



#13

Acrolein

Concen: 0.31 ug/l

RT: 2.111 min Scan# 168

Delta R.T. -0.129 min

Lab File: VX022362.D

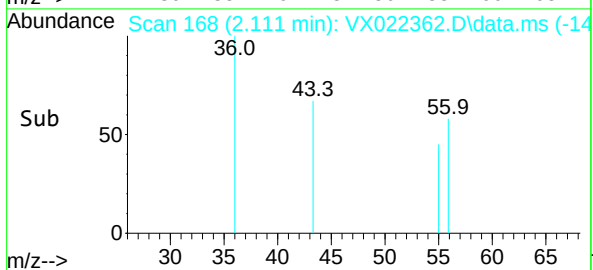
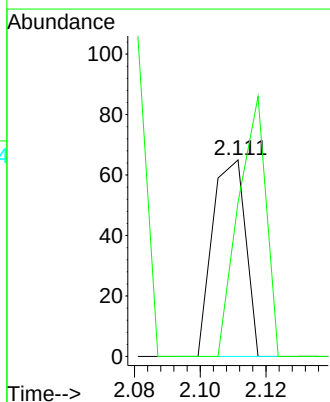
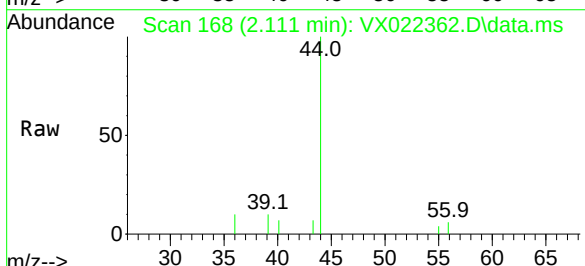
Acq: 03 Jun 2021 13:39

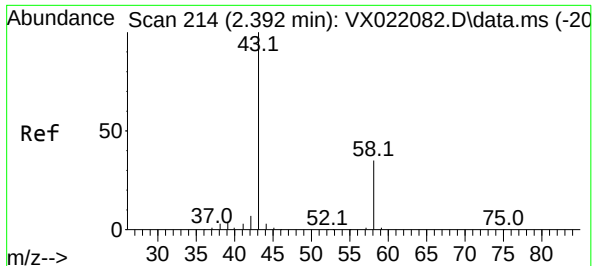
Tgt Ion: 56 Resp: 45

Ion Ratio Lower Upper

56 100

55 111.1 56.4 84.6#

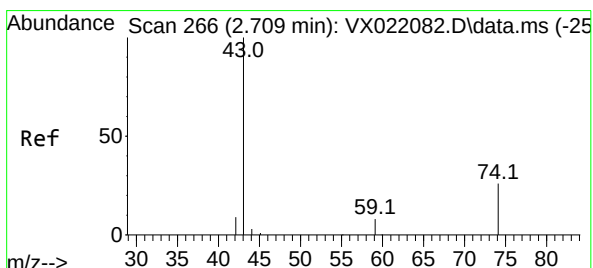
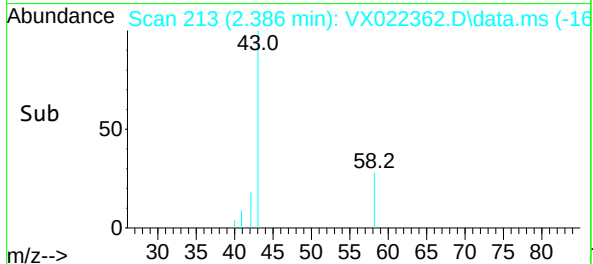
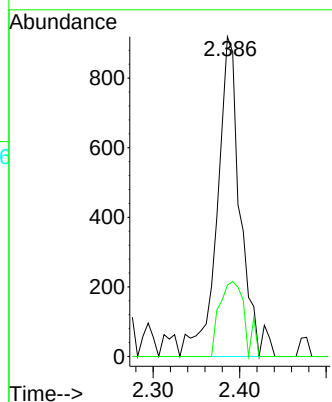
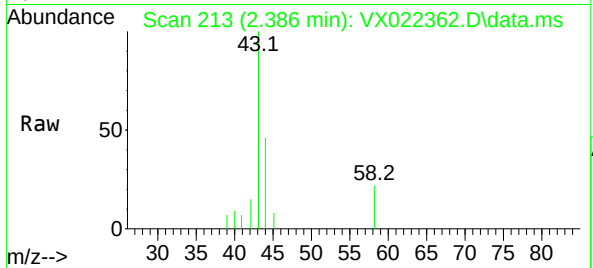




#16
Acetone
Concen: 4.11 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

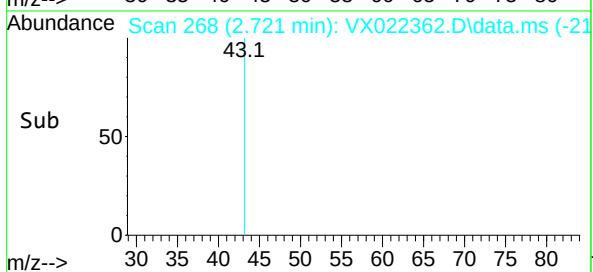
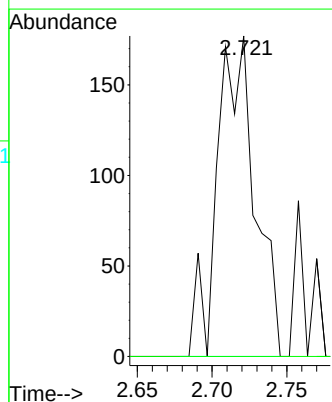
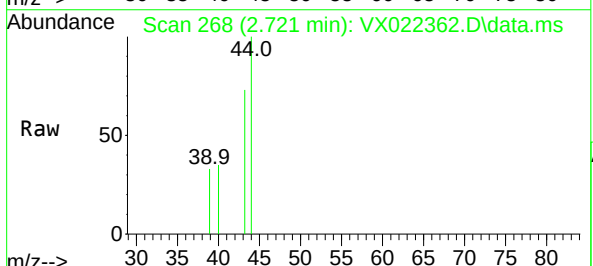
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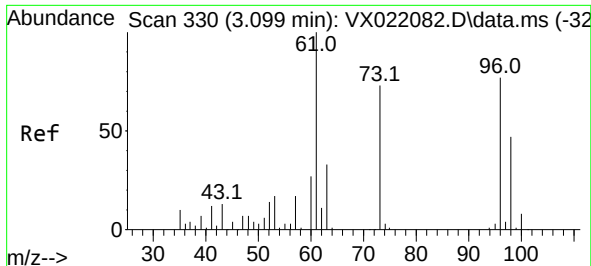
Tgt Ion: 43 Resp: 1702
Ion Ratio Lower Upper
43 100
58 22.3 27.8 41.8#



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

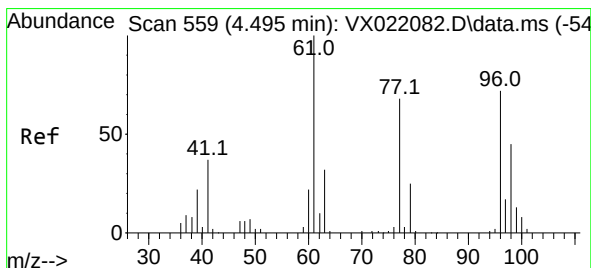
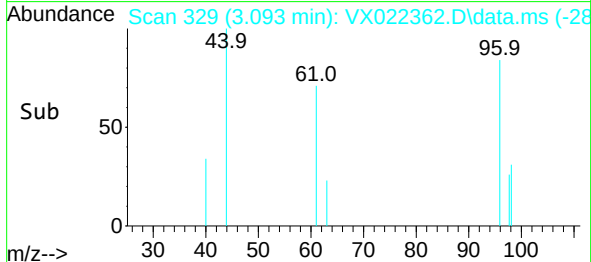
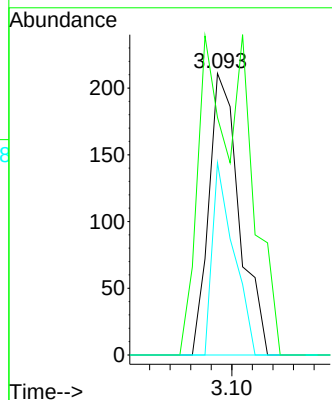
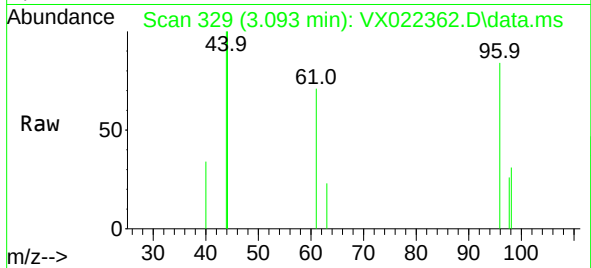




#21
trans-1,2-Dichloroethene
Concen: 0.28 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

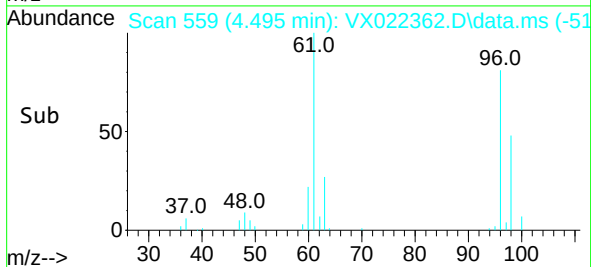
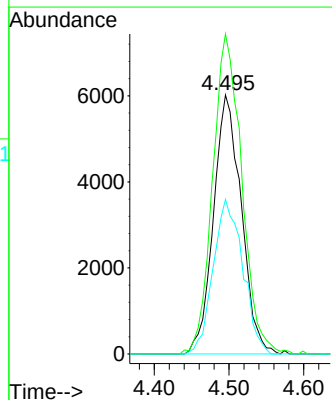
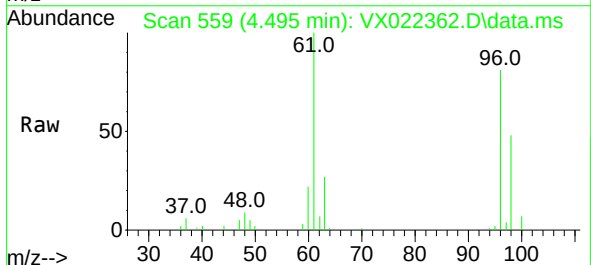
Instrument :
MSVOA_X
ClientSampleId :
22BR-20210528

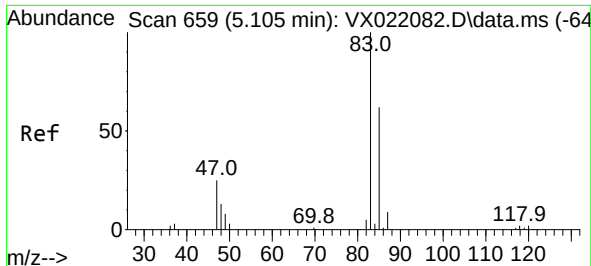
Tgt Ion: 96 Resp: 217
Ion Ratio Lower Upper
96 100
61 84.4 107.7 161.5#
98 68.2 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 16.64 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

Tgt Ion: 96 Resp: 15555
Ion Ratio Lower Upper
96 100
61 129.3 0.0 285.6
98 63.5 0.0 129.6





#30

Chloroform

Concen: 0.37 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX022362.D

Acq: 03 Jun 2021 13:39

Tgt Ion: 83 Resp: 562

Ion Ratio Lower Upper

83 100

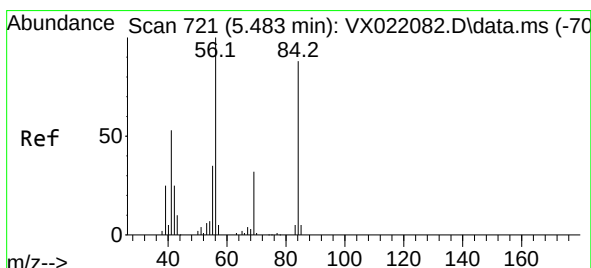
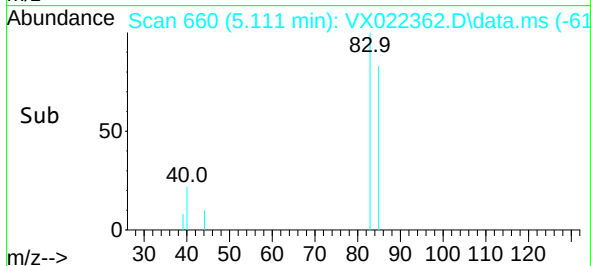
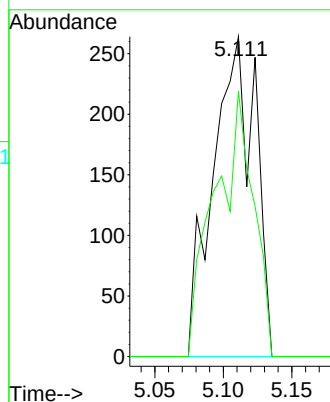
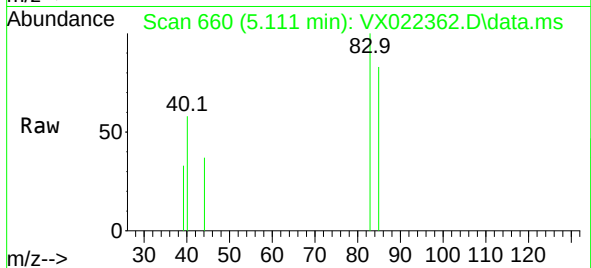
85 83.0 52.0 78.0#

Instrument :

MSVOA_X

ClientSampleId :

22BR-20210528



#31

Cyclohexane

Concen: 1.43 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.073 min

Lab File: VX022362.D

Acq: 03 Jun 2021 13:39

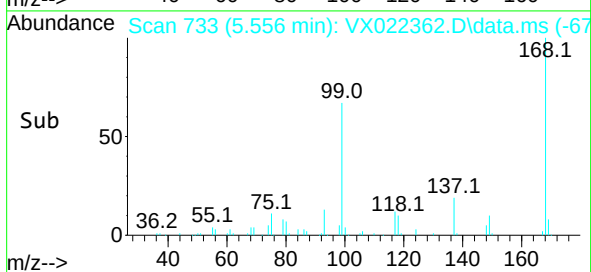
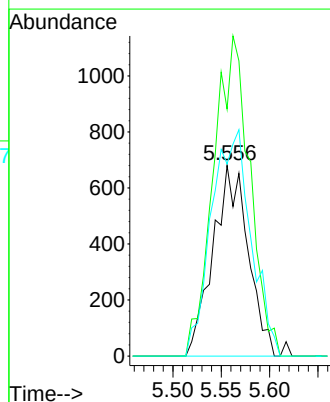
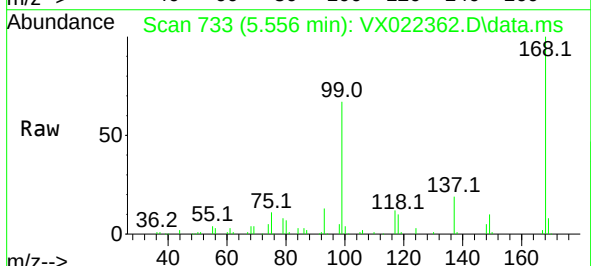
Tgt Ion: 56 Resp: 1711

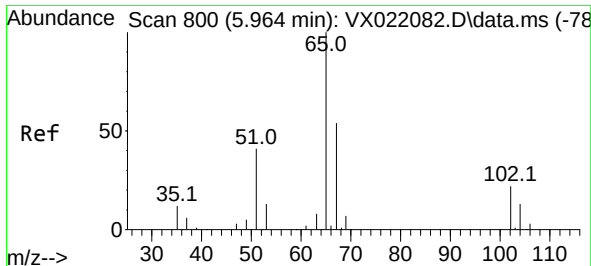
Ion Ratio Lower Upper

56 100

69 129.5 25.3 37.9#

84 100.7 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 55.91 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022362.D

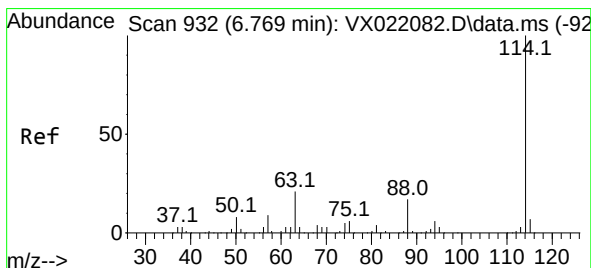
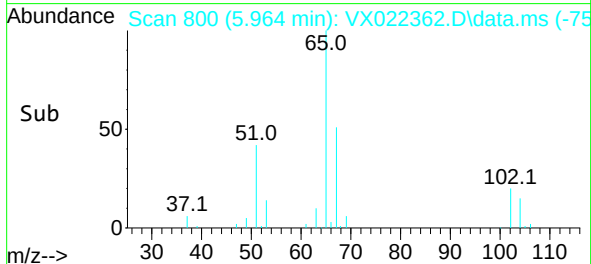
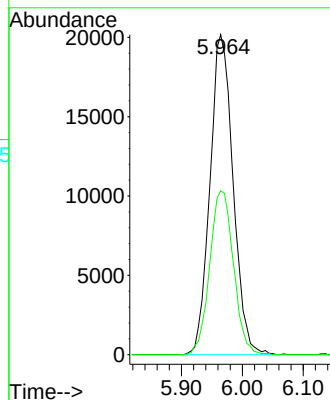
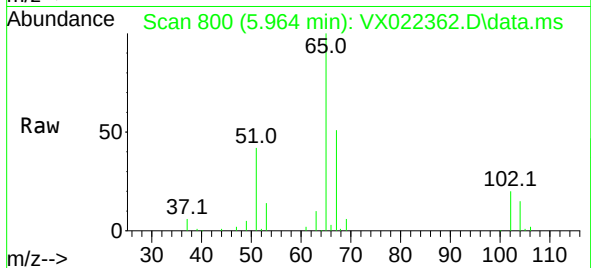
Acq: 03 Jun 2021 13:39

Tgt Ion: 65 Resp: 53164

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022362.D

Acq: 03 Jun 2021 13:39

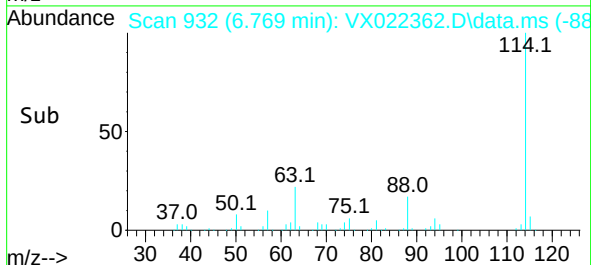
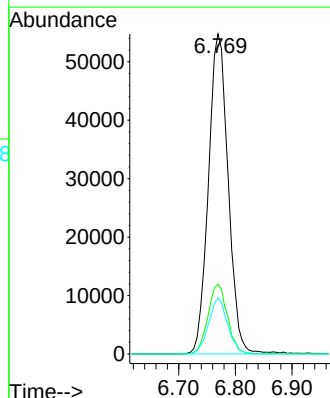
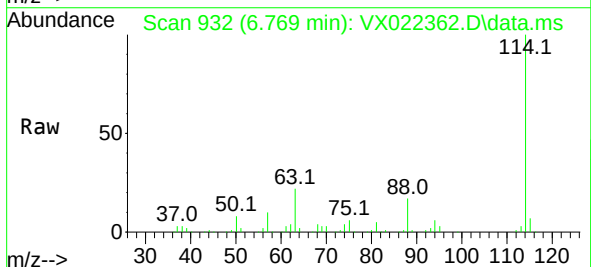
Tgt Ion: 114 Resp: 132419

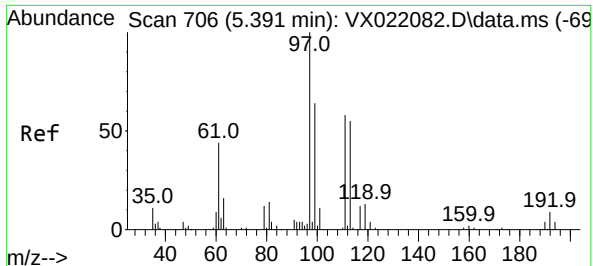
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 17.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.93 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022362.D

Acq: 03 Jun 2021 13:39

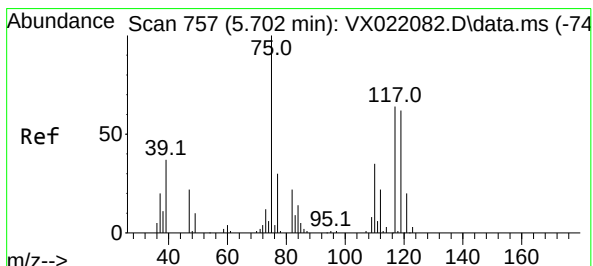
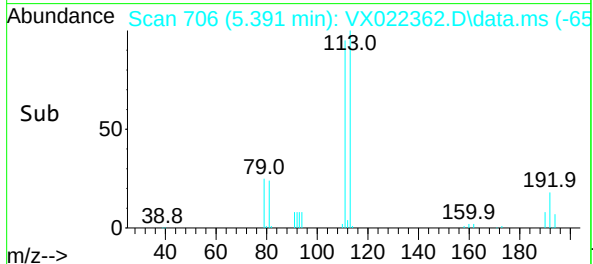
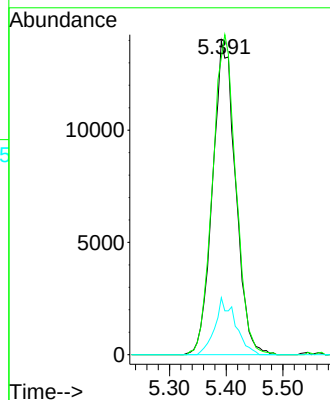
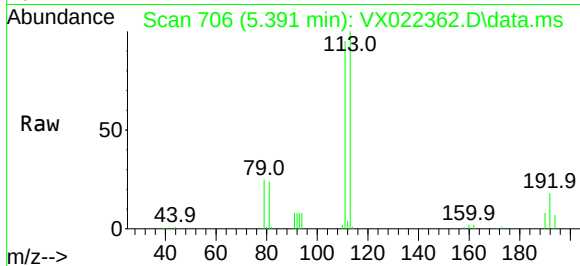
Tgt Ion:113 Resp: 39408

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 16.0 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.90 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022362.D

Acq: 03 Jun 2021 13:39

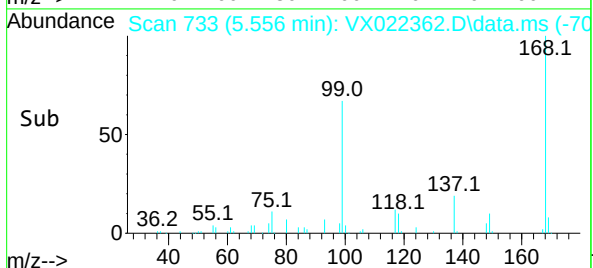
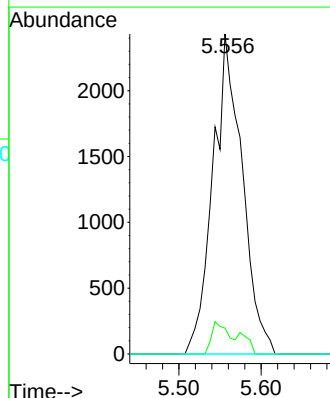
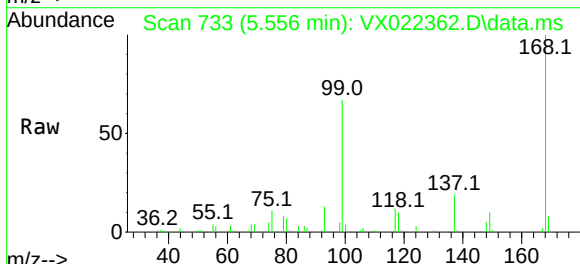
Tgt Ion: 75 Resp: 6006

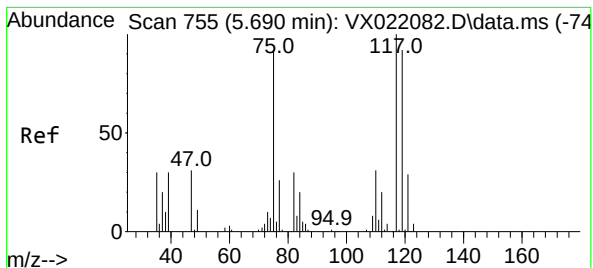
Ion Ratio Lower Upper

75 100

110 5.9 18.1 54.4#

77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.06 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX022362.D

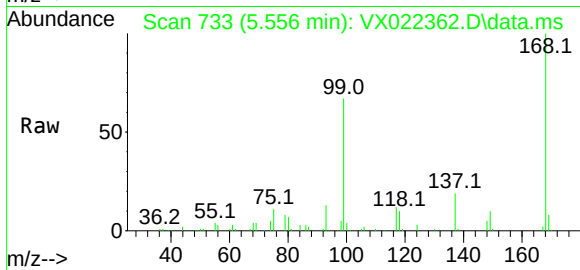
Acq: 03 Jun 2021 13:39

Instrument :

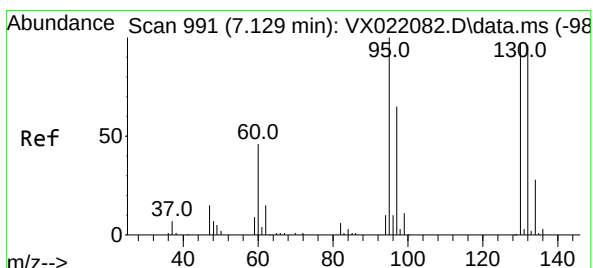
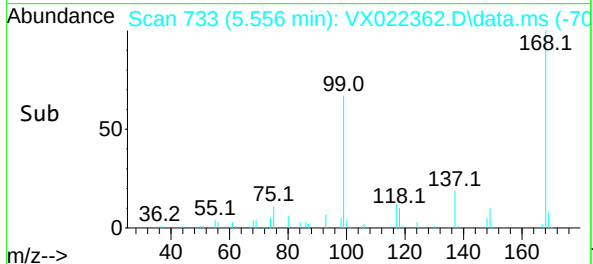
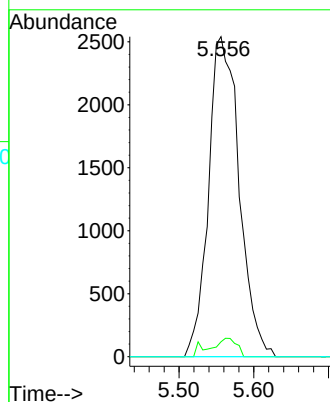
MSVOA_X

ClientSampleId :

22BR-20210528



Tgt Ion:	117	Resp:	7254
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#



#44

Trichloroethene

Concen: 8.40 ug/l

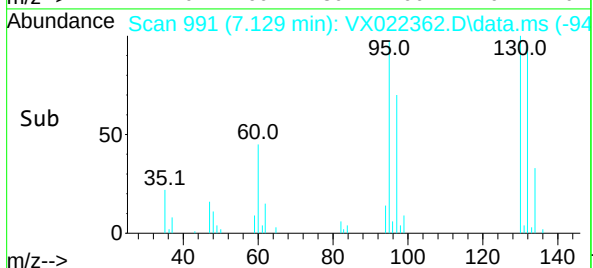
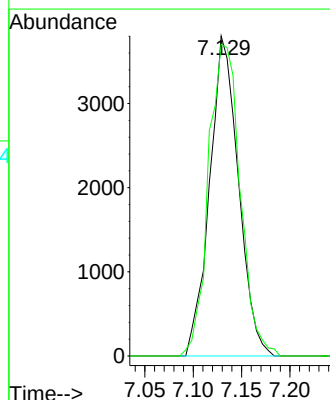
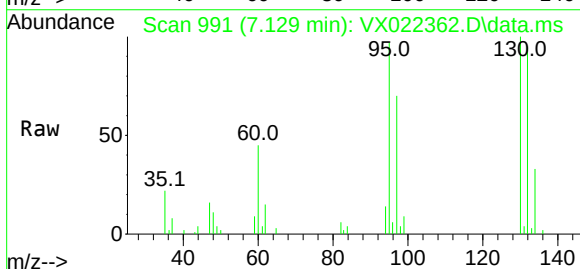
RT: 7.129 min Scan# 991

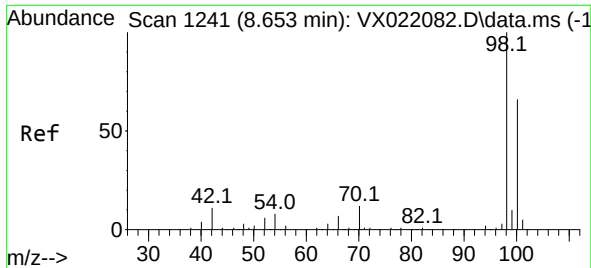
Delta R.T. -0.000 min

Lab File: VX022362.D

Acq: 03 Jun 2021 13:39

Tgt Ion:	130	Resp:	7867
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	198.0

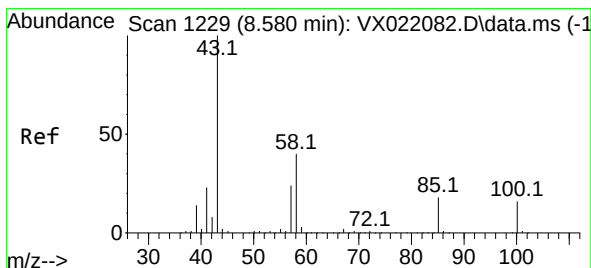
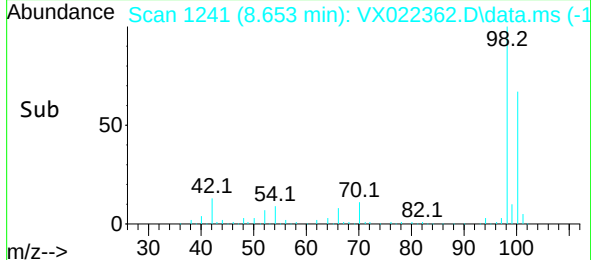
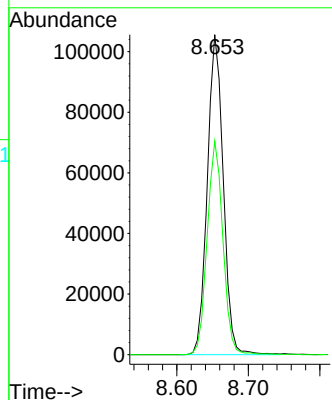
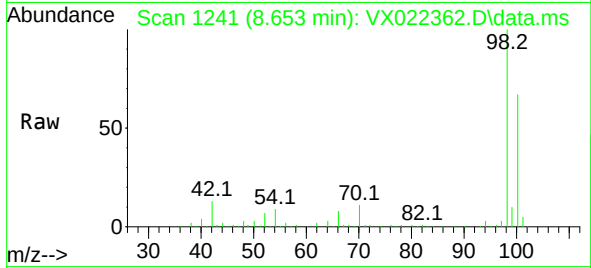




#50
Toluene-d8
Concen: 50.59 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

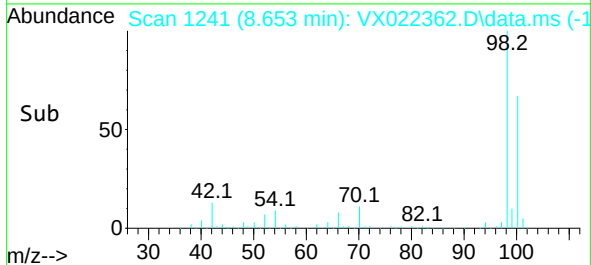
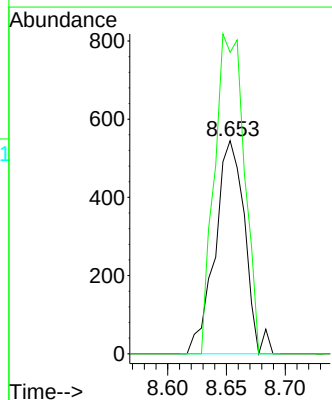
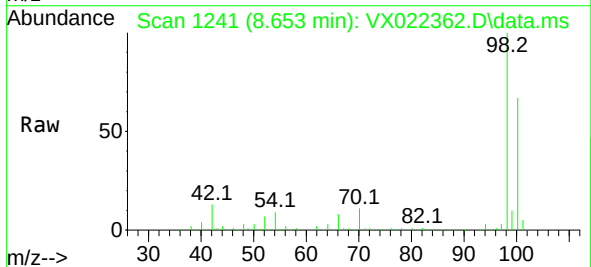
Instrument :
MSVOA_X
ClientSampleId :
22BR-20210528

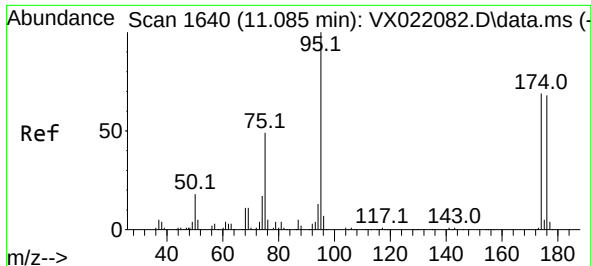
Tgt Ion: 98 Resp: 163633
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

Tgt Ion: 43 Resp: 957
Ion Ratio Lower Upper
43 100
58 150.1 35.4 53.0#

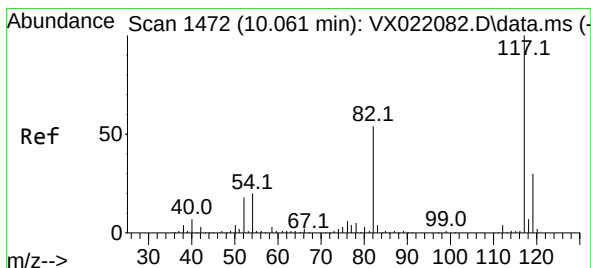
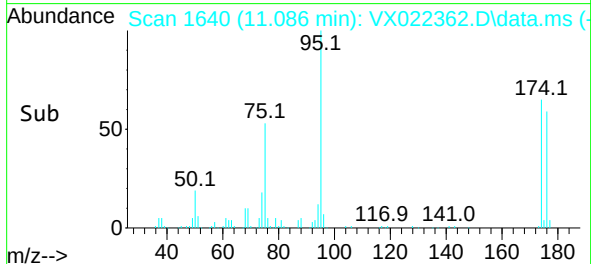
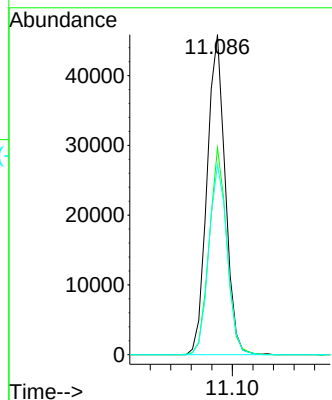
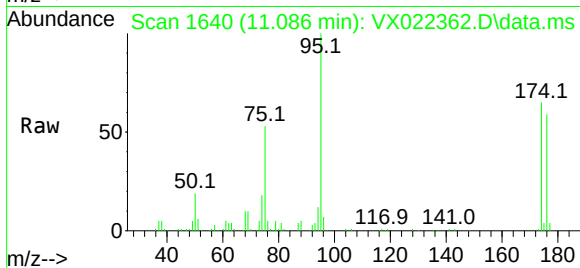




#62
4-Bromofluorobenzene
Concen: 47.06 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

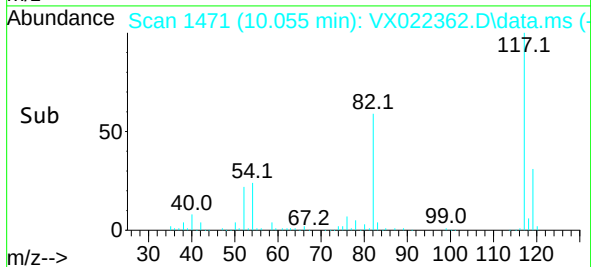
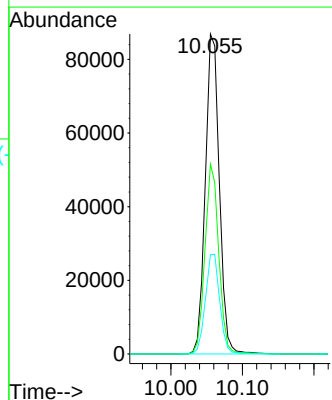
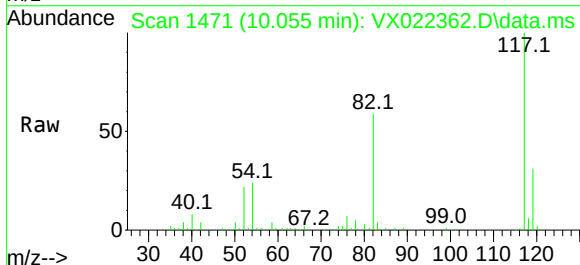
Instrument :
MSVOA_X
ClientSampleId :
22BR-20210528

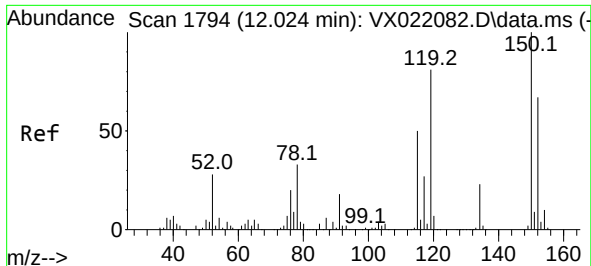
Tgt Ion: 95 Resp: 56265
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 60.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022362.D
Acq: 03 Jun 2021 13:39

Tgt Ion: 117 Resp: 118485
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.0 26.6 39.8

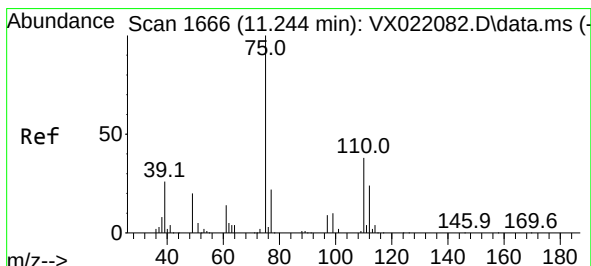
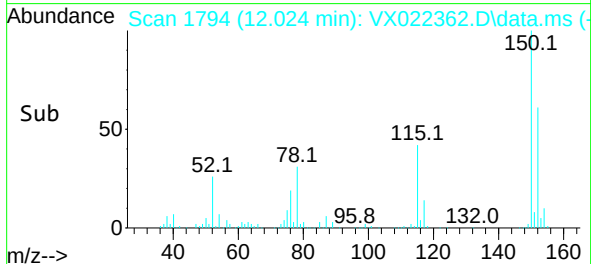
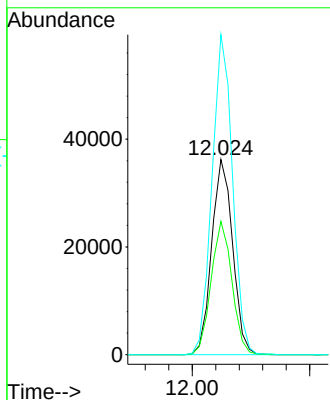
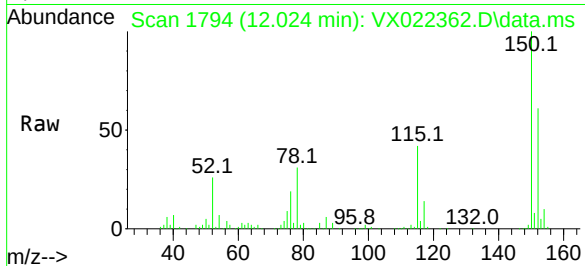




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022362.D
 Acq: 03 Jun 2021 13:39

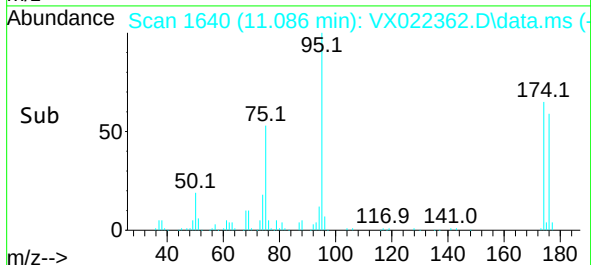
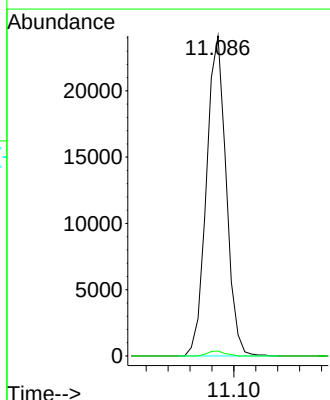
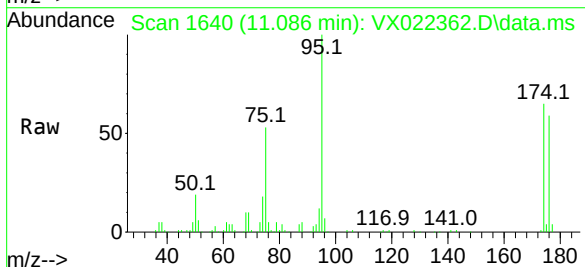
Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20210528

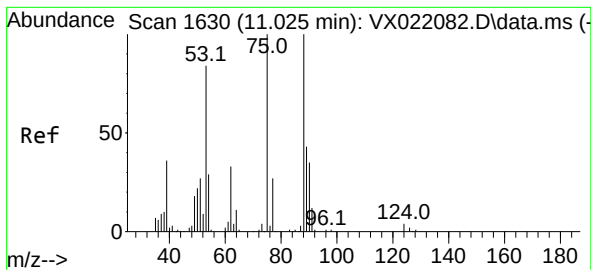
Tgt Ion:152 Resp: 44926
 Ion Ratio Lower Upper
 152 100
 115 67.9 41.1 123.3
 150 160.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.18 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022362.D
 Acq: 03 Jun 2021 13:39

Tgt Ion: 75 Resp: 30121
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.39 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022362.D
 Acq: 03 Jun 2021 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20210528

Tgt Ion: 75 Resp: 30121
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

