

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022321.D
 Acq On : 02 Jun 2021 03:58
 Operator : JC/MD
 Sample : M2572-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20210528

Quant Time: Jun 02 05:35:01 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)

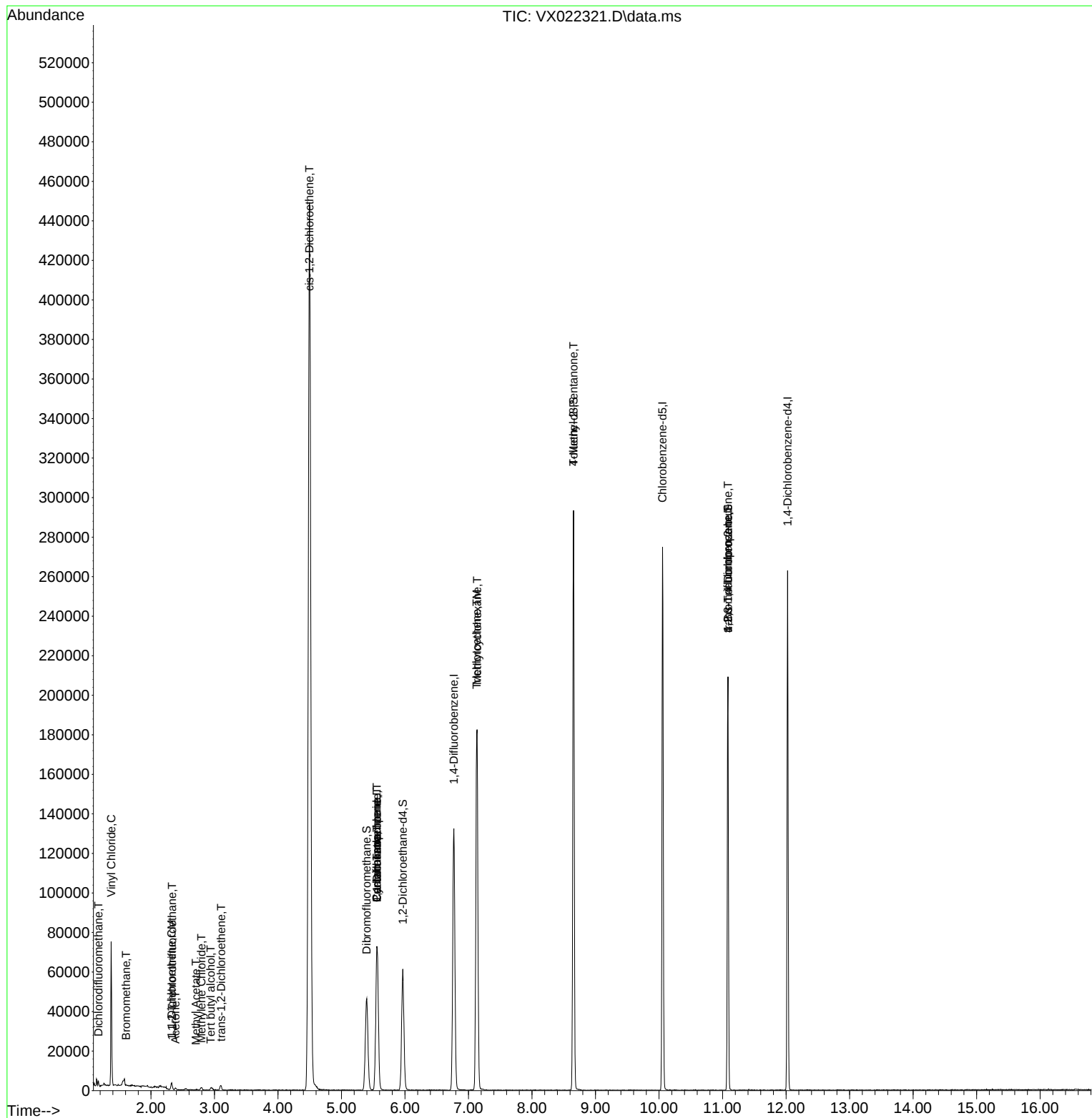
Internal Standards						
1) Pentafluorobenzene	5.556	168	64734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	133662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53904	53.98	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.96%			
35) Dibromofluoromethane	5.397	113	41112	48.50	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.00%			
50) Toluene-d8	8.653	98	165366	50.65	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.30%			
62) 4-Bromofluorobenzene	11.085	95	58744	48.68	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.36%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	1454	1.85	ug/l	97
4) Vinyl Chloride	1.374	62	39982	44.51	ug/l	100
5) Bromomethane	1.605	94	188	0.36	ug/l #	29
9) 1,1,2-Trichlorotrifluo...	2.331	101	645	0.84	ug/l #	87
11) Tert butyl alcohol	2.941	59	751	3.29	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	757	1.02	ug/l	93
16) Acetone	2.386	43	1039	2.39	ug/l	98
18) Methyl Acetate	2.709	43	282	0.24	ug/l #	47
20) Methylene Chloride	2.794	84	699	0.72	ug/l #	90
21) trans-1,2-Dichloroethene	3.105	96	930	1.15	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	270589	275.71	ug/l	90
31) Cyclohexane	5.556	56	1705	1.36	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6333	5.12	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7113	5.88	ug/l #	16
39) Methylcyclohexane	7.135	83	896	0.64	ug/l #	1
44) Trichloroethene	7.129	130	67212	71.12	ug/l	91
51) 4-Methyl-2-Pentanone	8.653	43	844	0.57	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	30898	26.66	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30898	63.17	ug/l #	12

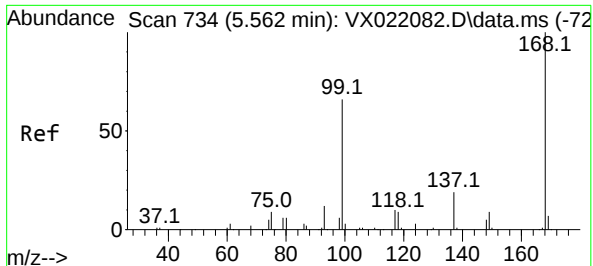
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 02 05:35:01 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

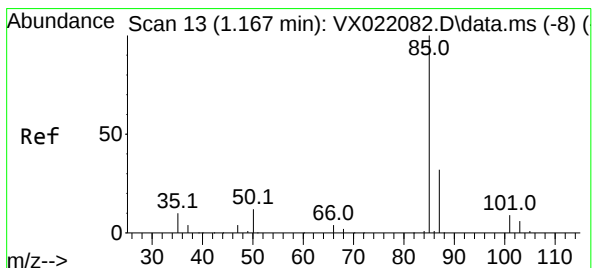
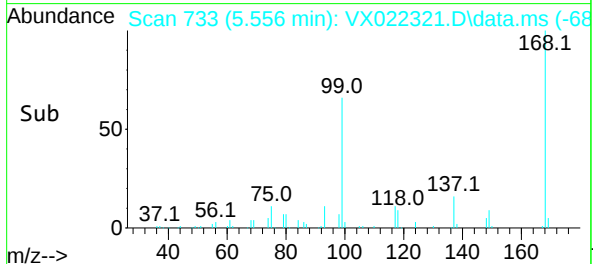
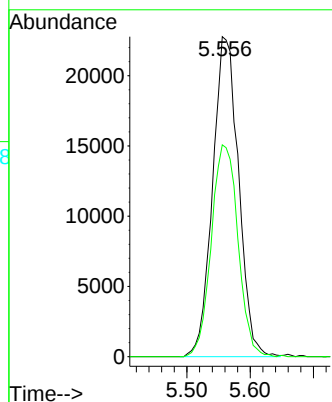
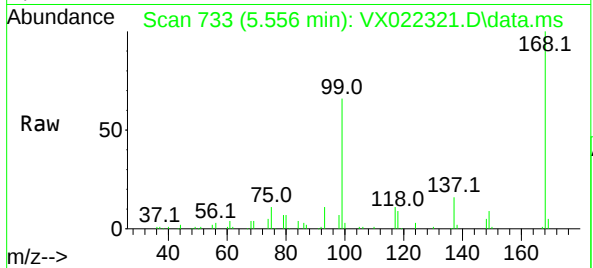




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

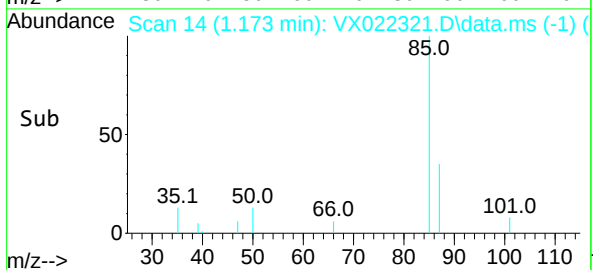
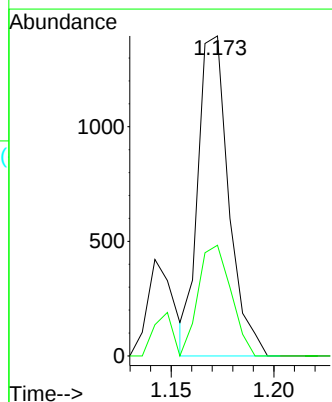
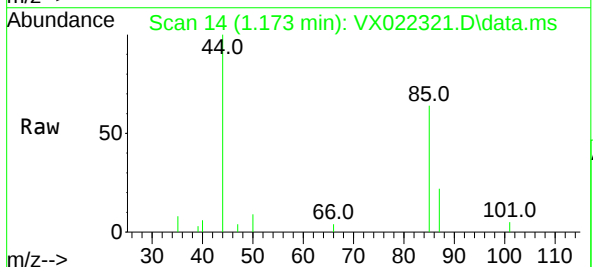
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528

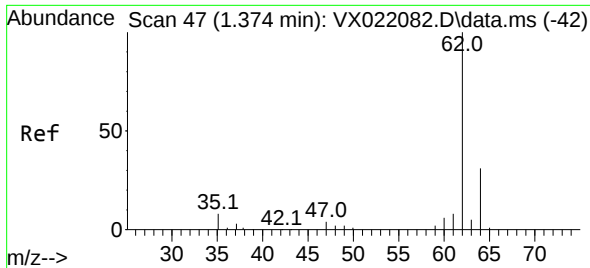
Tgt Ion:168 Resp: 64734
Ion Ratio Lower Upper
168 100
99 66.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.85 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Tgt Ion: 85 Resp: 1454
Ion Ratio Lower Upper
85 100
87 34.6 16.4 49.2

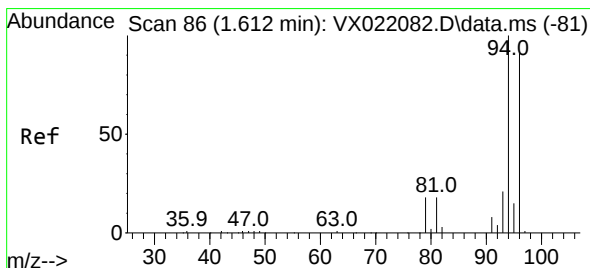
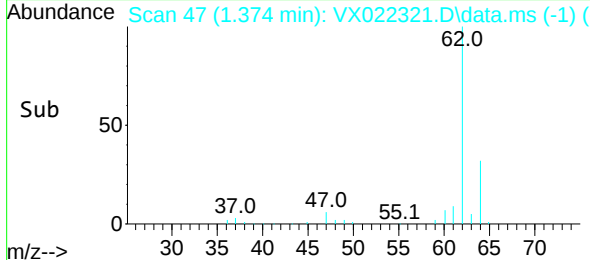
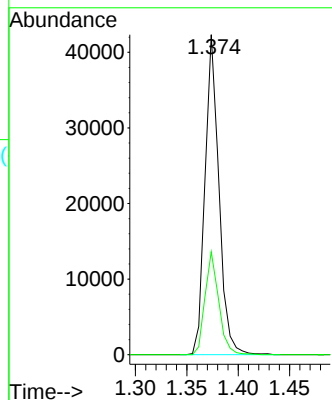
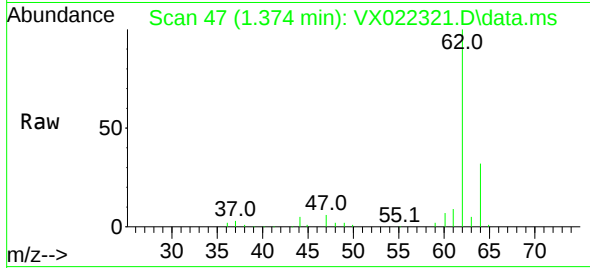




#4
 Vinyl Chloride
 Concen: 44.51 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022321.D
 Acq: 02 Jun 2021 03:58

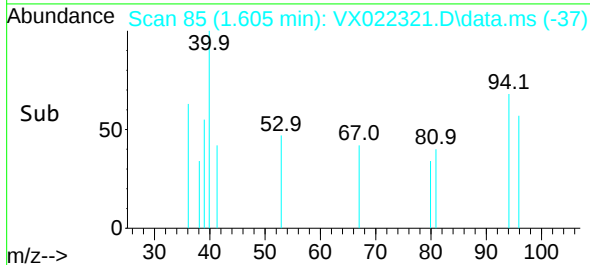
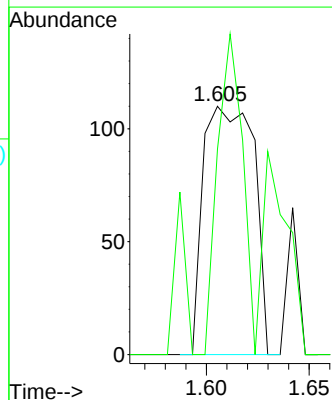
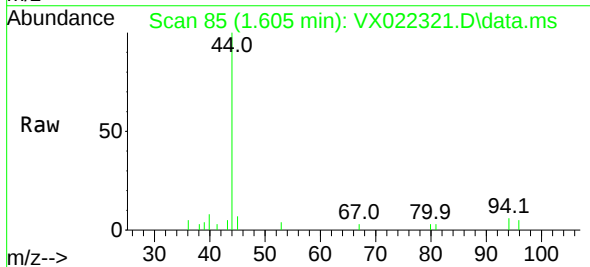
Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20210528

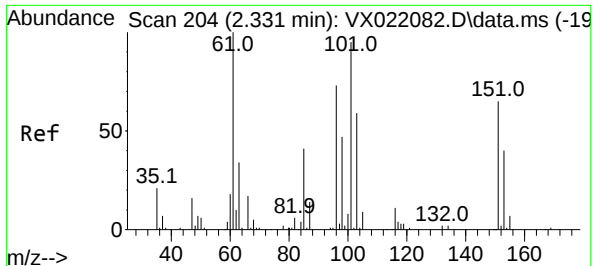
Tgt Ion: 62 Resp: 39982
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.7 38.5



#5
 Bromomethane
 Concen: 0.36 ug/l
 RT: 1.605 min Scan# 85
 Delta R.T. -0.007 min
 Lab File: VX022321.D
 Acq: 02 Jun 2021 03:58

Tgt Ion: 94 Resp: 188
 Ion Ratio Lower Upper
 94 100
 96 26.4 76.4 114.6#

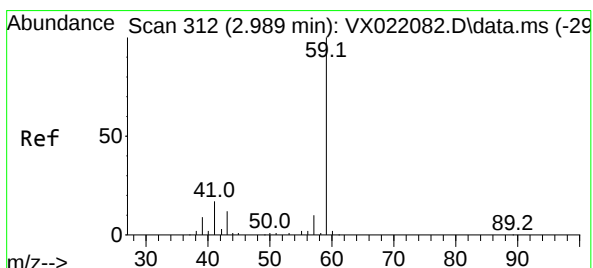
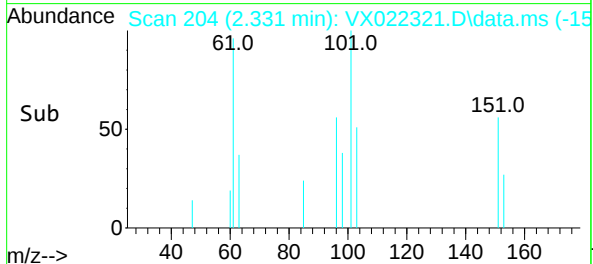
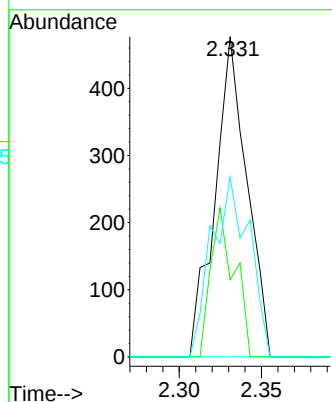
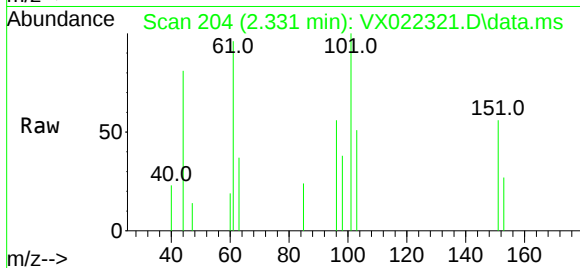




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.84 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

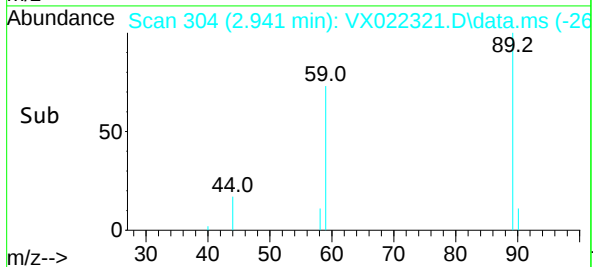
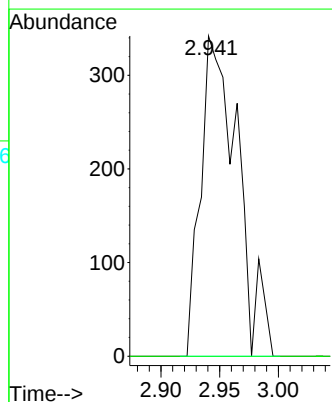
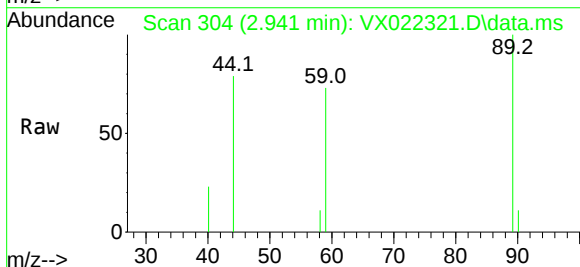
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528

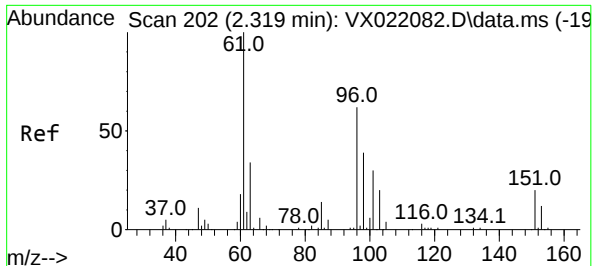
Tgt Ion:101 Resp: 645
Ion Ratio Lower Upper
101 100
85 34.4 34.9 52.3#
151 65.7 61.4 92.2



#11
Tert butyl alcohol
Concen: 3.29 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Tgt Ion: 59 Resp: 751
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.02 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022321.D

Acq: 02 Jun 2021 03:58

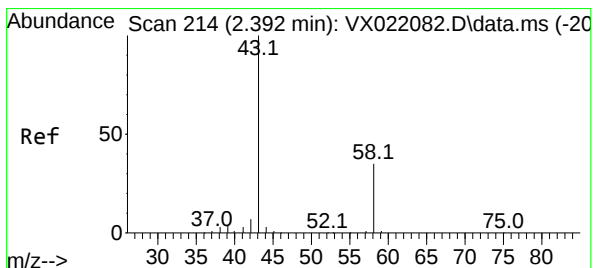
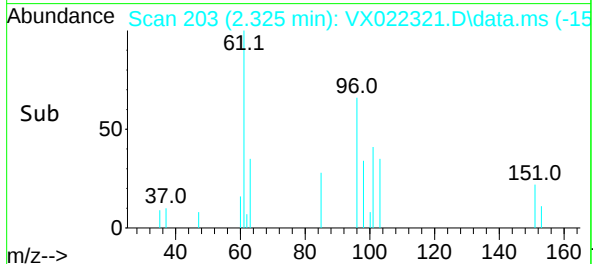
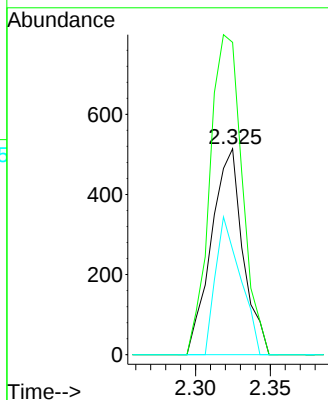
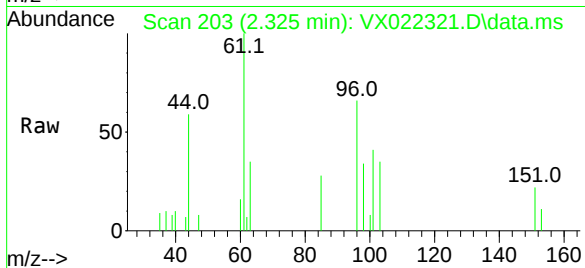
Tgt Ion: 96 Resp: 757

Ion Ratio Lower Upper

96 100

61 151.8 124.6 187.0

98 51.0 50.6 76.0



#16

Acetone

Concen: 2.39 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022321.D

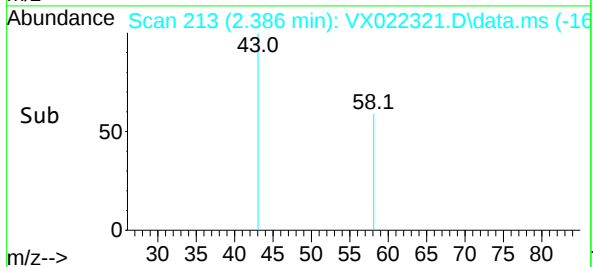
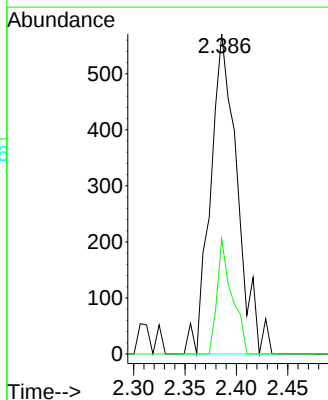
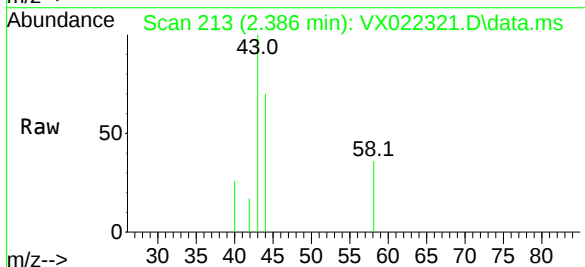
Acq: 02 Jun 2021 03:58

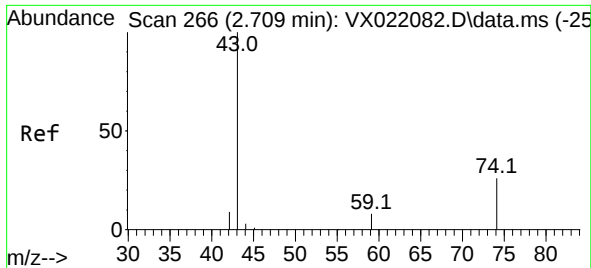
Tgt Ion: 43 Resp: 1039

Ion Ratio Lower Upper

43 100

58 35.9 27.8 41.8

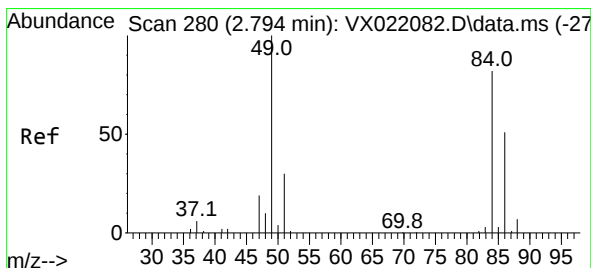
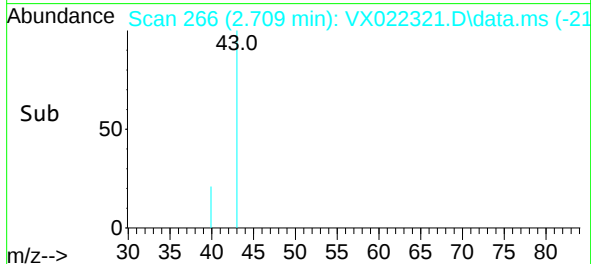
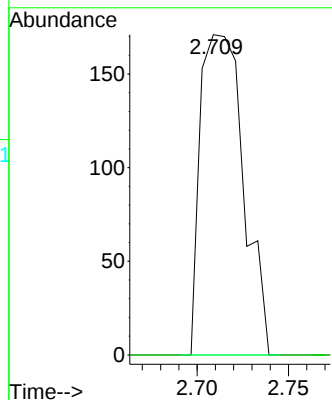
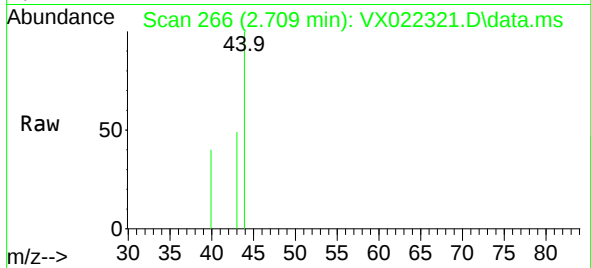




#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

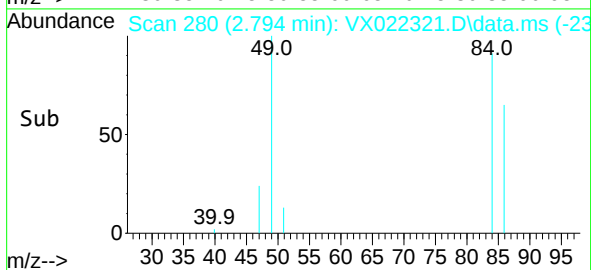
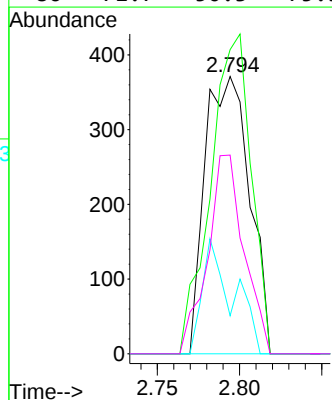
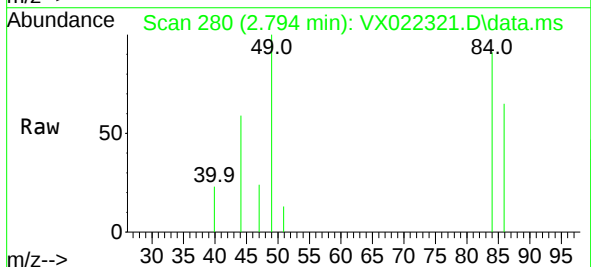
Instrument :
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ClientSampleId :
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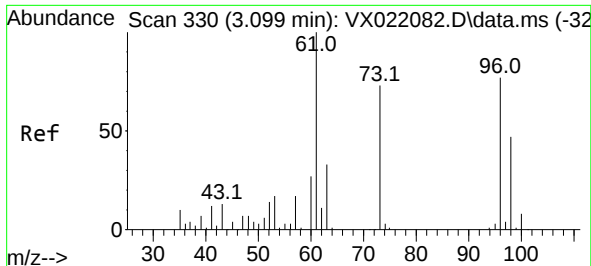
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.72 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Tgt Ion: 84 Resp: 699
Ion Ratio Lower Upper
84 100
49 109.7 88.6 132.8
51 13.7 27.0 40.6#
86 71.7 50.3 75.5

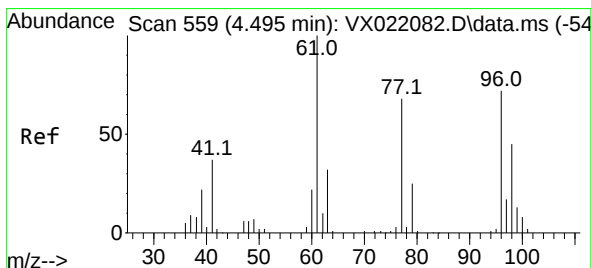
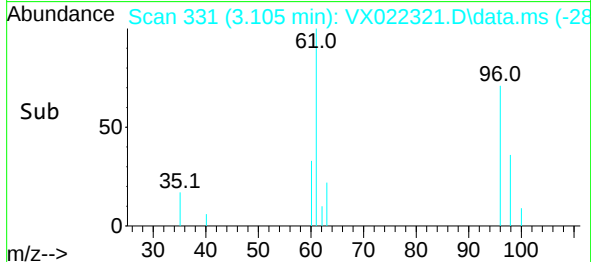
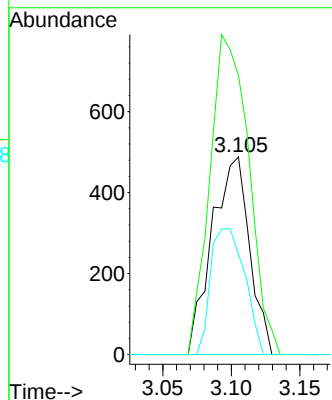
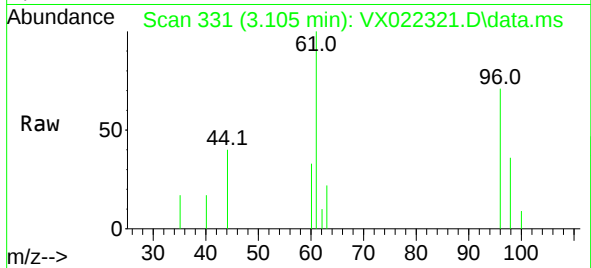




#21
trans-1,2-Dichloroethene
Concen: 1.15 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

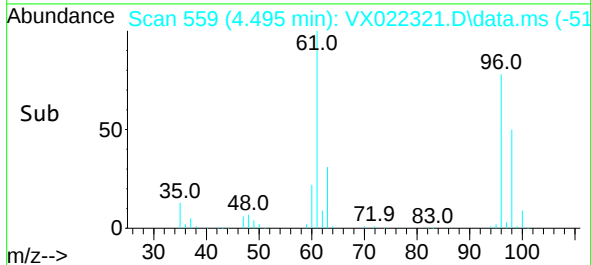
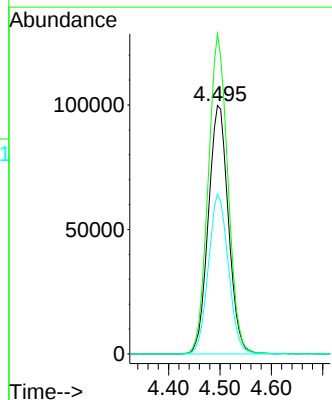
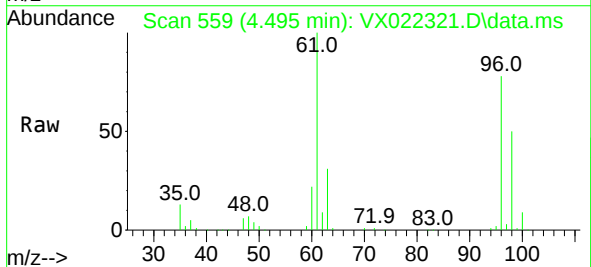
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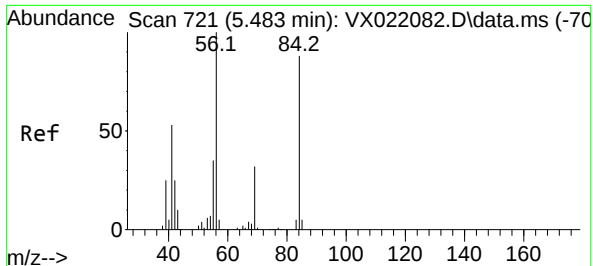
Tgt Ion: 96 Resp: 930
Ion Ratio Lower Upper
96 100
61 141.4 107.7 161.5
98 50.8 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 275.71 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Tgt Ion: 96 Resp: 270589
Ion Ratio Lower Upper
96 100
61 125.9 0.0 285.6
98 64.1 0.0 129.6

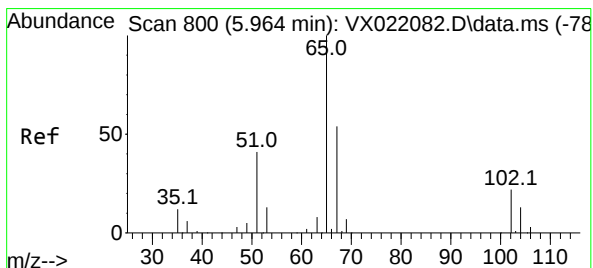
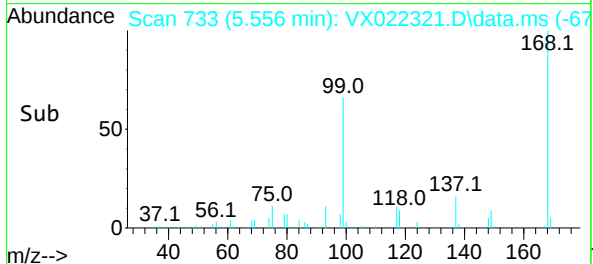
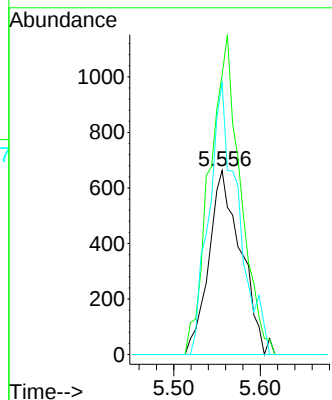
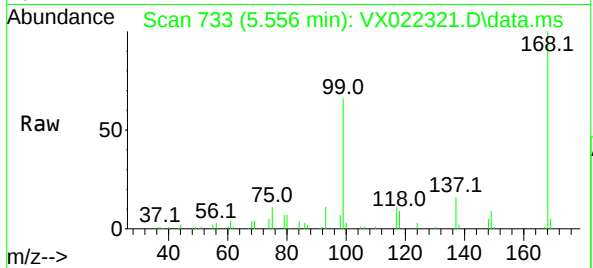




#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

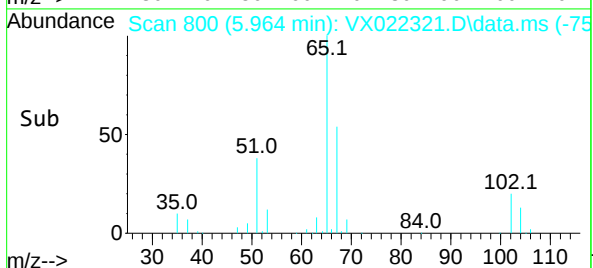
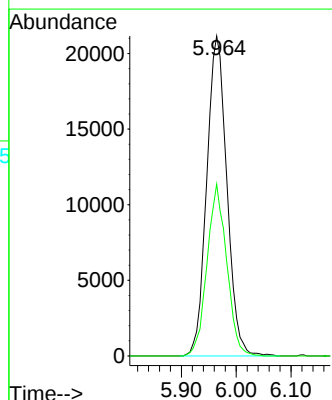
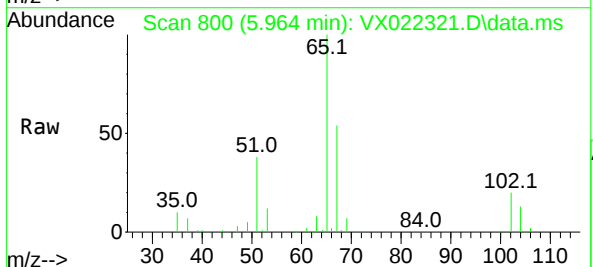
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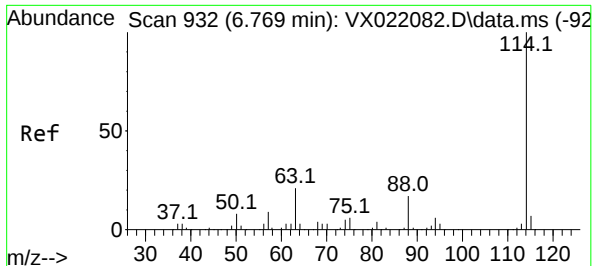
Tgt Ion: 56 Resp: 1705
Ion Ratio Lower Upper
56 100
69 151.7 25.3 37.9#
84 147.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.98 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Tgt Ion: 65 Resp: 53904
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

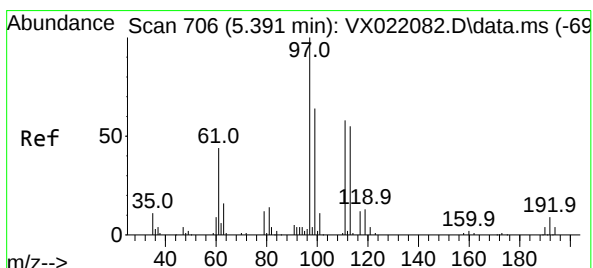
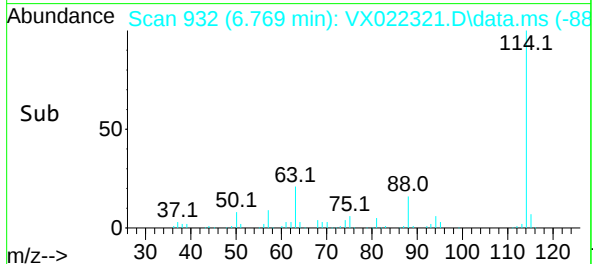
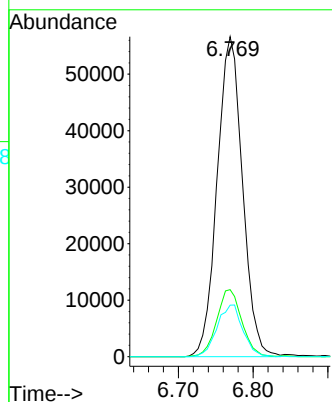
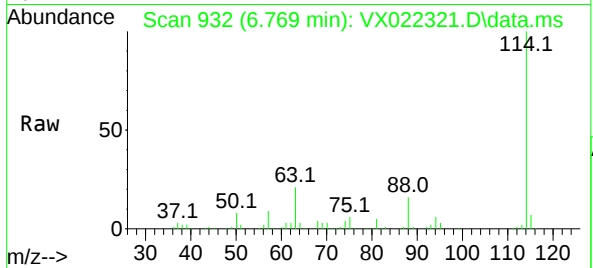




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

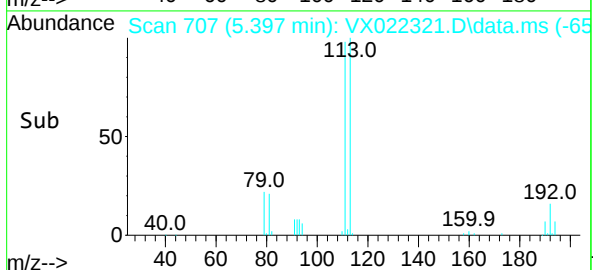
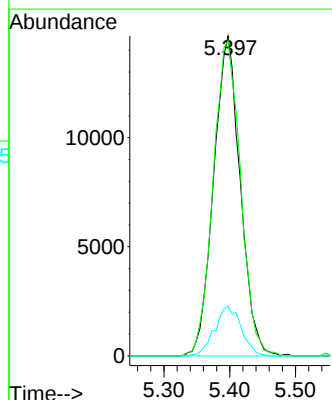
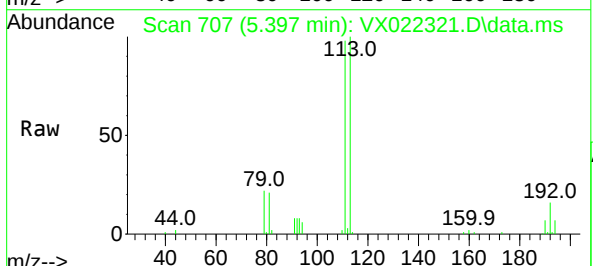
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528

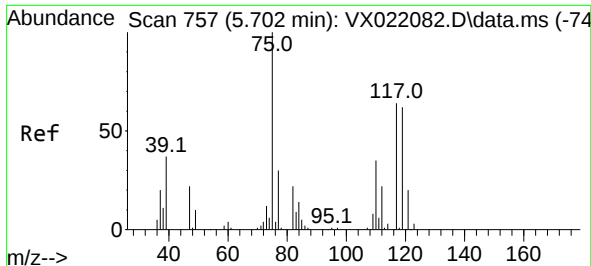
Tgt Ion:114 Resp: 133662
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.50 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

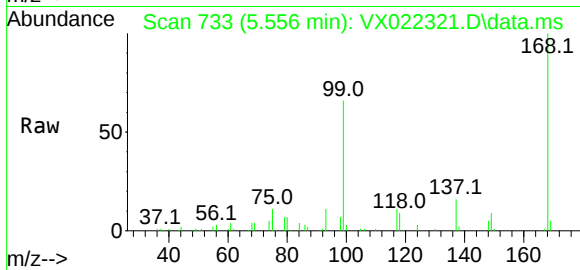
Tgt Ion:113 Resp: 41112
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 15.6 16.7 25.1#





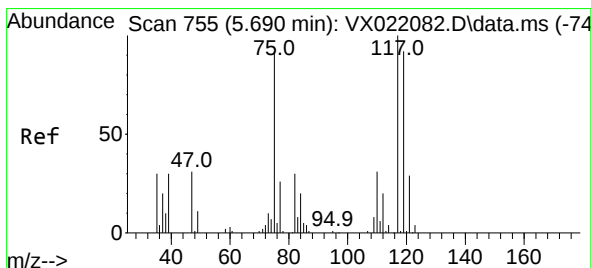
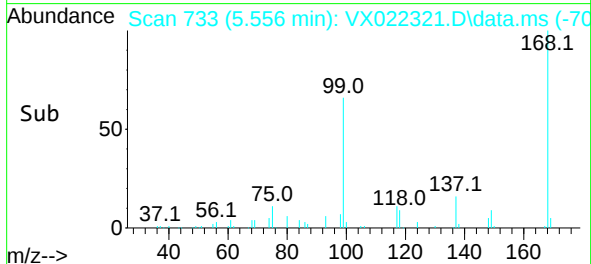
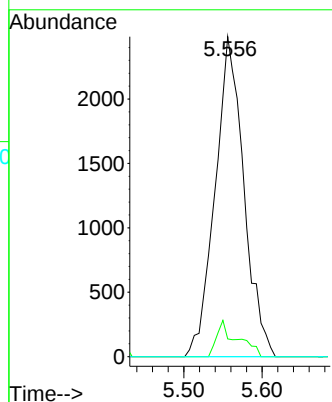
#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528



Tgt Ion: 75 Resp: 6333

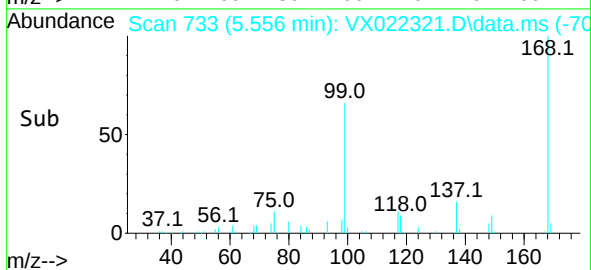
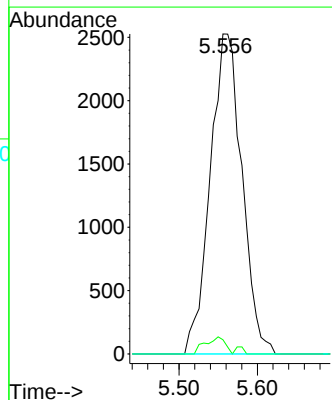
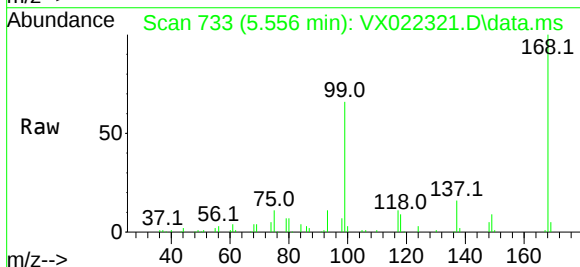
Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.4#
77	0.0	25.3	37.9#

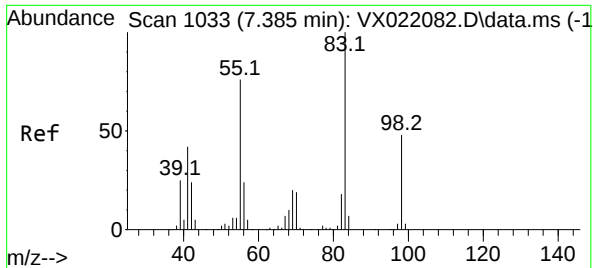


#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Tgt Ion: 117 Resp: 7113

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.2	114.2#
121	0.0	24.8	37.2#

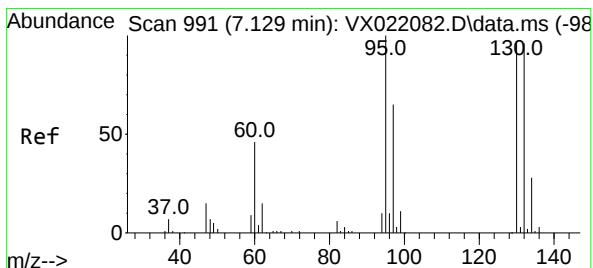
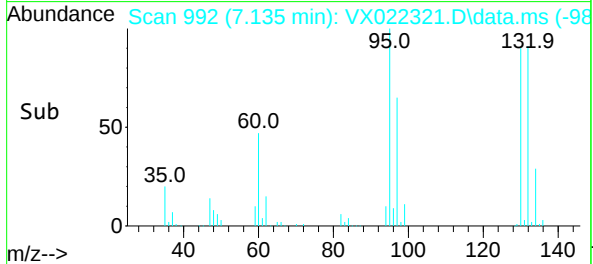
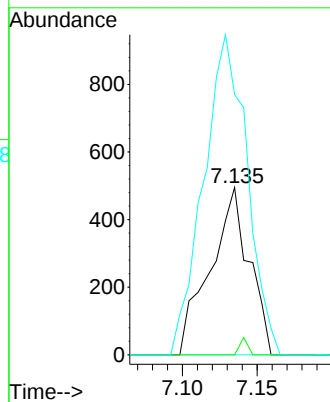
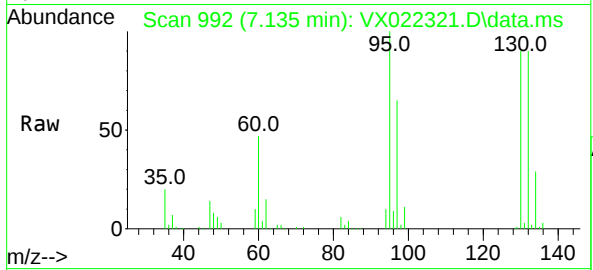




#39
Methylcyclohexane
Concen: 0.64 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

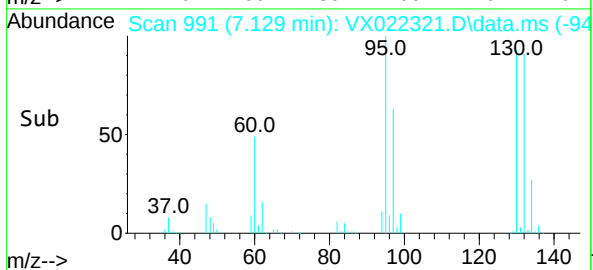
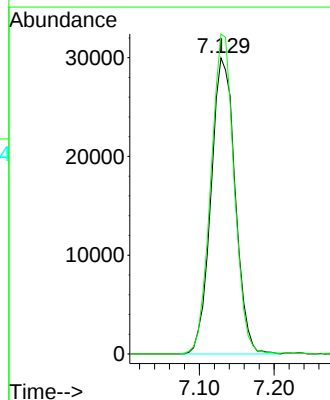
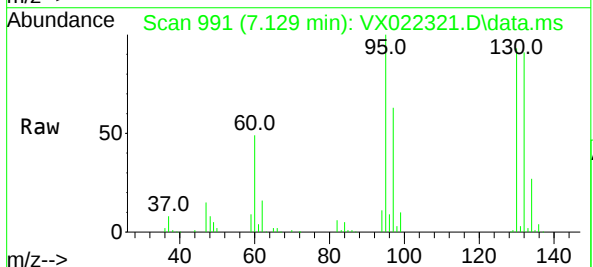
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528

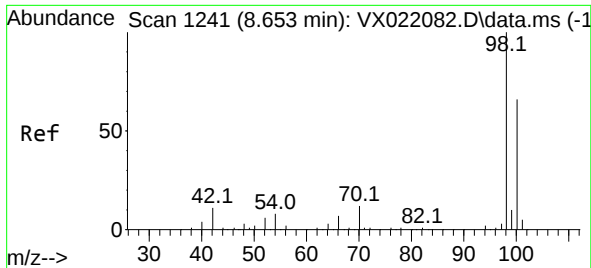
Tgt Ion: 83	Resp:	896
Ion Ratio	Lower	Upper
83	100	
55	0.0	58.9 88.3#
98	155.6	38.1 57.1#



#44
Trichloroethene
Concen: 71.12 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Tgt Ion: 130	Resp:	67212
Ion Ratio	Lower	Upper
130	100	
95	108.1	0.0 198.0

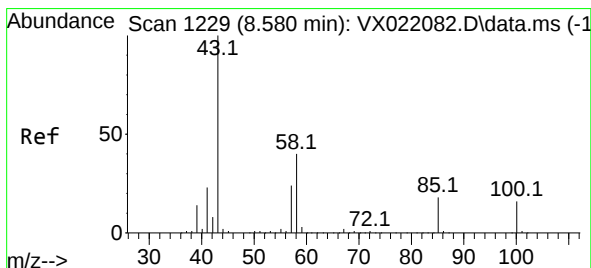
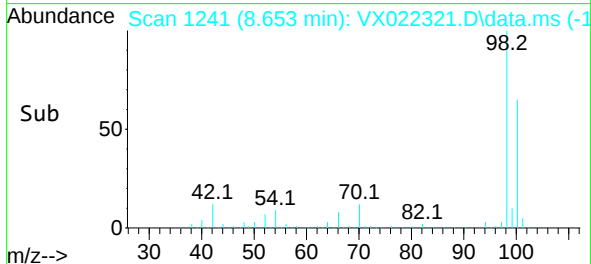
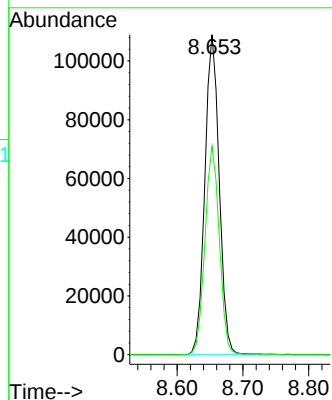
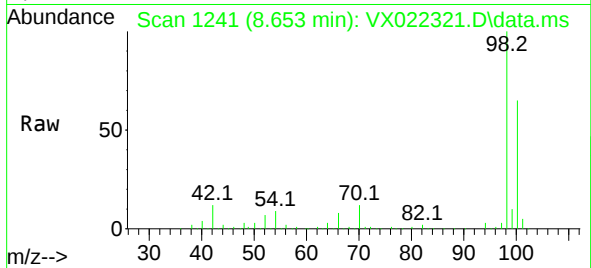




#50
Toluene-d8
Concen: 50.65 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

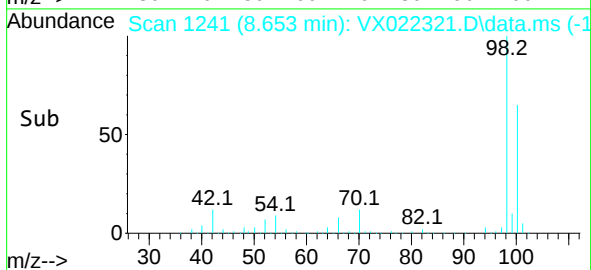
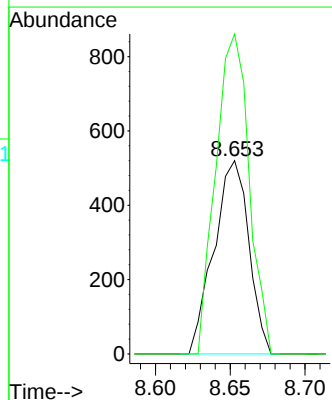
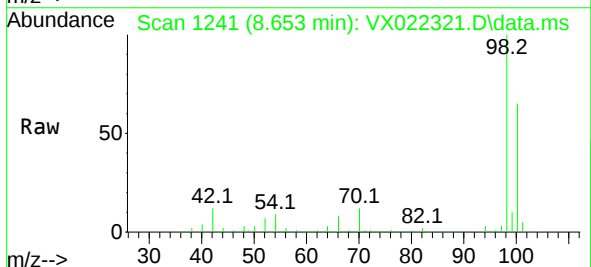
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528

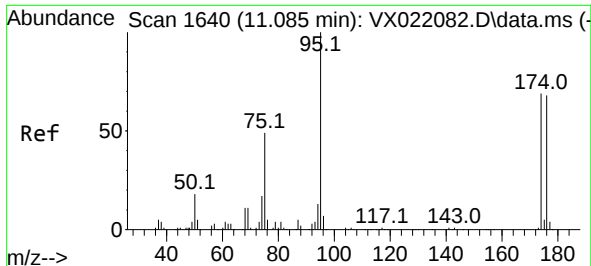
Tgt Ion: 98 Resp: 165366
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
58 158.4 35.4 53.0#

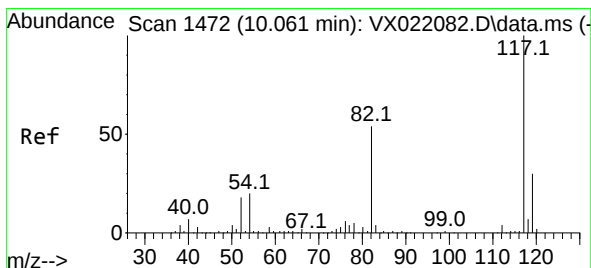
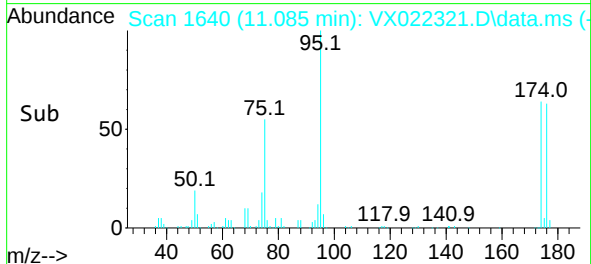
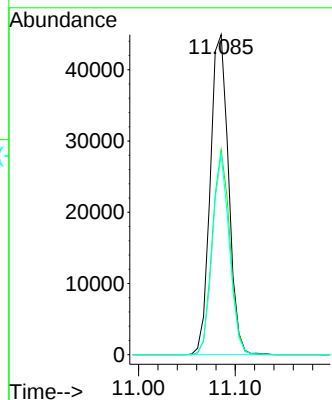
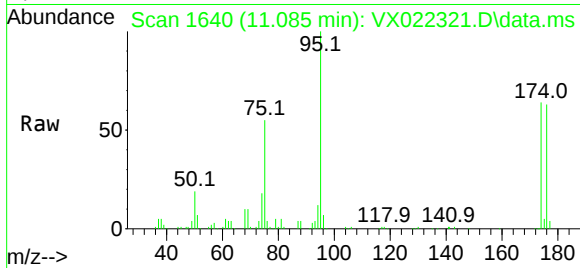




#62
4-Bromofluorobenzene
Concen: 48.68 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

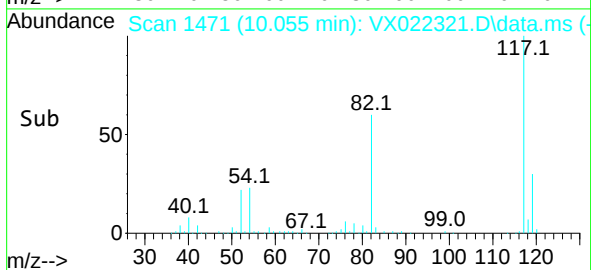
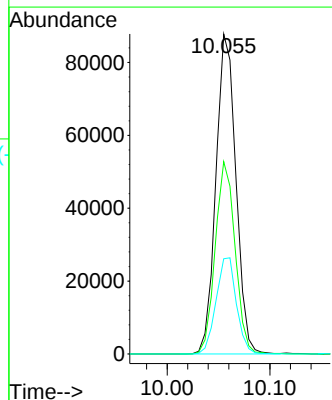
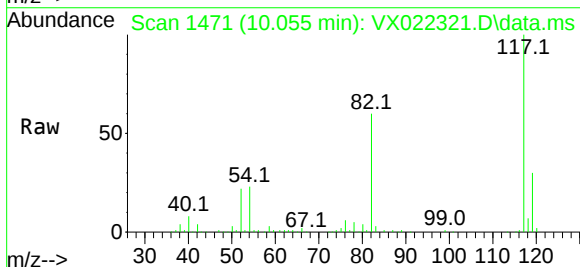
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528

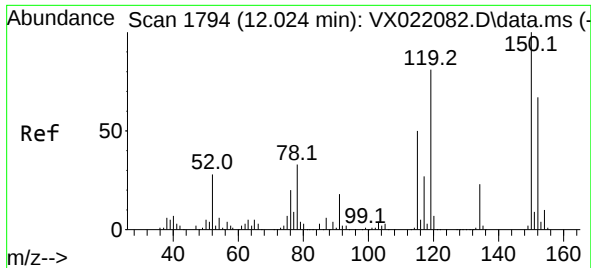
Tgt Ion: 95 Resp: 58744
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 58.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022321.D
Acq: 02 Jun 2021 03:58

Tgt Ion: 117 Resp: 118654
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 29.8 26.6 39.8

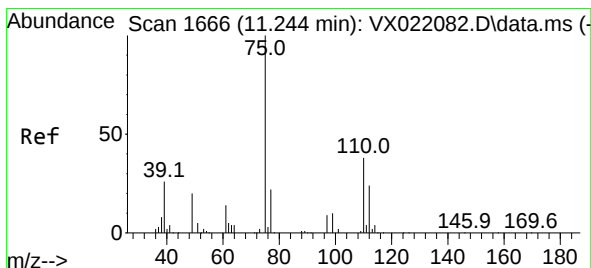
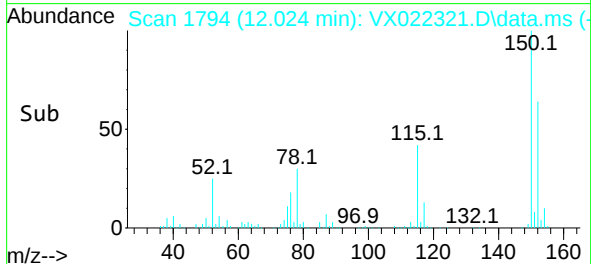
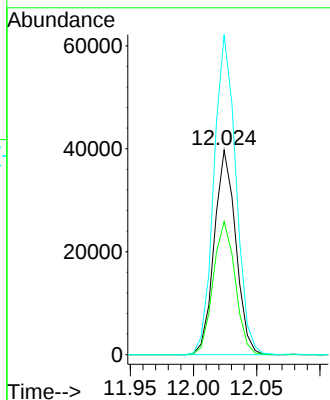
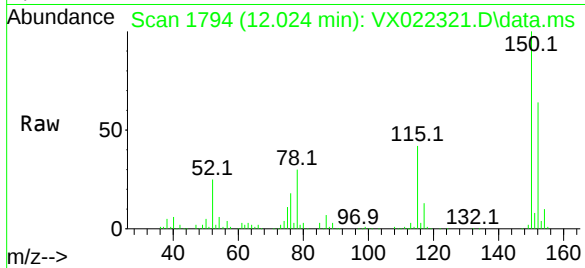




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022321.D
 Acq: 02 Jun 2021 03:58

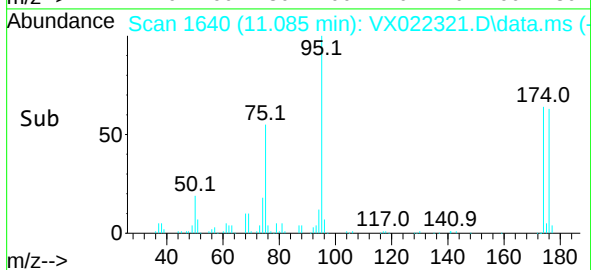
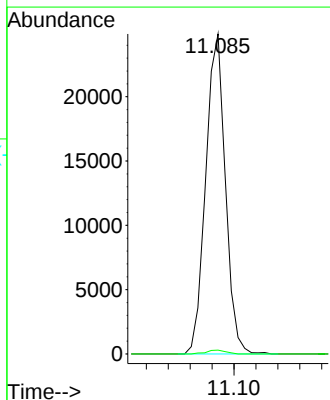
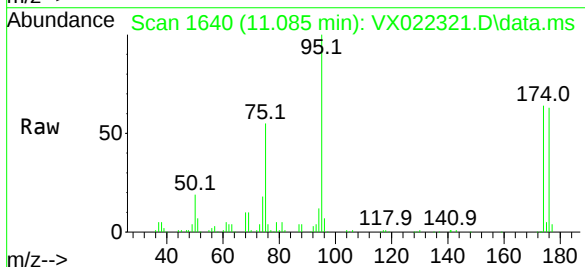
Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20210528

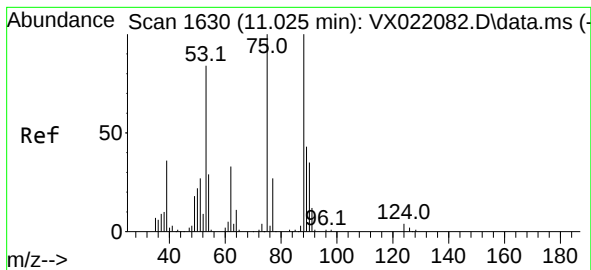
Tgt Ion:152 Resp: 46974
 Ion Ratio Lower Upper
 152 100
 115 66.5 41.1 123.3
 150 159.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.66 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022321.D
 Acq: 02 Jun 2021 03:58

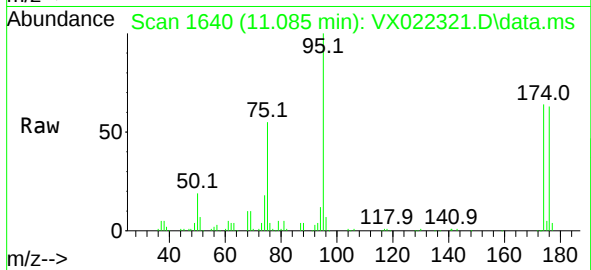
Tgt Ion: 75 Resp: 30898
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.17 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022321.D
 Acq: 02 Jun 2021 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20210528



Tgt Ion: 75 Resp: 30898
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

