

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022317.D
 Acq On : 02 Jun 2021 02:23
 Operator : JC/MD
 Sample : M2572-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20210527

Quant Time: Jun 02 05:33:55 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)

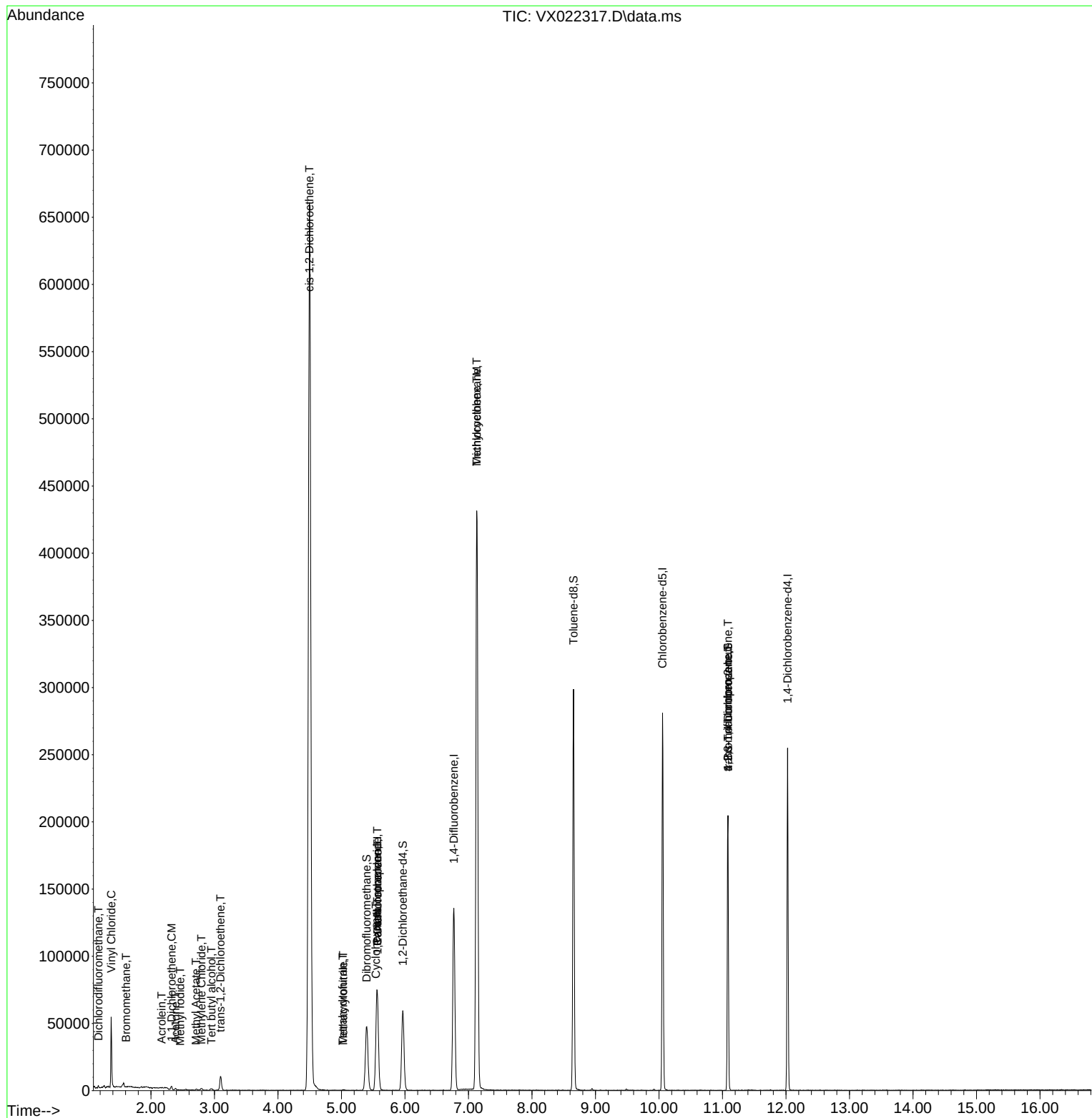
Internal Standards						
1) Pentafluorobenzene	5.562	168	64538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54542	54.79	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.58%			
35) Dibromofluoromethane	5.398	113	41097	47.48	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.96%			
50) Toluene-d8	8.653	98	166205	49.85	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.70%			
62) 4-Bromofluorobenzene	11.086	95	57723	46.84	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	997	1.27	ug/l	83
4) Vinyl Chloride	1.374	62	27549	30.76	ug/l	98
5) Bromomethane	1.606	94	146	0.28	ug/l #	56
10) Methyl Iodide	2.459	142	177	0.22	ug/l #	69
11) Tert butyl alcohol	2.953	59	710	3.12	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	776	1.05	ug/l #	80
13) Acrolein	2.166	56	46	0.30	ug/l	96
16) Acetone	2.386	43	1313	3.03	ug/l #	87
18) Methyl Acetate	2.709	43	1165	1.01	ug/l #	84
20) Methylene Chloride	2.794	84	714	0.74	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	4326	5.38	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	394246	402.93	ug/l	91
29) Tetrahydrofuran	5.020	42	168	0.40	ug/l #	49
31) Cyclohexane	5.544	56	818	0.65	ug/l #	40
36) 1,1-Dichloropropene	5.568	75	6265	4.96	ug/l #	46
38) Carbon Tetrachloride	5.562	117	7826	6.34	ug/l #	16
39) Methylcyclohexane	7.129	83	1966	1.37	ug/l #	1
41) Methacrylonitrile	5.026	41	250	0.30	ug/l #	42
44) Trichloroethene	7.129	130	158598	164.36	ug/l	92
76) 1,2,3-Trichloropropane	11.086	75	28904	25.86	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	28904	61.26	ug/l #	12

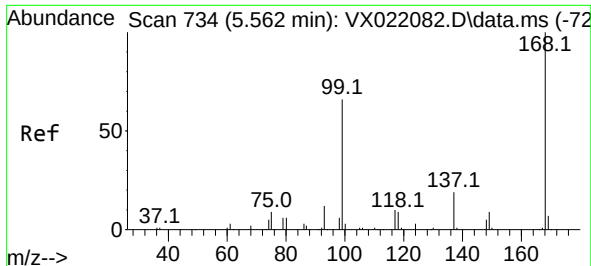
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527

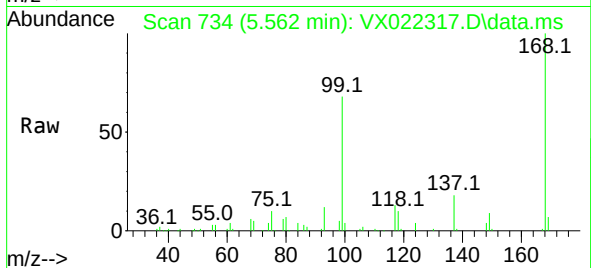
Quant Time: Jun 02 05:33:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



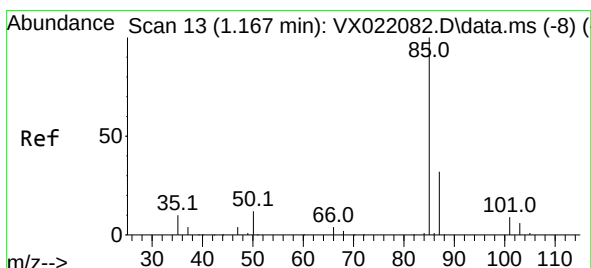
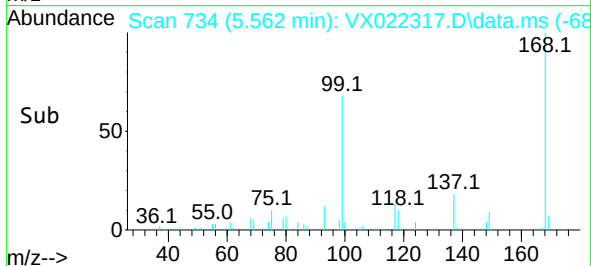
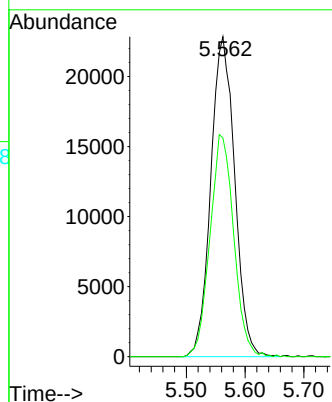


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527

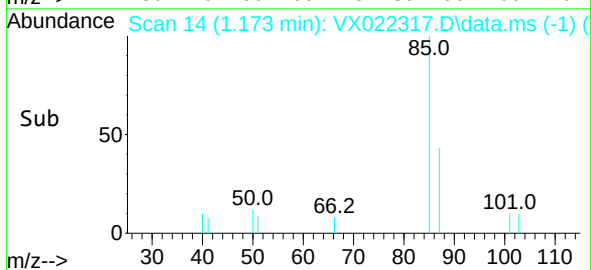
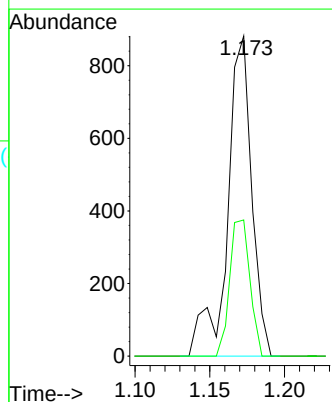
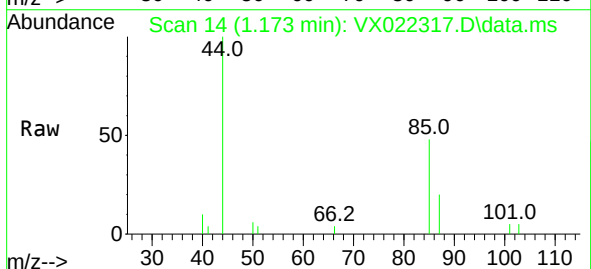


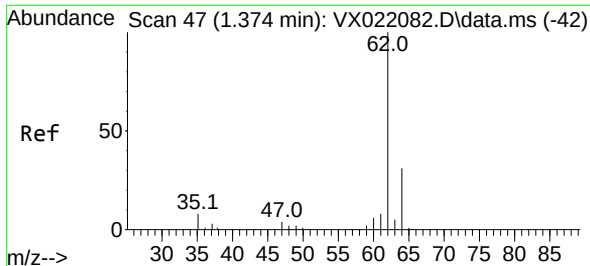
Tgt Ion:168 Resp: 64538
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.27 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Tgt Ion: 85 Resp: 997
Ion Ratio Lower Upper
85 100
87 42.5 16.4 49.2

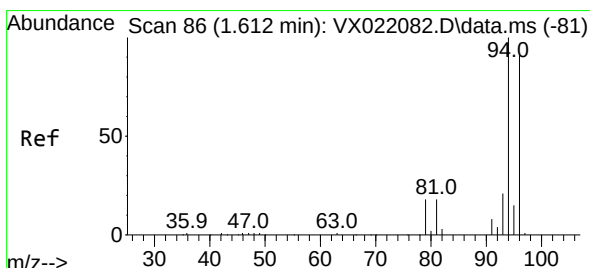
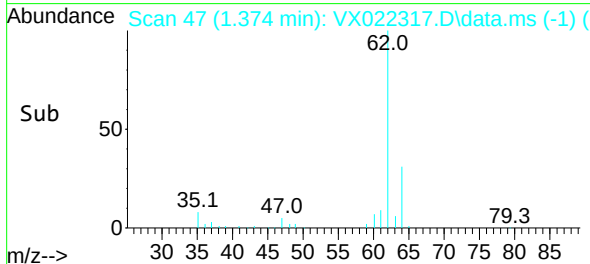
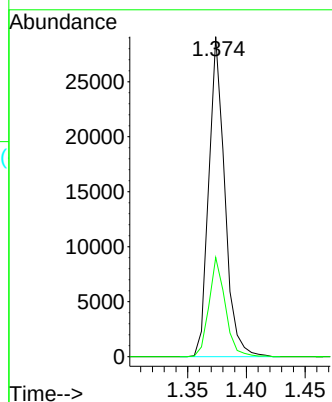
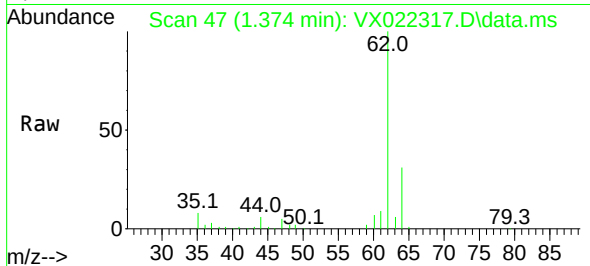




#4
 Vinyl Chloride
 Concen: 30.76 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022317.D
 Acq: 02 Jun 2021 02:23

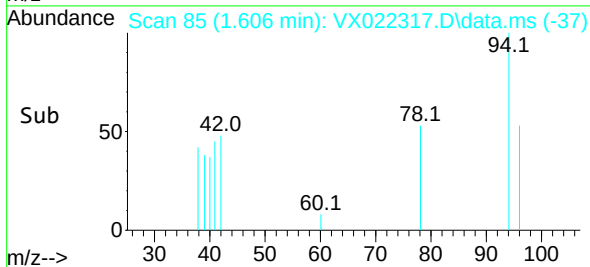
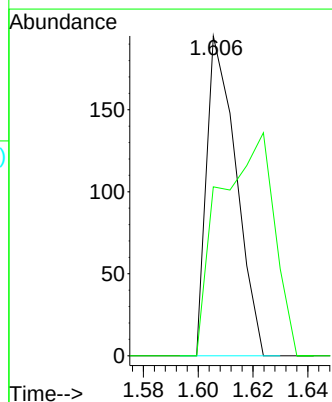
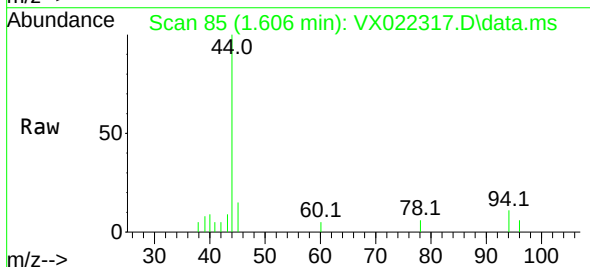
Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20210527

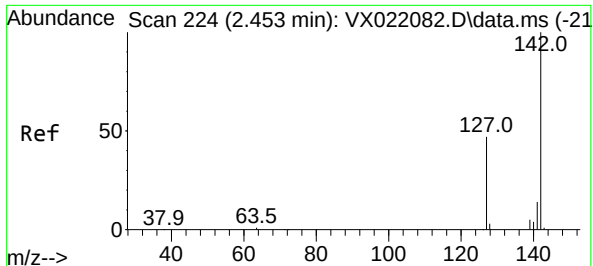
Tgt Ion: 62 Resp: 27549
 Ion Ratio Lower Upper
 62 100
 64 31.0 25.7 38.5



#5
 Bromomethane
 Concen: 0.28 ug/l
 RT: 1.606 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX022317.D
 Acq: 02 Jun 2021 02:23

Tgt Ion: 94 Resp: 146
 Ion Ratio Lower Upper
 94 100
 96 52.8 76.4 114.6#

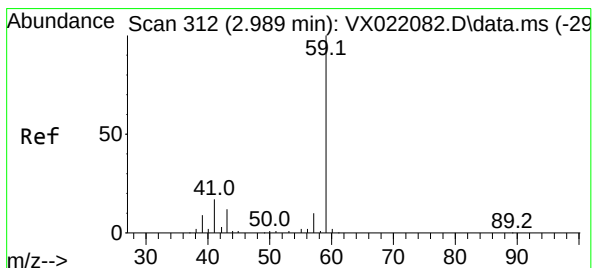
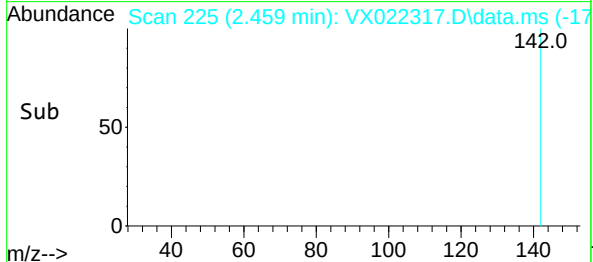
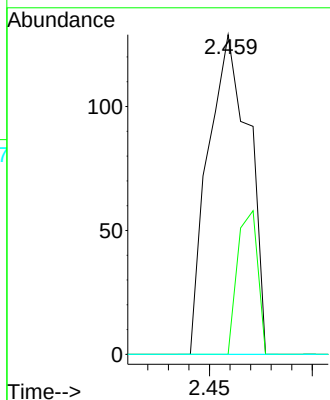
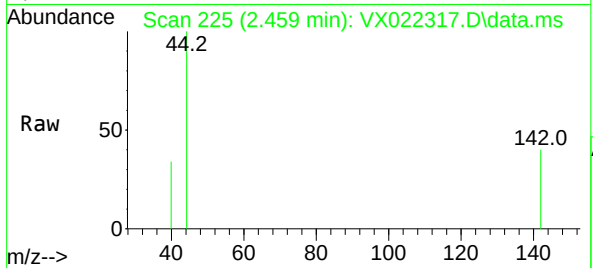




#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

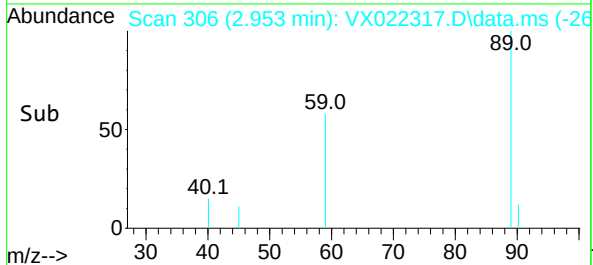
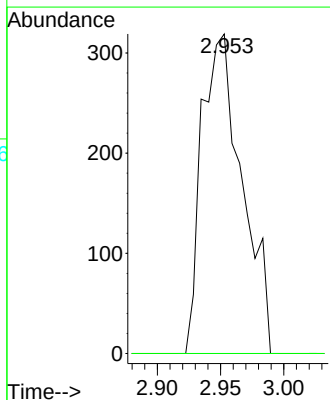
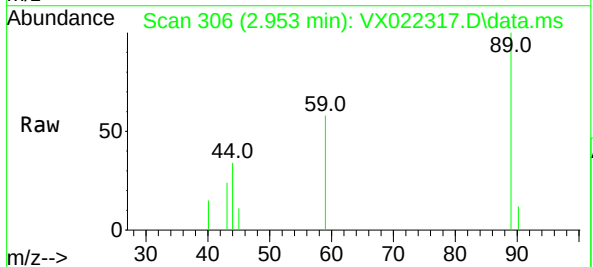
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527

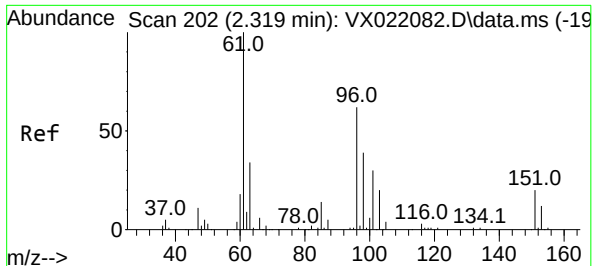
Tgt Ion:142 Resp: 177
Ion Ratio Lower Upper
142 100
127 22.6 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.12 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Tgt Ion: 59 Resp: 710
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.05 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022317.D

Acq: 02 Jun 2021 02:23

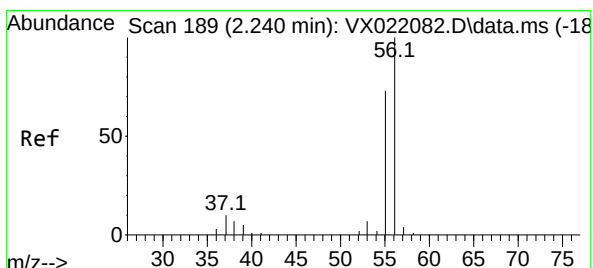
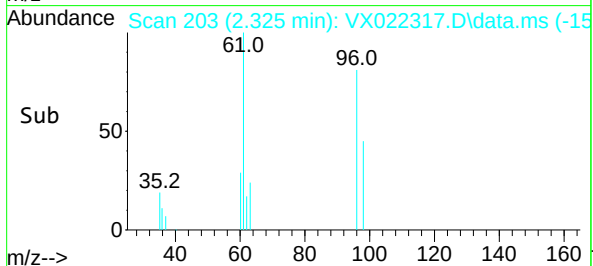
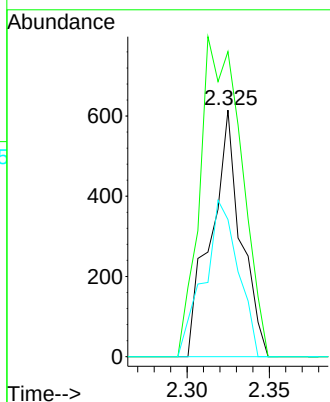
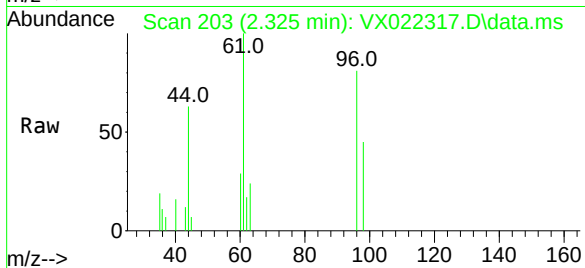
Tgt Ion: 96 Resp: 776

Ion Ratio Lower Upper

96 100

61 123.7 124.6 187.0#

98 55.6 50.6 76.0



#13

Acrolein

Concen: 0.30 ug/l

RT: 2.166 min Scan# 177

Delta R.T. -0.074 min

Lab File: VX022317.D

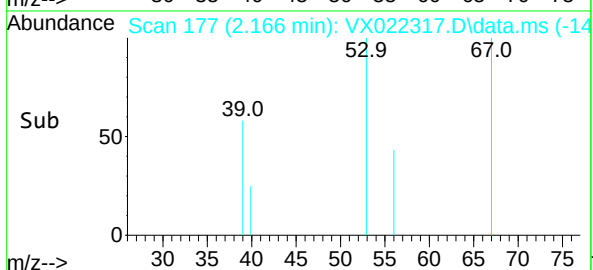
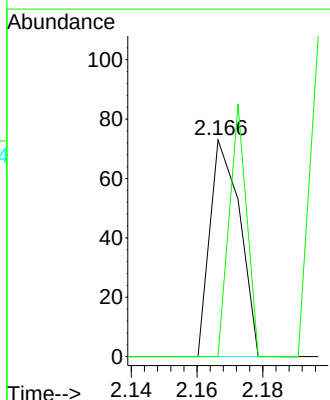
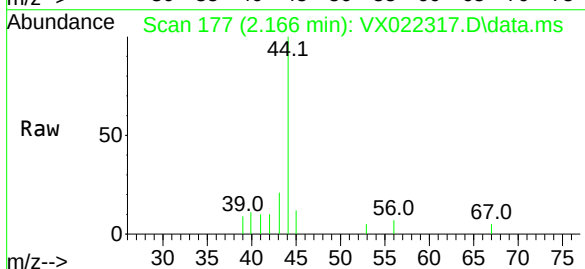
Acq: 02 Jun 2021 02:23

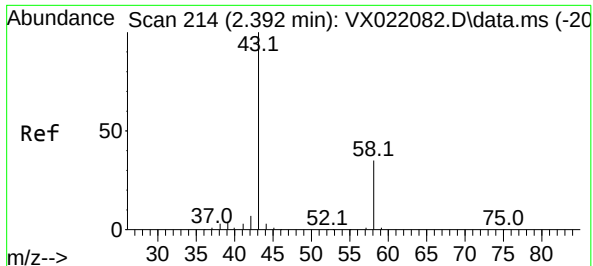
Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

56 100

55 67.4 56.4 84.6

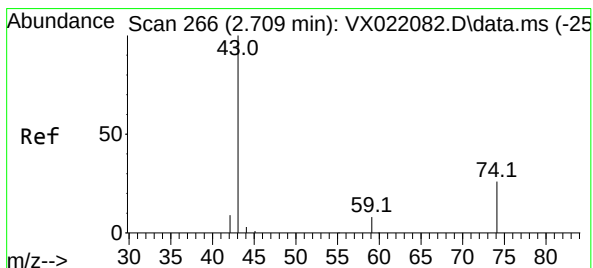
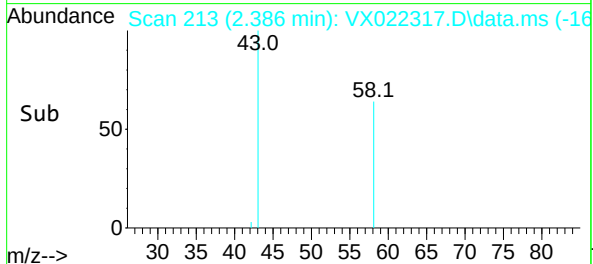
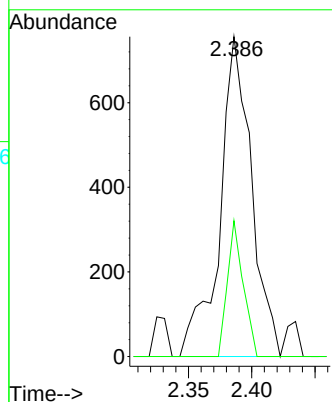
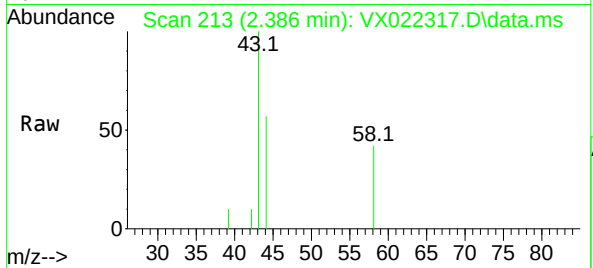




#16
Acetone
Concen: 3.03 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

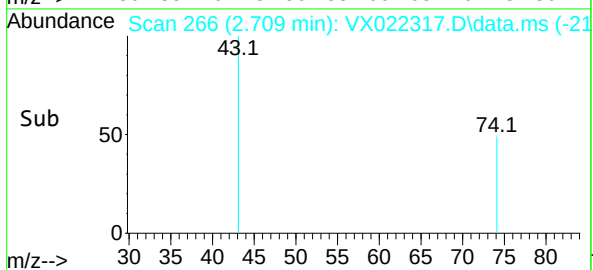
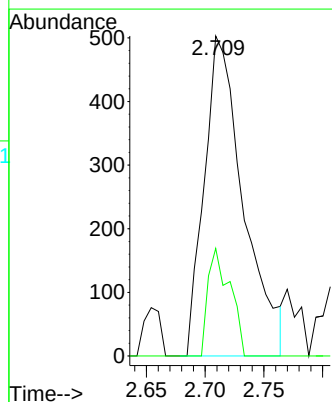
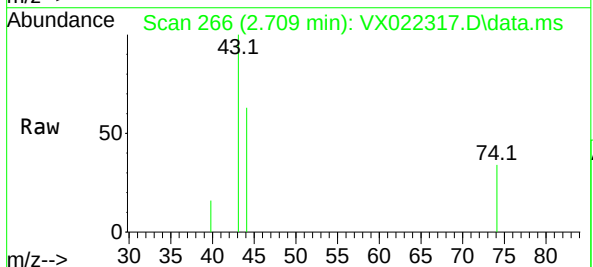
Instrument :
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ClientSampleId :
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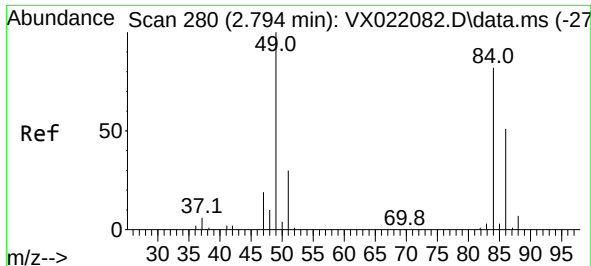
Tgt Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
58 42.5 27.8 41.8#



#18
Methyl Acetate
Concen: 1.01 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
74 18.9 21.9 32.9#



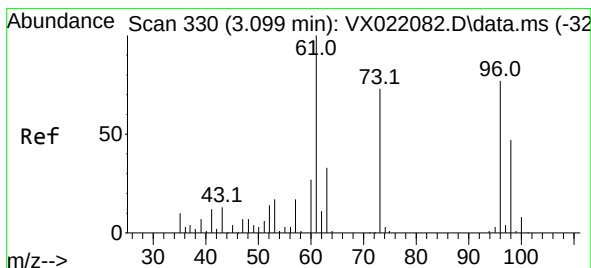
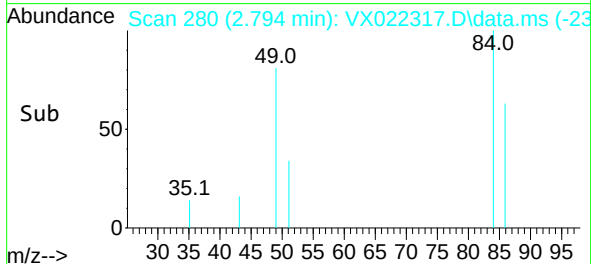
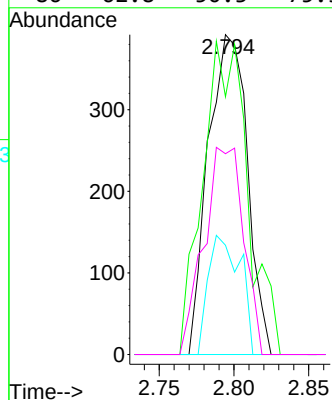
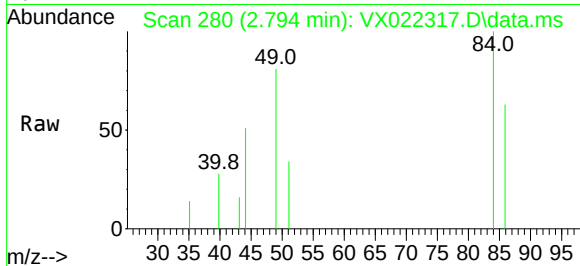


#20
Methylene Chloride
Concen: 0.74 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527

Tgt Ion: 84 Resp: 714

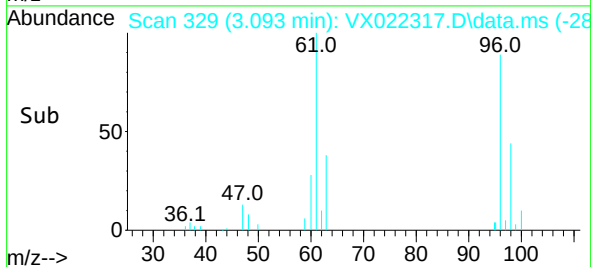
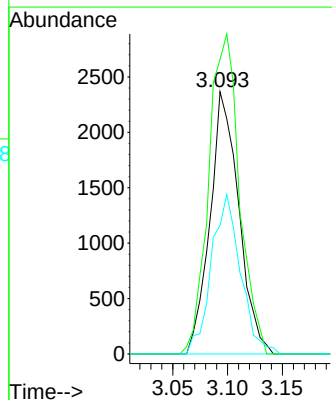
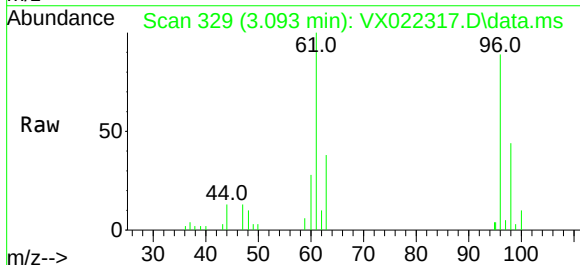
Ion	Ratio	Lower	Upper
84	100		
49	80.6	88.6	132.8#
51	34.2	27.0	40.6
86	62.8	50.3	75.5

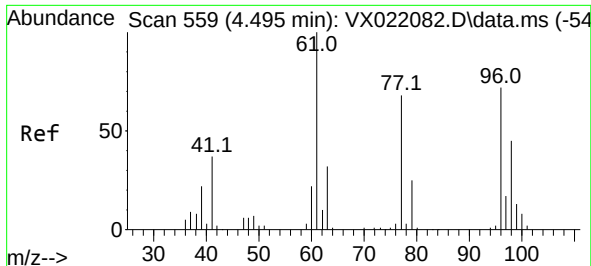


#21
trans-1,2-Dichloroethene
Concen: 5.38 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Tgt Ion: 96 Resp: 4326

Ion	Ratio	Lower	Upper
96	100		
61	112.3	107.7	161.5
98	49.0	50.4	75.6#





#27

cis-1,2-Dichloroethene

Concen: 402.93 ug/l

RT: 4.495 min Scan# 559

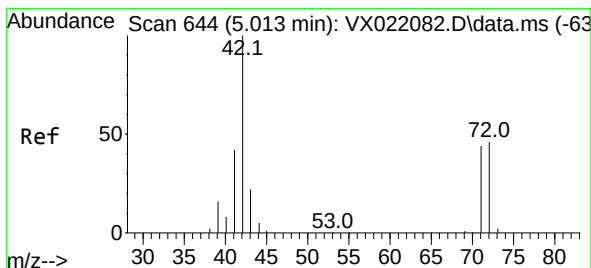
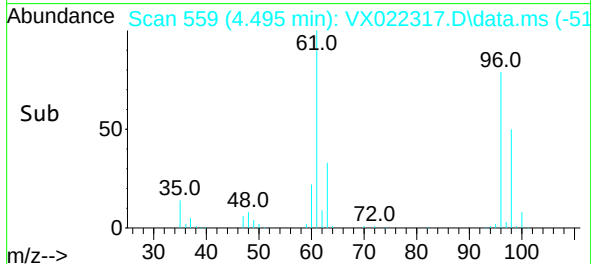
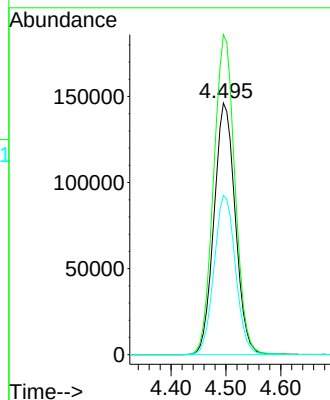
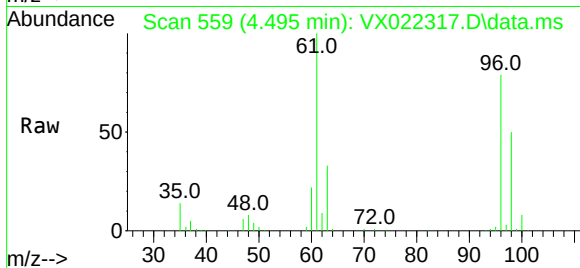
Delta R.T. 0.000 min

Lab File: VX022317.D

Acq: 02 Jun 2021 02:23

Tgt Ion: 96 Resp: 394246

Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	285.6
98	63.9	0.0	129.6



#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.020 min Scan# 645

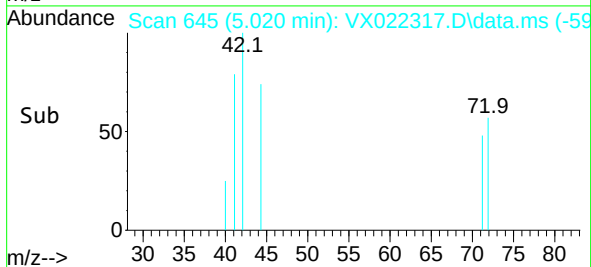
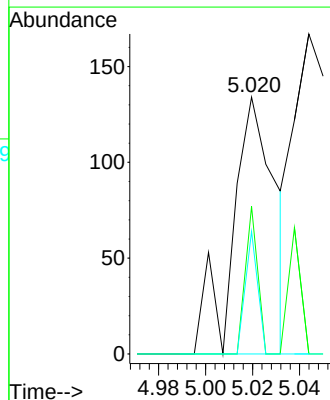
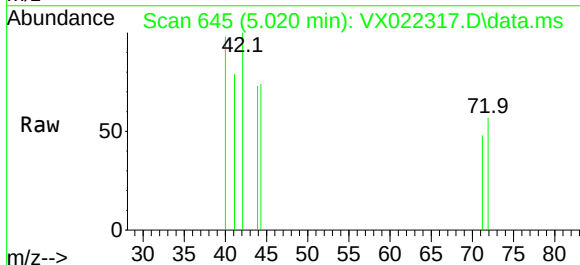
Delta R.T. 0.007 min

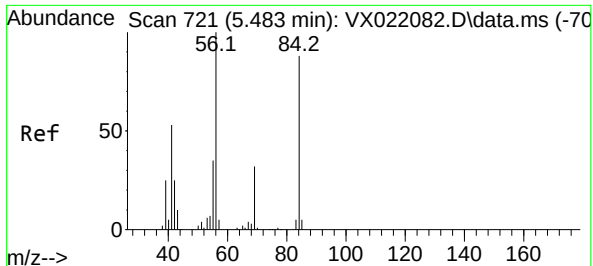
Lab File: VX022317.D

Acq: 02 Jun 2021 02:23

Tgt Ion: 42 Resp: 168

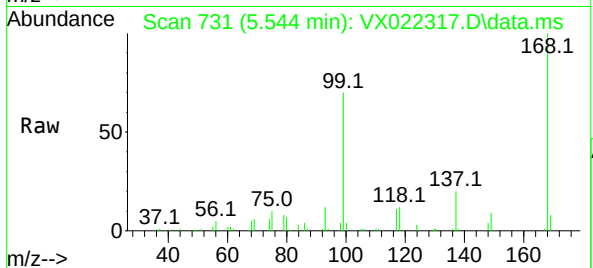
Ion	Ratio	Lower	Upper
42	100		
72	16.7	41.7	62.5#
71	13.7	38.4	57.6#



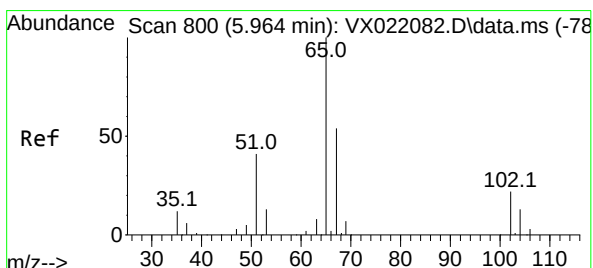
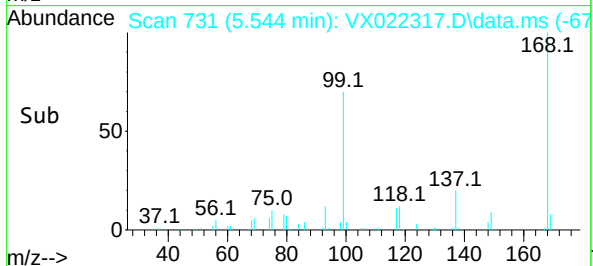
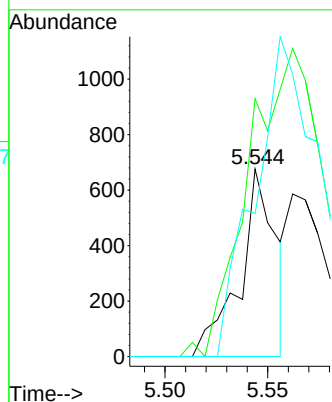


#31
Cyclohexane
Concen: 0.65 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.061 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527

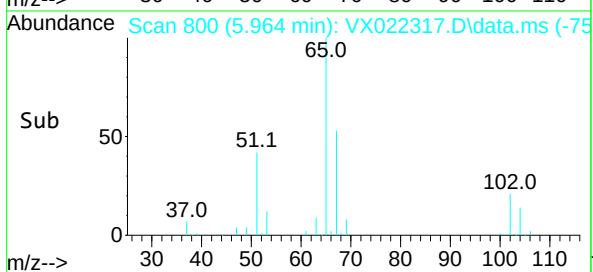
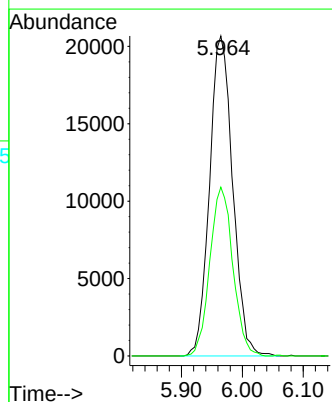
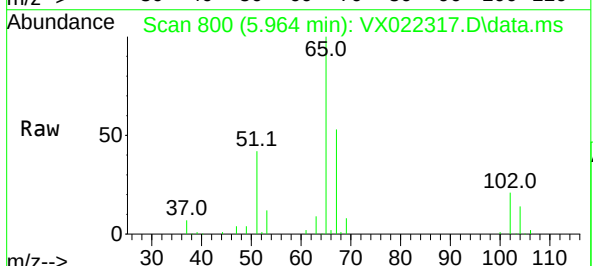


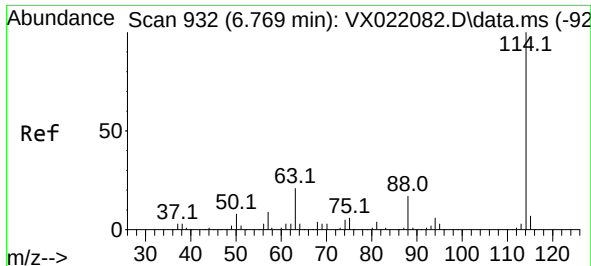
Tgt Ion: 56 Resp: 818
Ion Ratio Lower Upper
56 100
69 137.6 25.3 37.9#
84 76.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.79 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Tgt Ion: 65 Resp: 54542
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

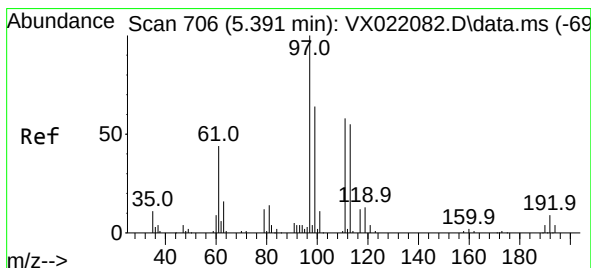
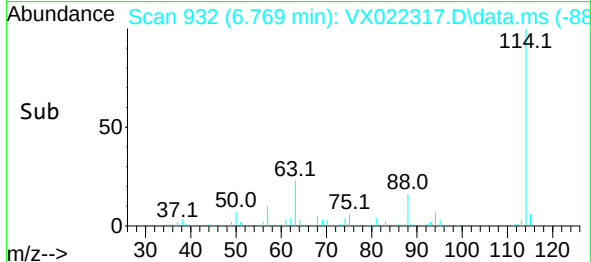
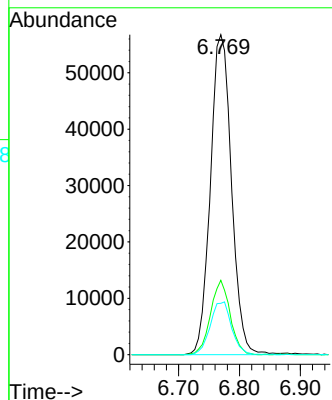
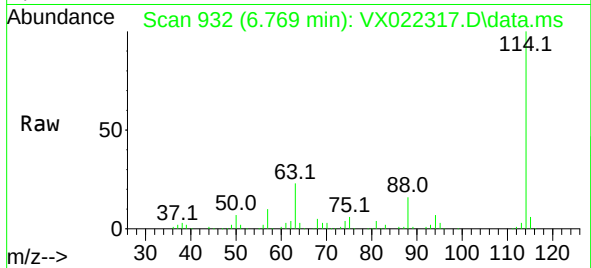




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

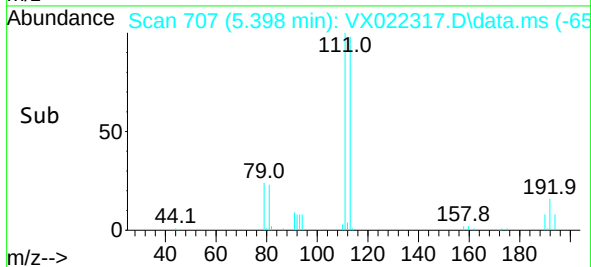
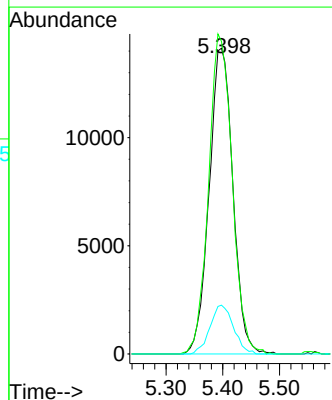
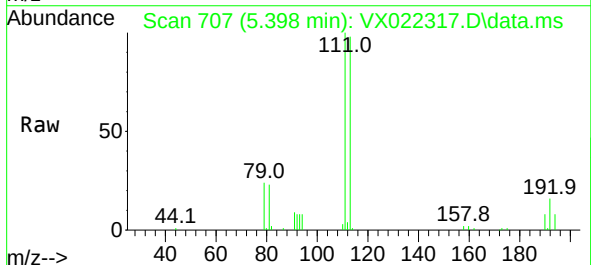
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527

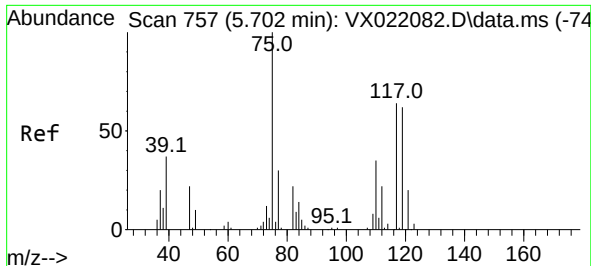
Tgt Ion:114 Resp: 136479
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.48 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.007 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

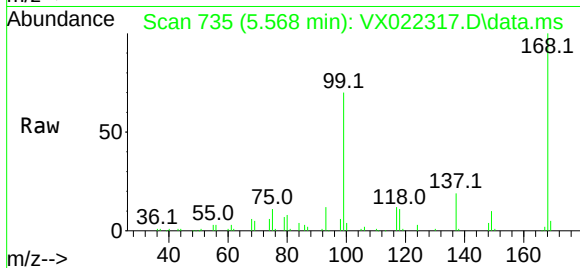
Tgt Ion:113 Resp: 41097
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 15.8 16.7 25.1#



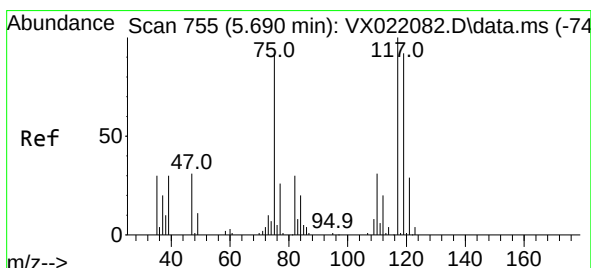
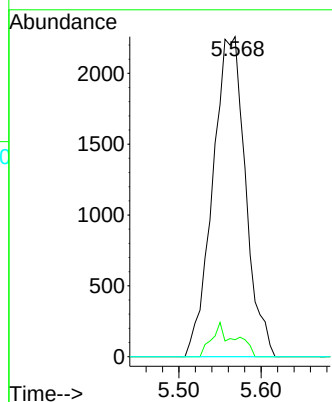
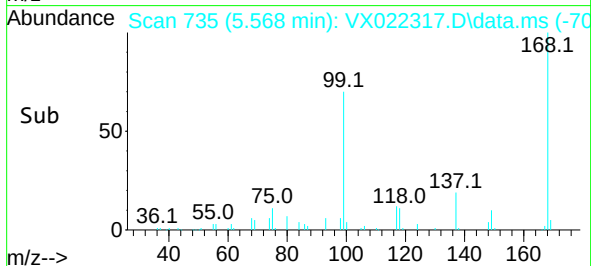


#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

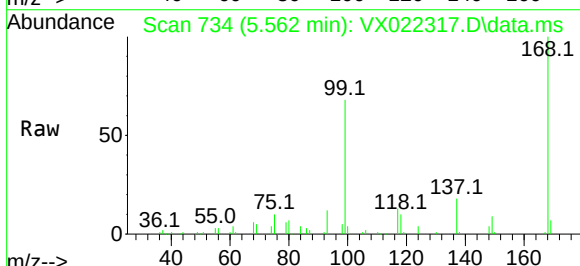
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527



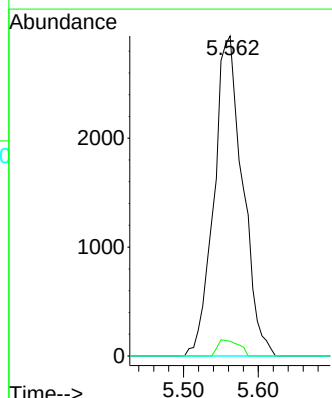
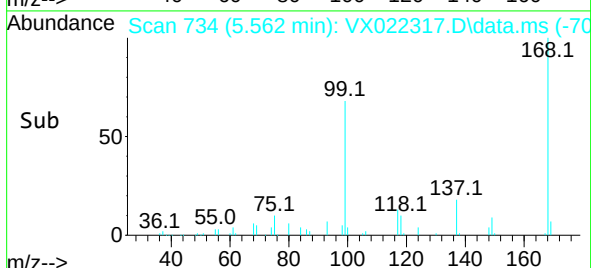
Tgt Ion: 75 Resp: 6265
Ion Ratio Lower Upper
75 100
110 5.5 18.1 54.4#
77 0.0 25.3 37.9#

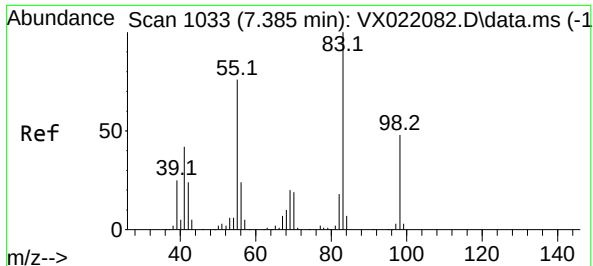


#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23



Tgt Ion: 117 Resp: 7826
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.37 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022317.D

Acq: 02 Jun 2021 02:23

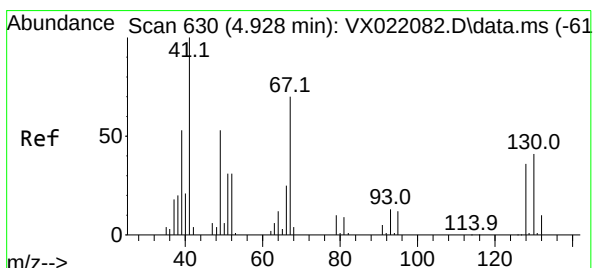
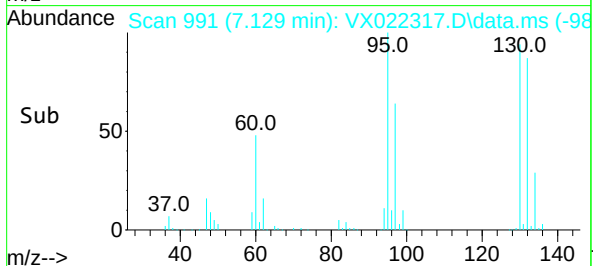
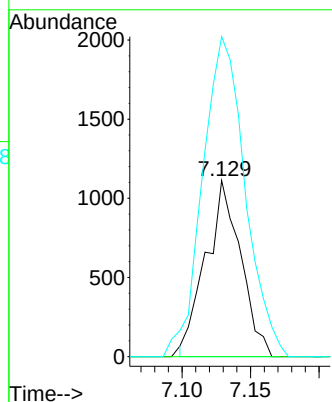
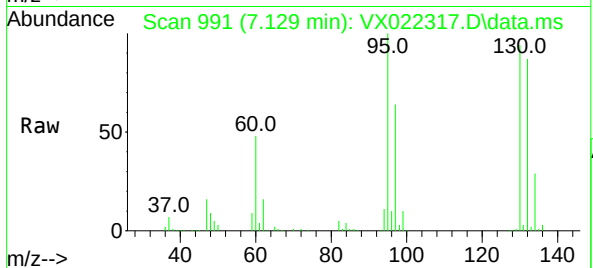
Tgt Ion: 83 Resp: 1966

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 175.4 38.1 57.1#



#41

Methacrylonitrile

Concen: 0.30 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.098 min

Lab File: VX022317.D

Acq: 02 Jun 2021 02:23

Tgt Ion: 41 Resp: 250

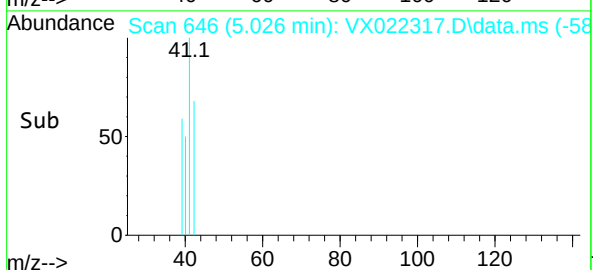
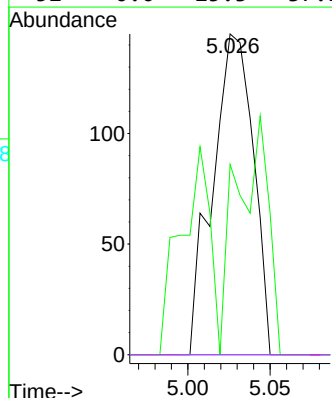
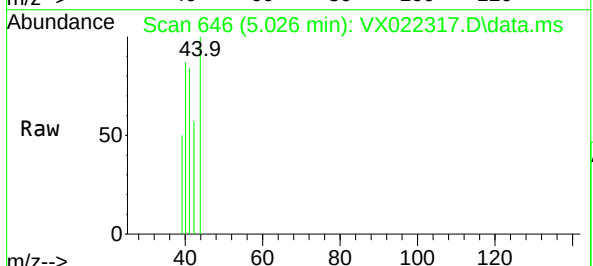
Ion Ratio Lower Upper

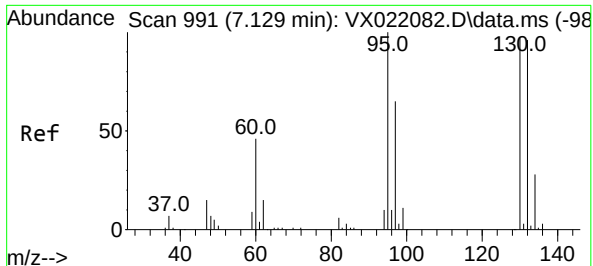
41 100

39 57.6 42.5 63.7

67 0.0 65.0 97.6#

52 0.0 25.3 37.9#

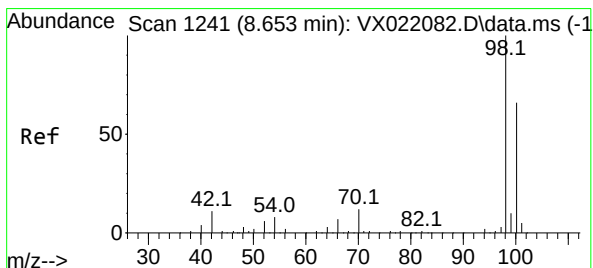
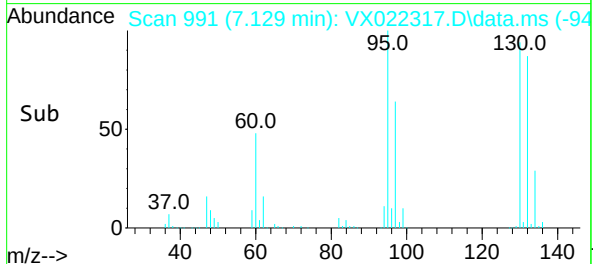
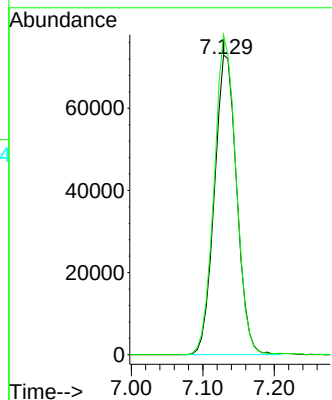
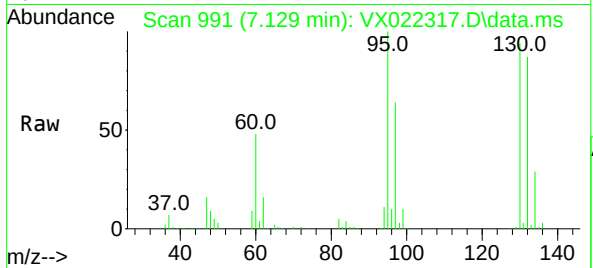




#44
Trichloroethene
Concen: 164.36 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

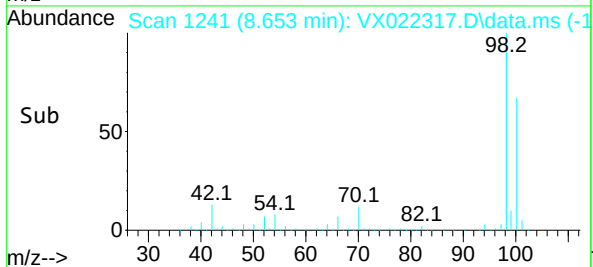
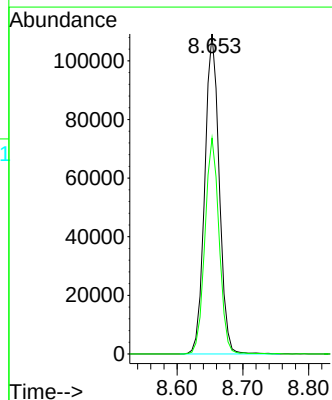
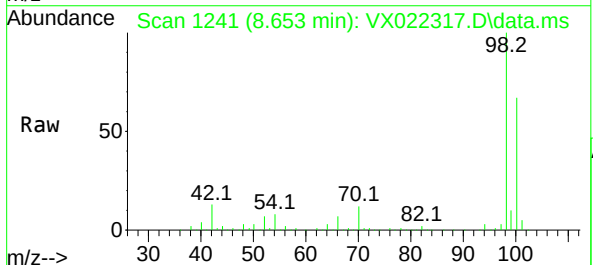
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527

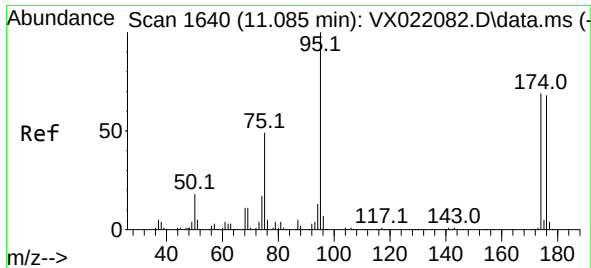
Tgt Ion:130 Resp: 158598
Ion Ratio Lower Upper
130 100
95 106.8 0.0 198.0



#50
Toluene-d8
Concen: 49.85 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Tgt Ion: 98 Resp: 166205
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

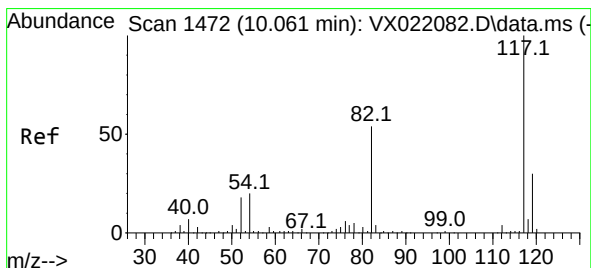
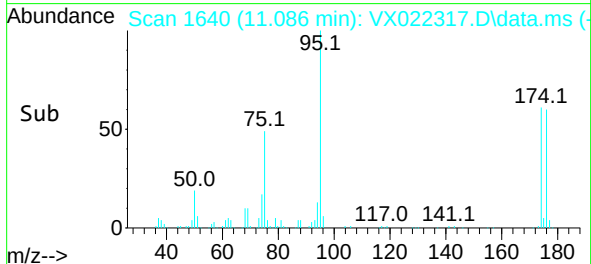
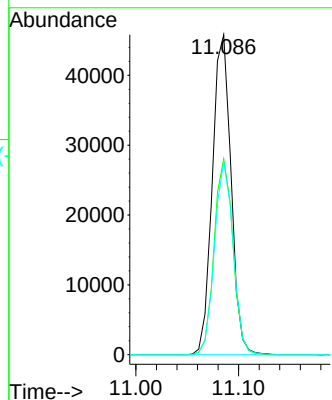
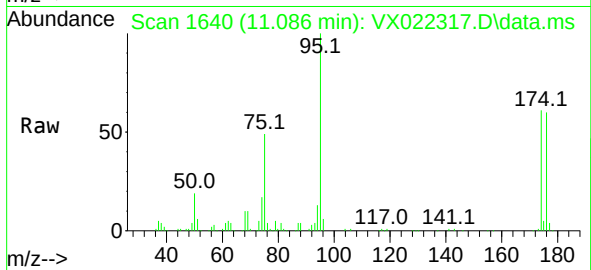




#62
4-Bromofluorobenzene
Concen: 46.84 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

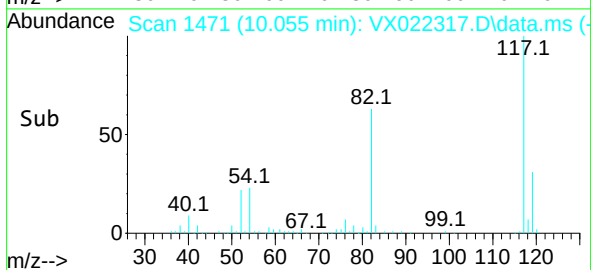
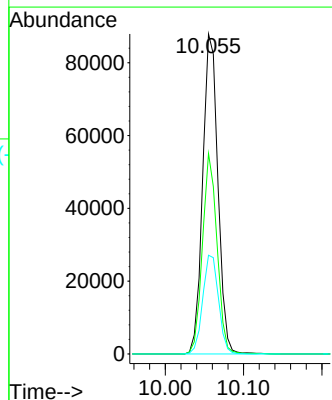
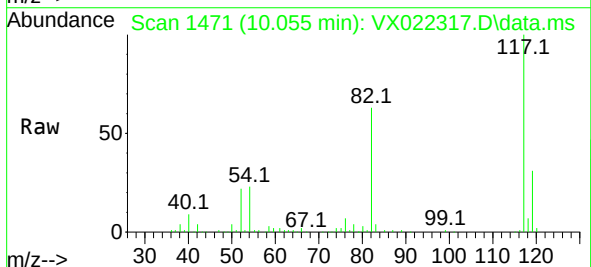
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527

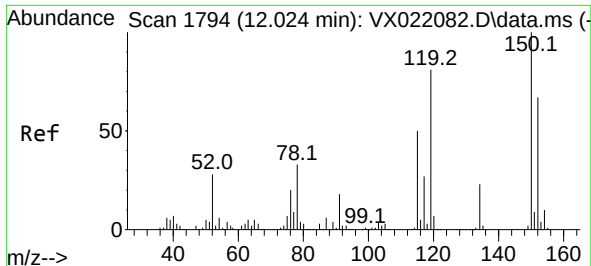
Tgt Ion: 95 Resp: 57723
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 60.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022317.D
Acq: 02 Jun 2021 02:23

Tgt Ion: 117 Resp: 118279
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 30.9 26.6 39.8

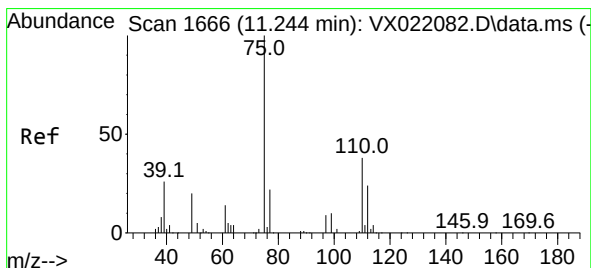
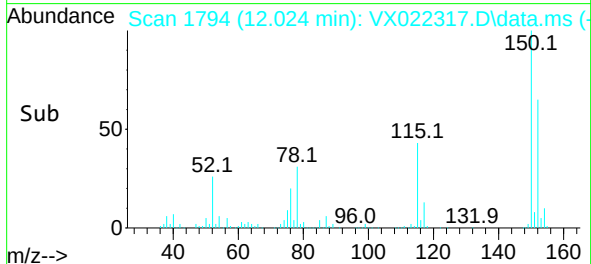
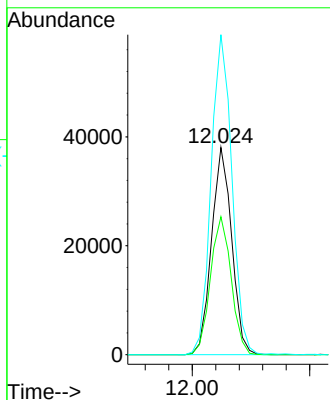
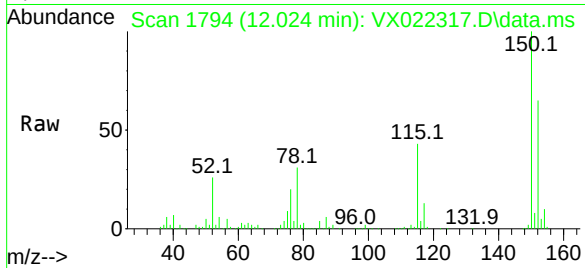




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022317.D
 Acq: 02 Jun 2021 02:23

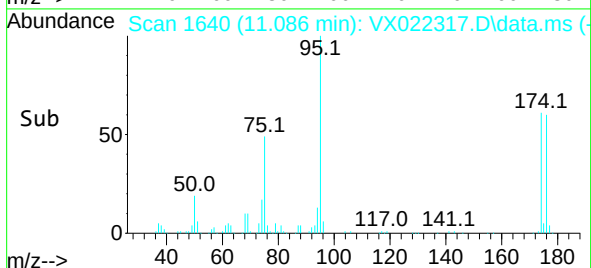
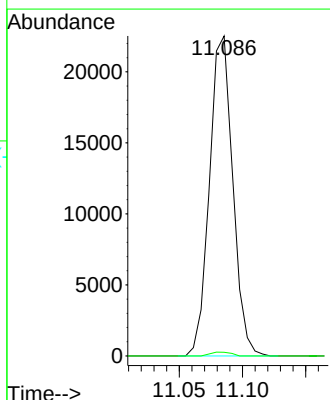
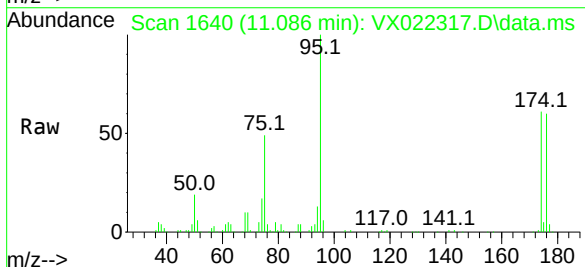
Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20210527

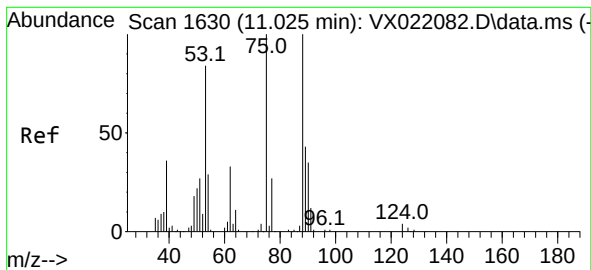
Tgt Ion:152 Resp: 45314
 Ion Ratio Lower Upper
 152 100
 115 68.5 41.1 123.3
 150 159.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.86 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX022317.D
 Acq: 02 Jun 2021 02:23

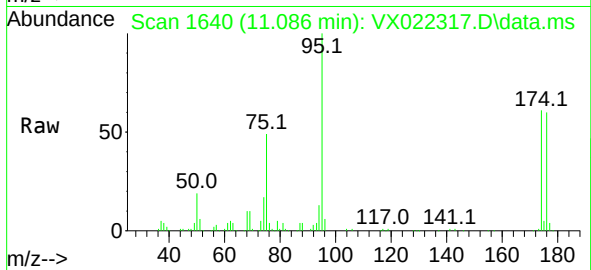
Tgt Ion: 75 Resp: 28904
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.26 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022317.D
 Acq: 02 Jun 2021 02:23

Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20210527



Tgt Ion: 75 Resp: 28904
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

