

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020622.D
 Acq On : 14 Jan 2021 18:54
 Operator : JC/MD
 Sample : M1119-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-BRI-SO-011221

Quant Time: Jan 15 05:12:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

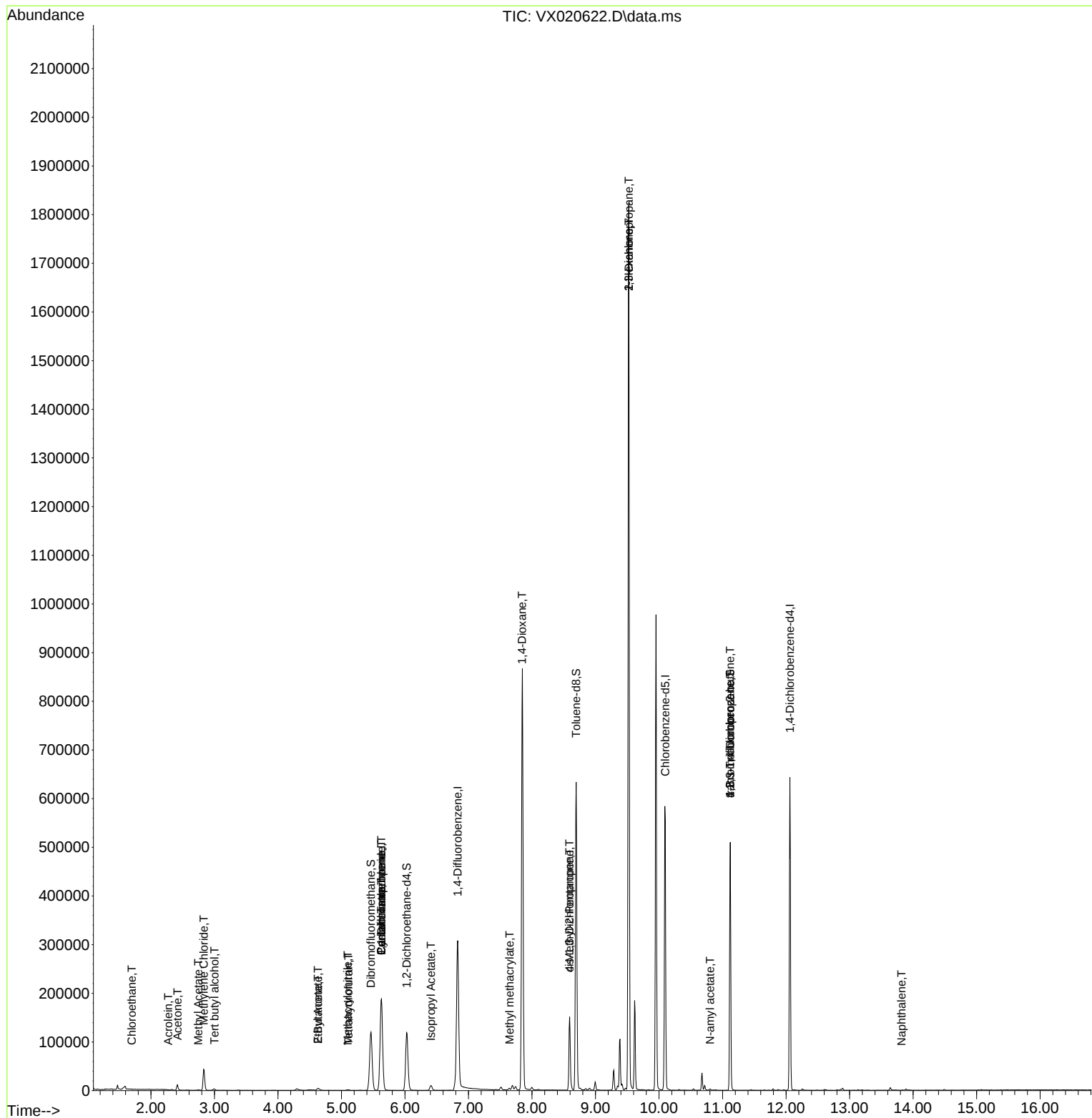
Internal Standards						
1) Pentafluorobenzene	5.629	168	185775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	311178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	286943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	135726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	115718	51.86	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 103.72%		
35) Dibromofluoromethane	5.465	113	104911	48.66	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 97.32%		
50) Toluene-d8	8.696	98	389092	50.43	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 100.86%		
62) 4-Bromofluorobenzene	11.122	95	135672	49.80	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 99.60%		
Target Compounds						
						Qvalue
6) Chloroethane	1.697	64	76	0.48	ug/l #	43
11) Tert butyl alcohol	3.002	59	2383	3.59	ug/l #	76
13) Acrolein	2.270	56	120	0.39	ug/l #	1
16) Acetone	2.416	43	10862	10.47	ug/l	97
18) Methyl Acetate	2.745	43	1428	0.72	ug/l #	86
20) Methylene Chloride	2.831	84	21119	10.02	ug/l	96
25) 2-Butanone	4.629	43	6030	5.00	ug/l	93
29) Tetrahydrofuran	5.111	42	895	1.22	ug/l	87
31) Cyclohexane	5.629	56	3295	1.26	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	12827	4.51	ug/l #	49
37) Ethyl Acetate	4.629	43	6030	2.33	ug/l #	67
38) Carbon Tetrachloride	5.629	117	18134	5.47	ug/l #	18
41) Methacrylonitrile	5.099	41	511	0.38	ug/l #	44
43) Isopropyl Acetate	6.409	43	13235	3.31	ug/l	97
48) Methyl methacrylate	7.647	41	4068	2.09	ug/l #	10
49) 1,4-Dioxane	7.842	88	161	3.28	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	44454	17.90	ug/l #	49
54) cis-1,3-Dichloropropene	8.592	75	26393	7.45	ug/l #	57
57) 1,3-Dichloropropane	9.525	76	17084	4.58	ug/l #	43
59) 2-Hexanone	9.525	43	185421	99.60	ug/l #	49
74) N-amyl acetate	10.805	43	1215	1.60	ug/l #	45
76) 1,2,3-Trichloropropane	11.122	75	64343	22.50	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	64343	61.31	ug/l #	12
95) Naphthalene	13.817	128	171	3.86	ug/l #	69

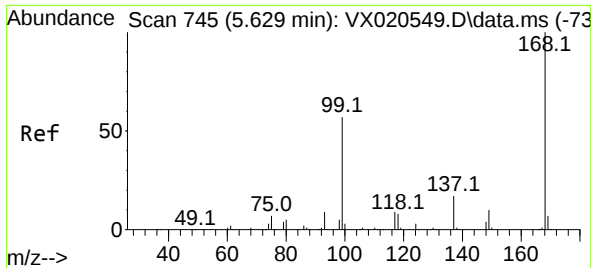
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
IDW-BRI-SO-011221

Quant Time: Jan 15 05:12:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
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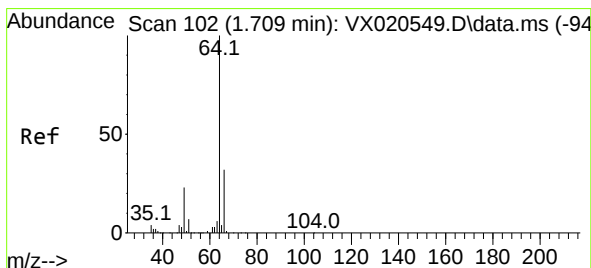
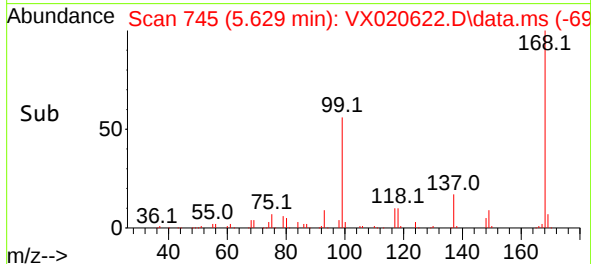
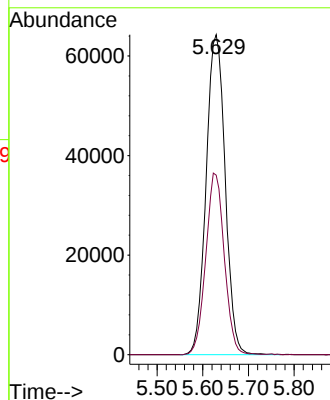
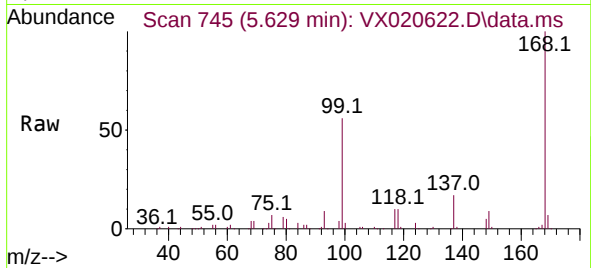




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

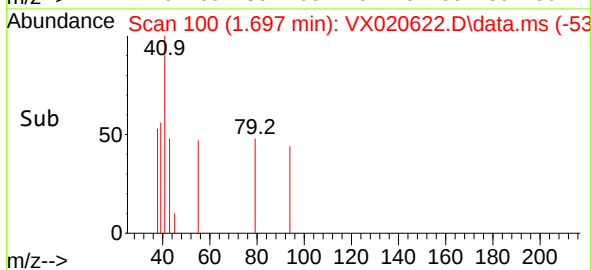
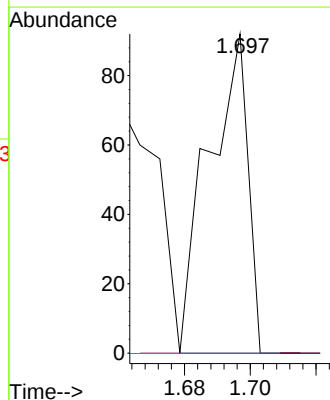
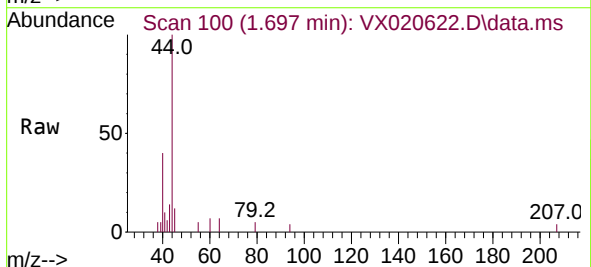
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

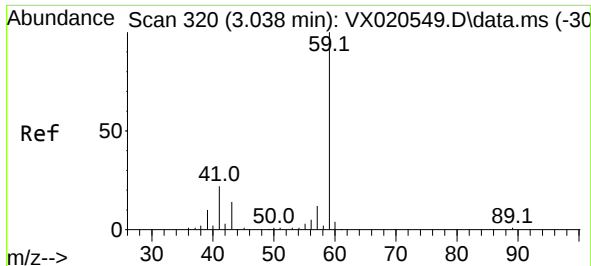
Tgt Ion:168 Resp: 185775
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



#6
Chloroethane
Concen: 0.48 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.012 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



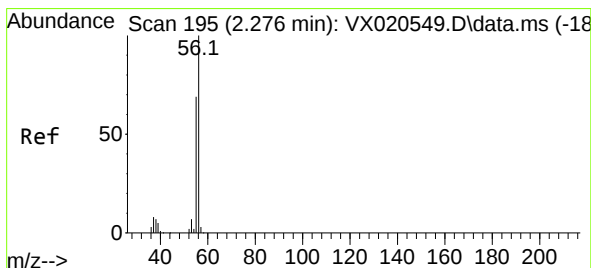
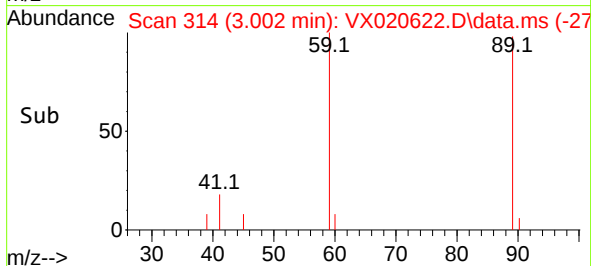
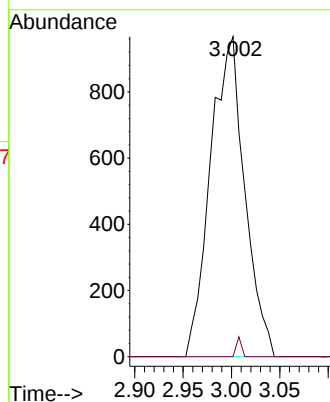
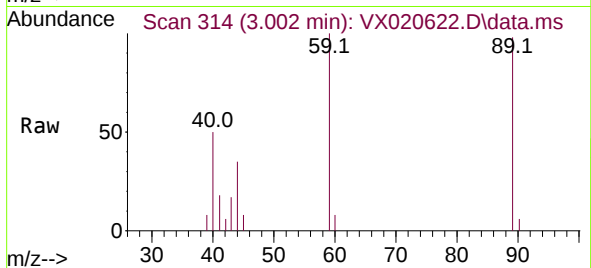


#11

Tert butyl alcohol
Concen: 3.59 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.036 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

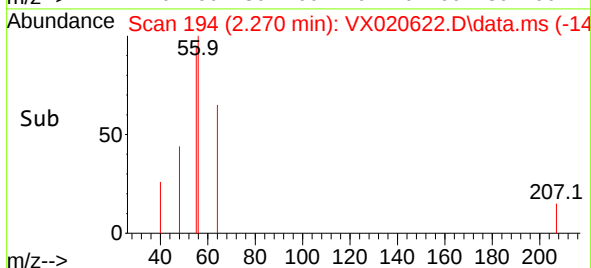
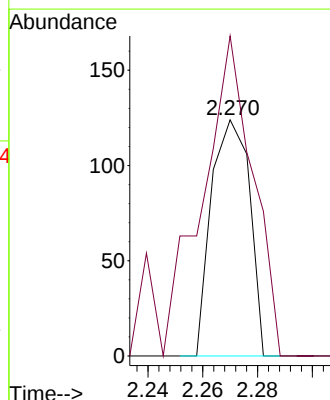
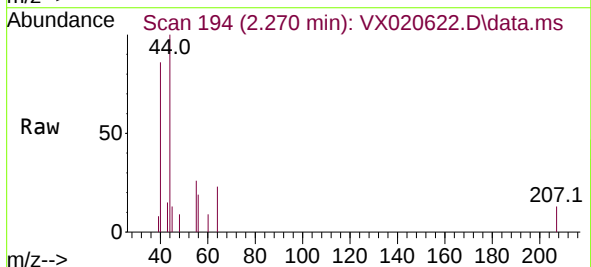
Tgt Ion: 59 Resp: 2383
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.8#

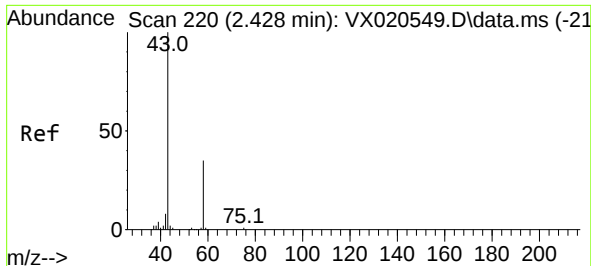


#13

Acrolein
Concen: 0.39 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 195.0 56.4 84.6#

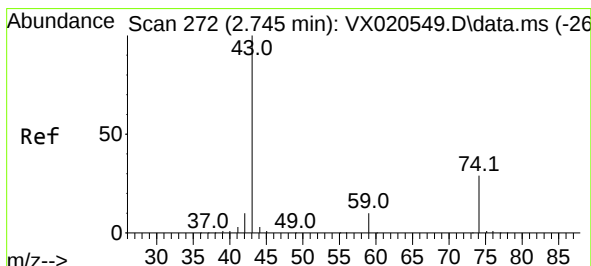
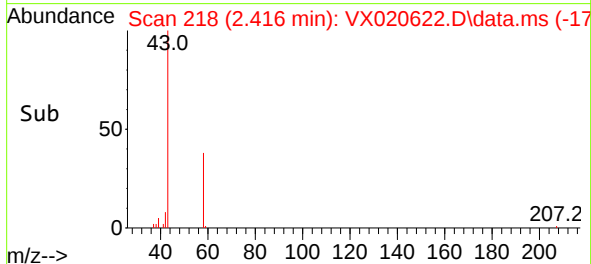
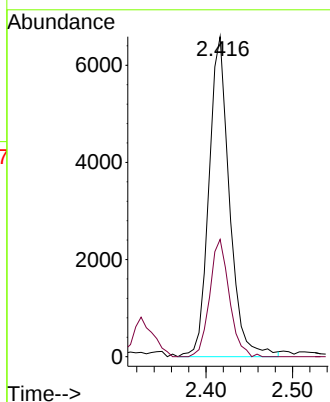
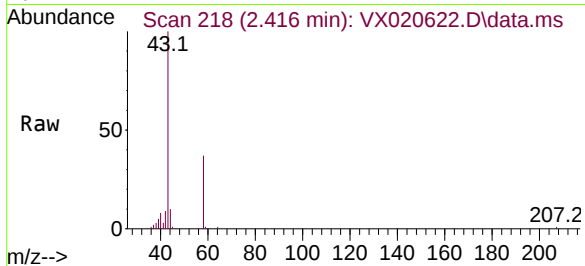




#16
Acetone
Concen: 10.47 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

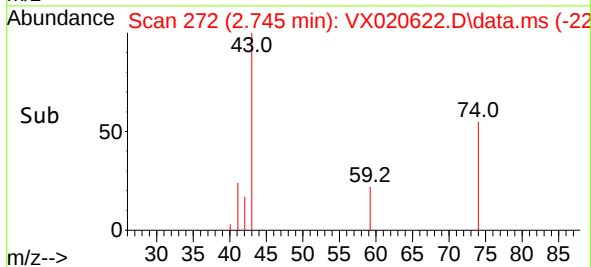
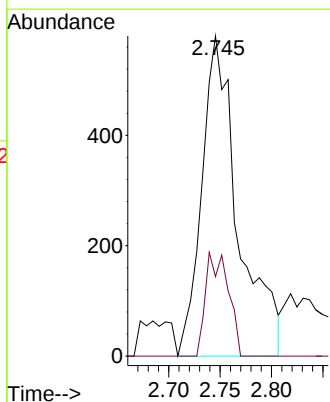
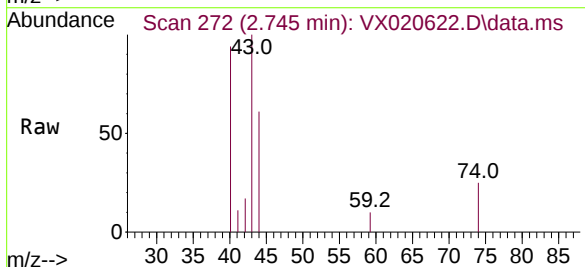
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

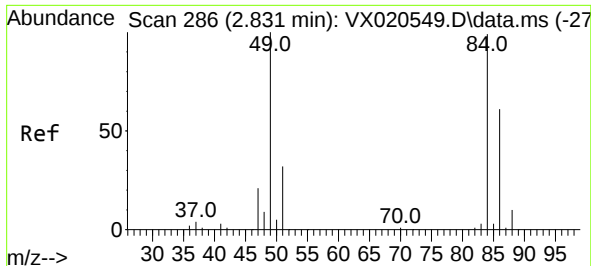
Tgt Ion: 43 Resp: 10862
Ion Ratio Lower Upper
43 100
58 36.7 27.8 41.8



#18
Methyl Acetate
Concen: 0.72 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
74 20.2 21.9 32.9#

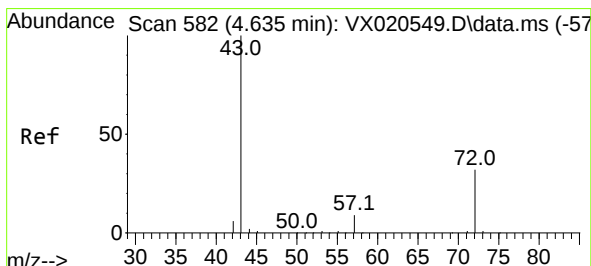
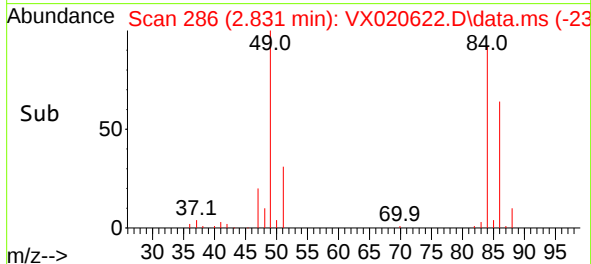
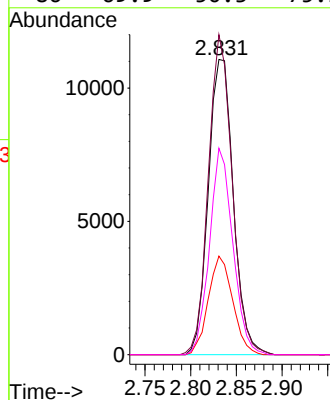
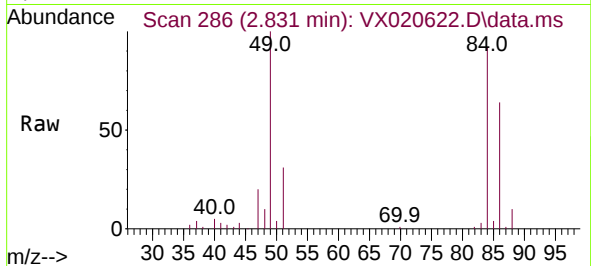




#20
Methylene Chloride
Concen: 10.02 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

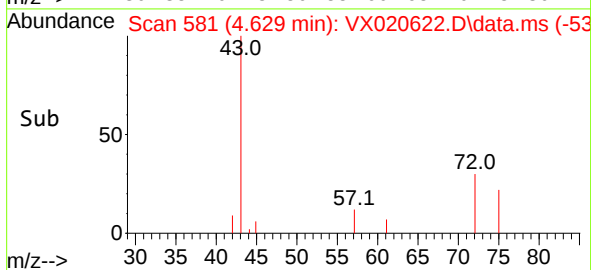
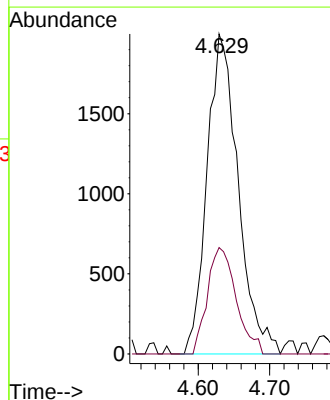
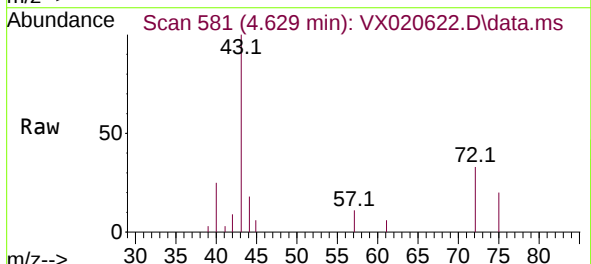
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

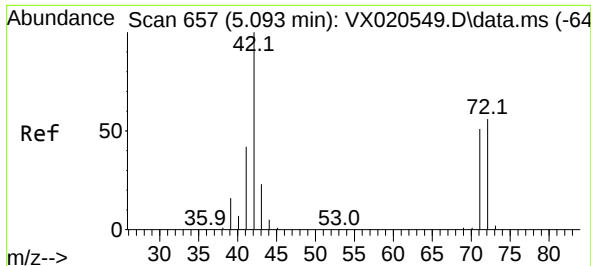
Tgt Ion:	84	Resp:	21119
Ion	Ratio	Lower	Upper
84	100		
49	108.4	88.6	132.8
51	33.4	27.0	40.6
86	69.9	50.3	75.5



#25
2-Butanone
Concen: 5.00 ug/l
RT: 4.629 min Scan# 581
Delta R.T. -0.006 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion:	43	Resp:	6030
Ion	Ratio	Lower	Upper
43	100		
72	33.2	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.22 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.018 min

Lab File: VX020622.D

Acq: 14 Jan 2021 18:54

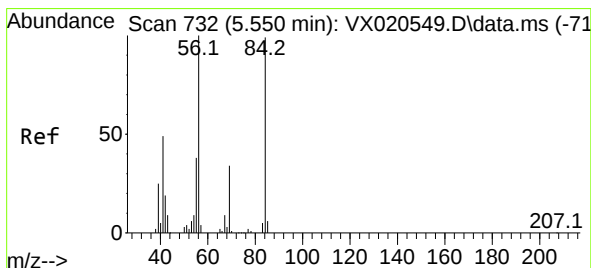
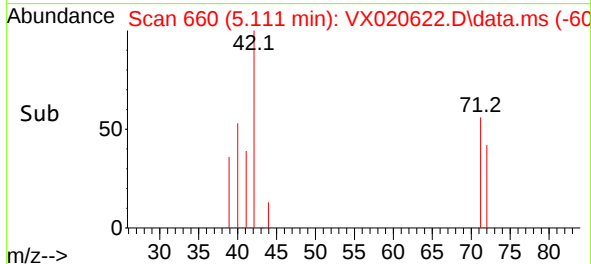
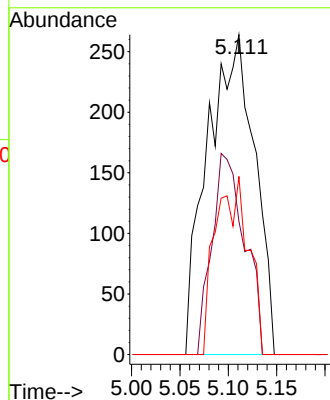
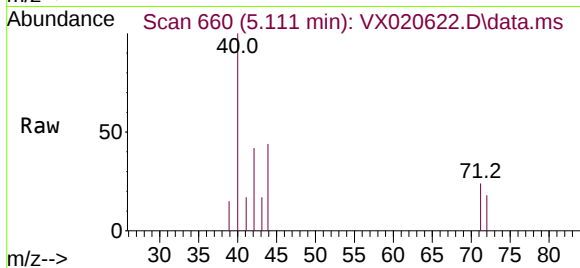
Tgt Ion:	42	Resp:	895
Ion	Ratio	Lower	Upper
42	100		
72	43.7	41.7	62.5
71	38.9	38.4	57.6

Instrument :

MSVOA_X

ClientSampleId :

IDW-BRI-SO-011221



#31

Cyclohexane

Concen: 1.26 ug/l

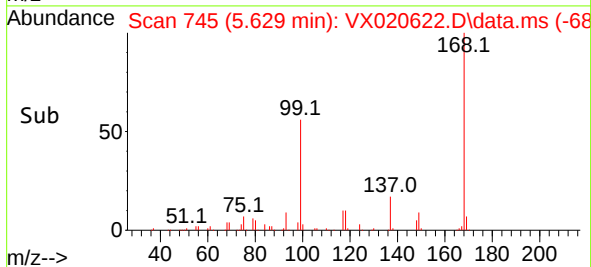
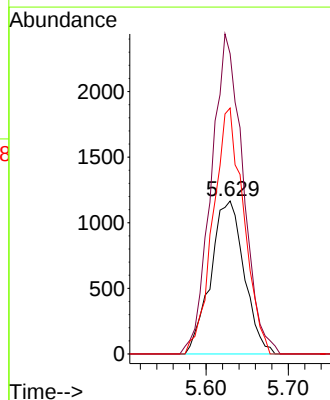
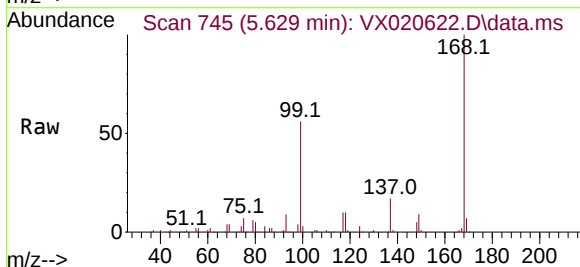
RT: 5.629 min Scan# 745

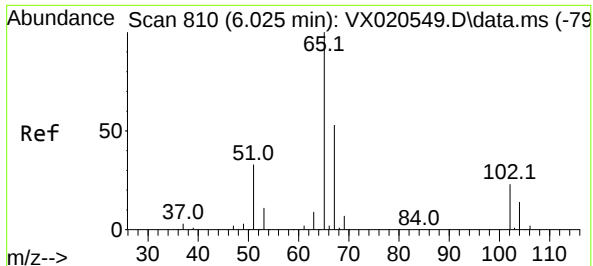
Delta R.T. 0.079 min

Lab File: VX020622.D

Acq: 14 Jan 2021 18:54

Tgt Ion:	56	Resp:	3295
Ion	Ratio	Lower	Upper
56	100		
69	196.2	25.3	37.9#
84	160.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.86 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020622.D

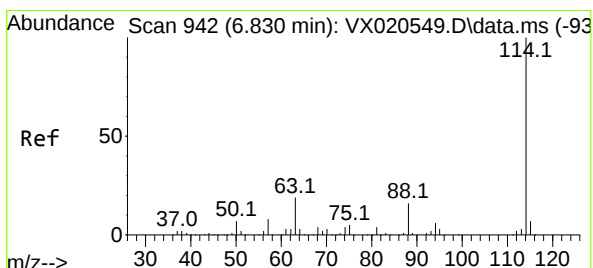
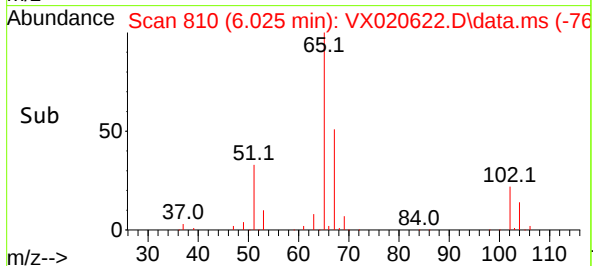
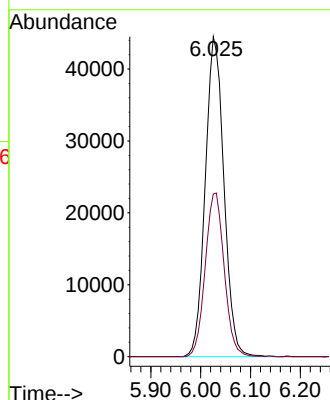
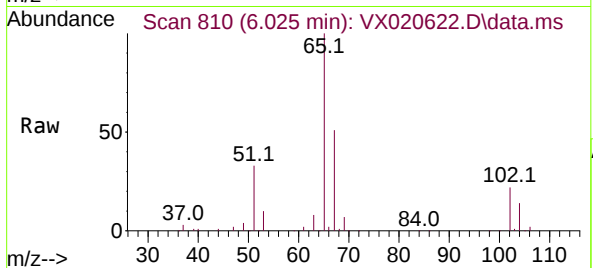
Acq: 14 Jan 2021 18:54

Tgt Ion: 65 Resp: 115718

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020622.D

Acq: 14 Jan 2021 18:54

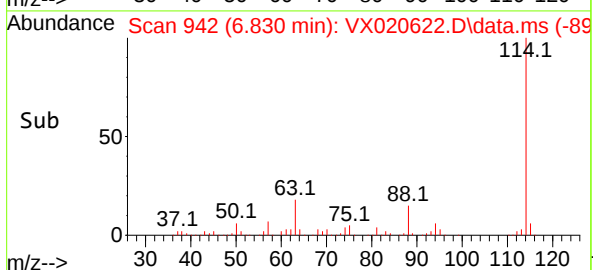
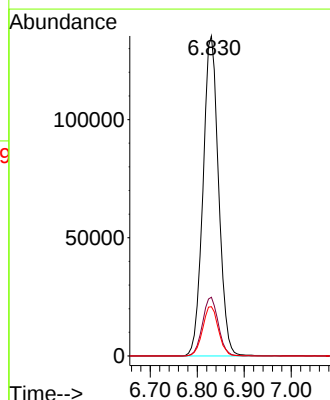
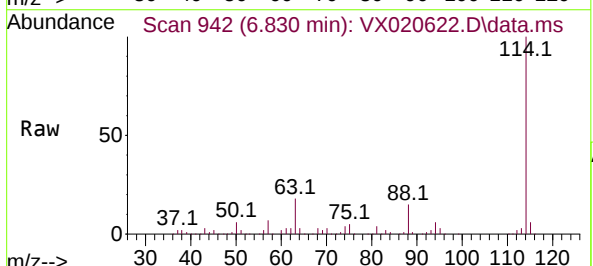
Tgt Ion: 114 Resp: 311178

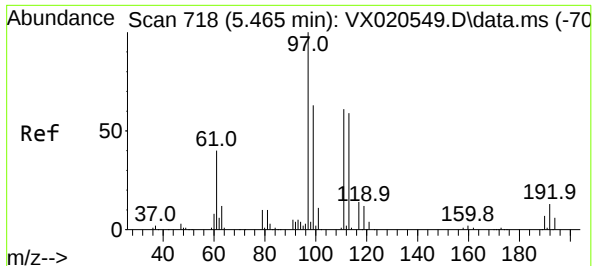
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.8

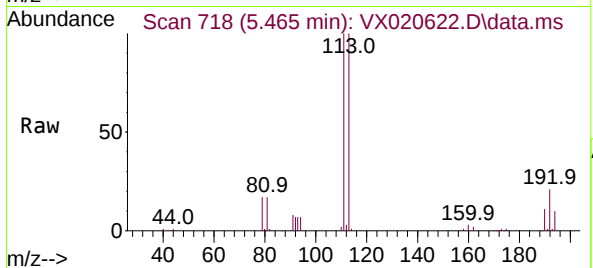
88 15.4 0.0 32.8



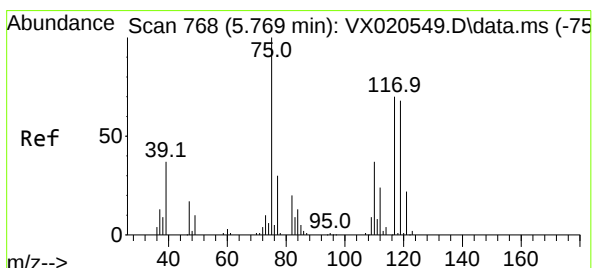
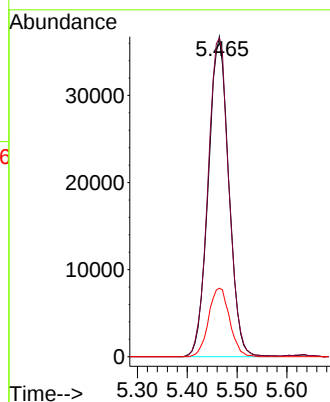
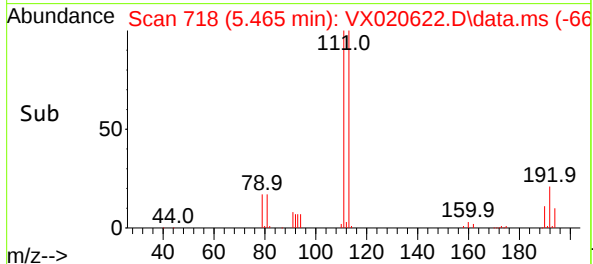


#35
Dibromofluoromethane
Concen: 48.66 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

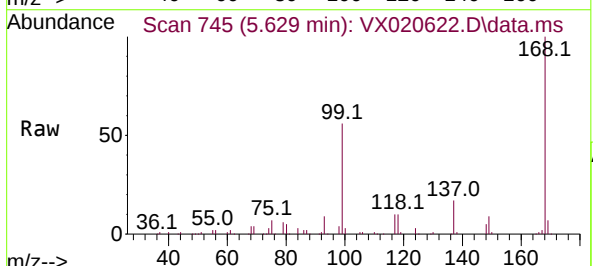
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221



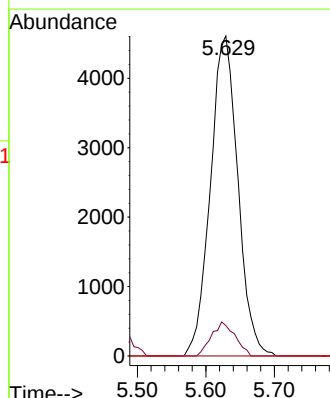
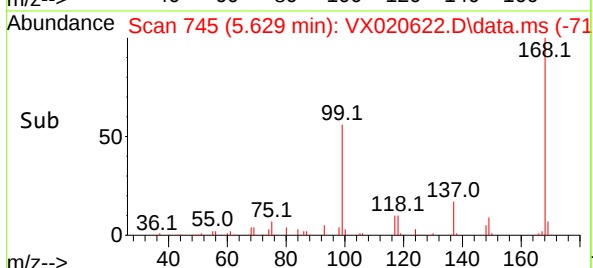
Tgt Ion:113 Resp: 104911
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 21.9 16.7 25.1

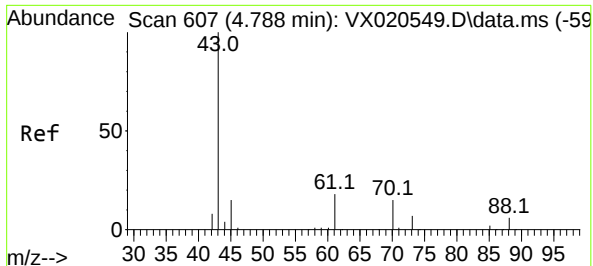


#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54



Tgt Ion: 75 Resp: 12827
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.33 ug/l

RT: 4.629 min Scan# 581

Delta R.T. -0.159 min

Lab File: VX020622.D

Acq: 14 Jan 2021 18:54

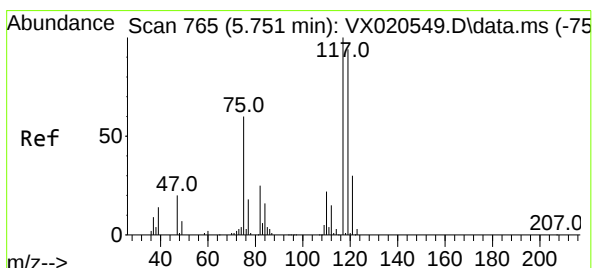
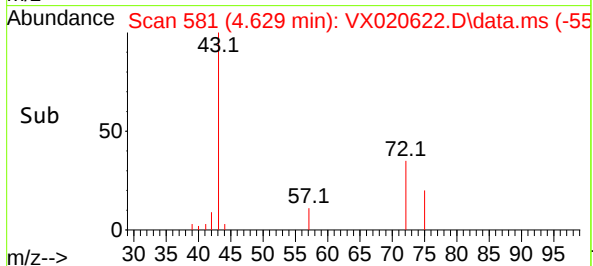
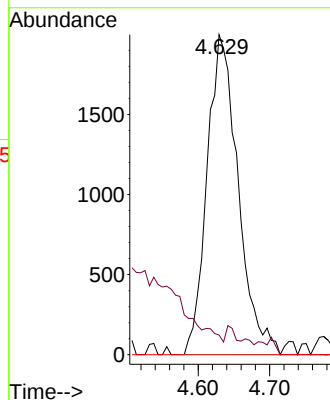
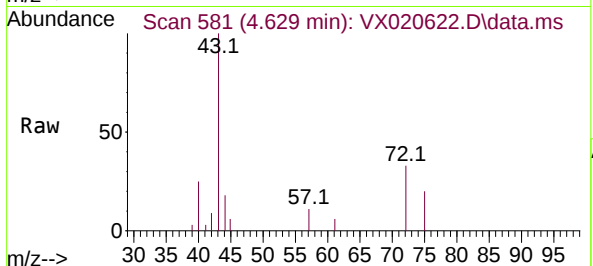
Instrument :

MSVOA_X

ClientSampleId :

IDW-BRI-SO-011221

Tgt Ion: 43	Resp: 6030
Ion Ratio	Lower Upper
43 100	
61 2.1	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 5.47 ug/l

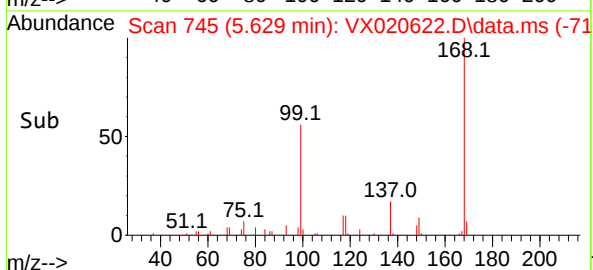
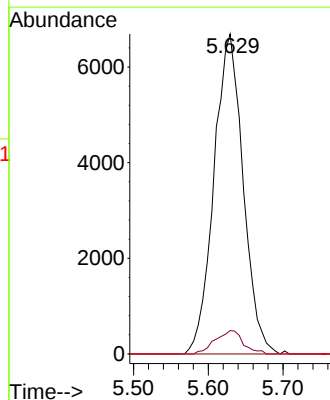
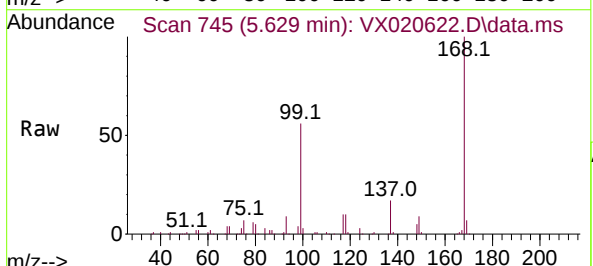
RT: 5.629 min Scan# 745

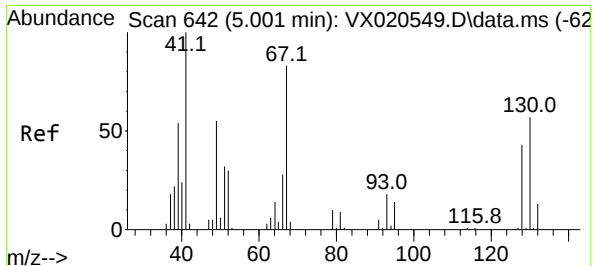
Delta R.T. -0.122 min

Lab File: VX020622.D

Acq: 14 Jan 2021 18:54

Tgt Ion: 117	Resp: 18134
Ion Ratio	Lower Upper
117 100	
119 7.3	76.2 114.2#
121 0.0	24.8 37.2#

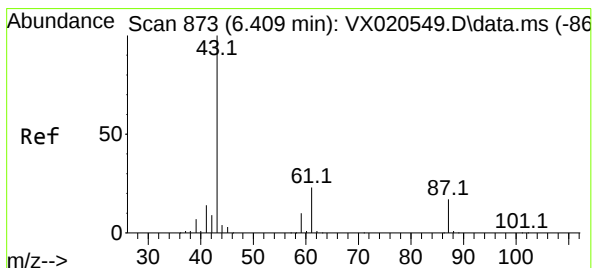
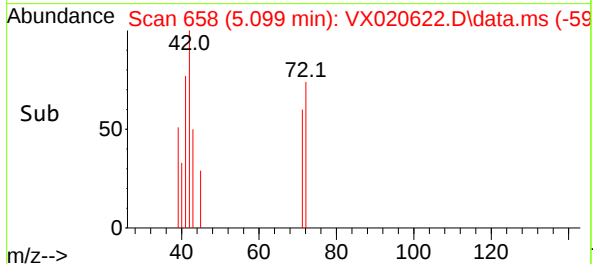
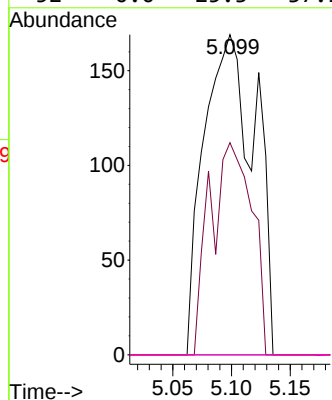
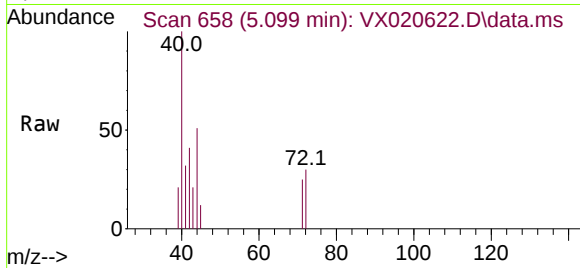




#41
Methacrylonitrile
Concen: 0.38 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.098 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

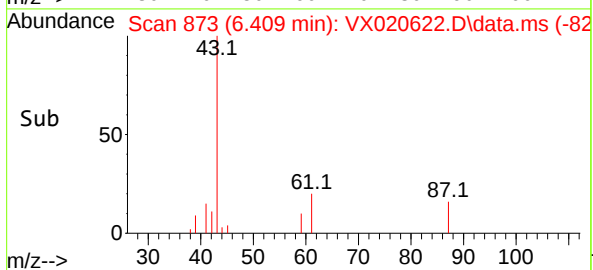
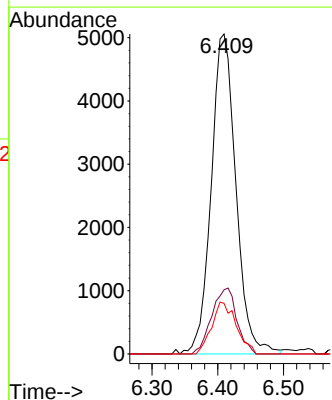
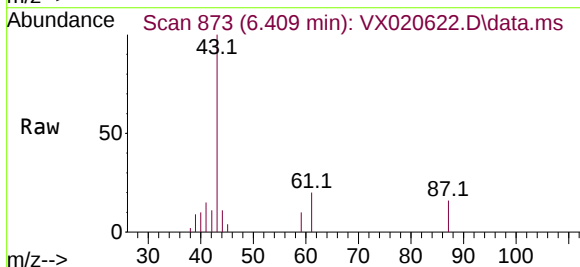
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

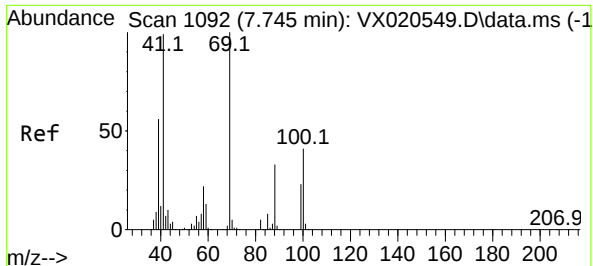
Tgt Ion:	41	Resp:	511
Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 3.31 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion:	43	Resp:	13235
Ion	Ratio	Lower	Upper
43	100		
61	20.9	18.2	27.4
87	16.0	12.5	18.7

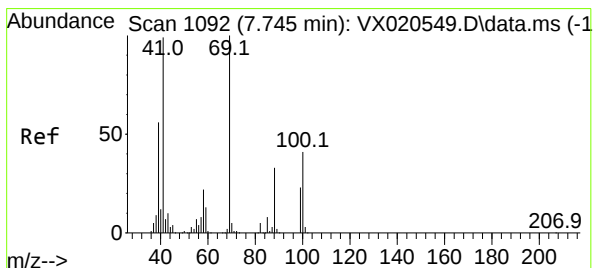
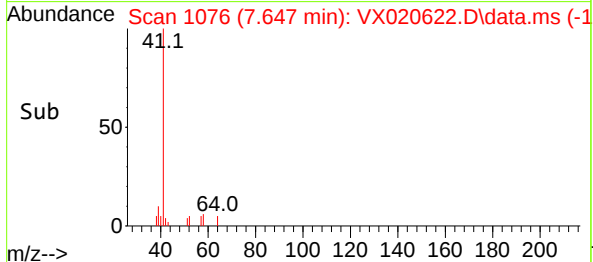
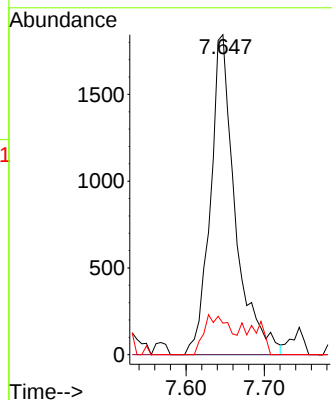
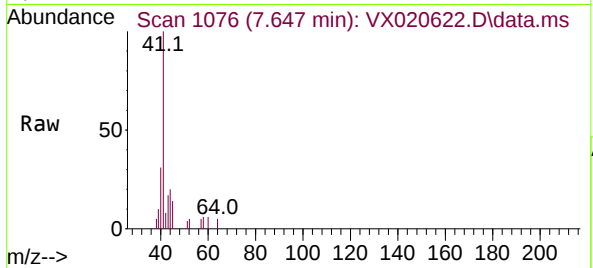




#48
Methyl methacrylate
Concen: 2.09 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

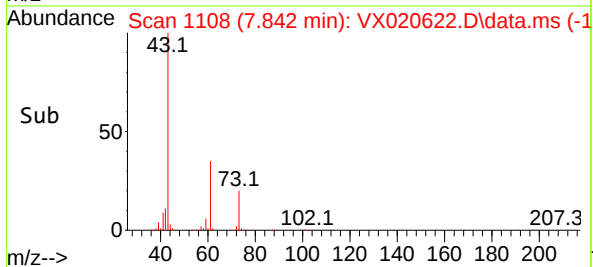
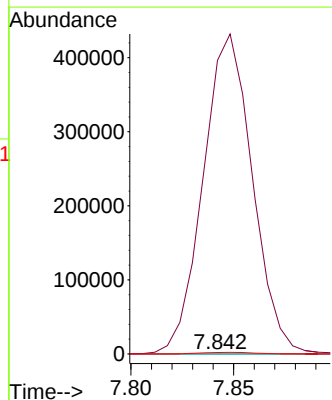
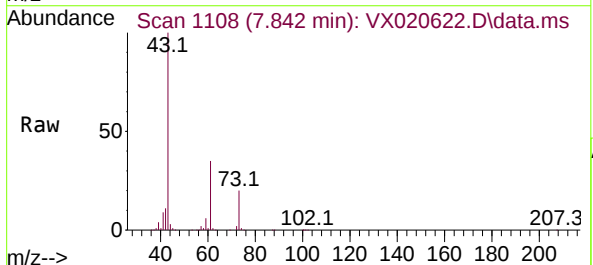
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

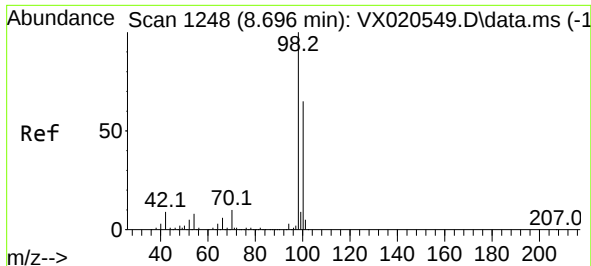
Tgt Ion: 41 Resp: 4068
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.28 ug/l
RT: 7.842 min Scan# 1108
Delta R.T. 0.097 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion: 88 Resp: 161
Ion Ratio Lower Upper
88 100
43 449819.3 23.2 34.8#
58 2585.1 55.0 82.4#

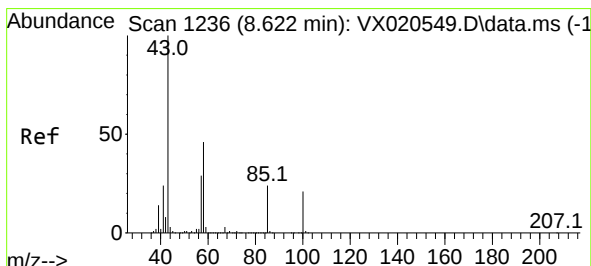
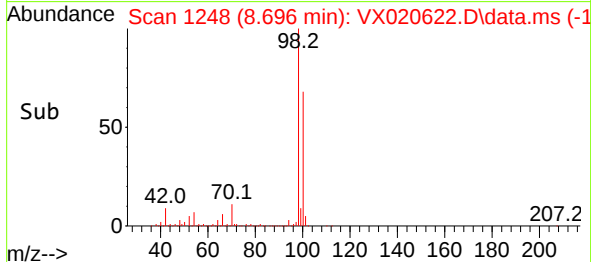
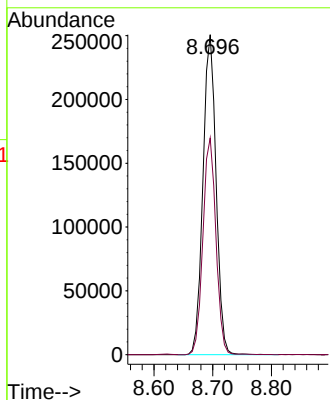
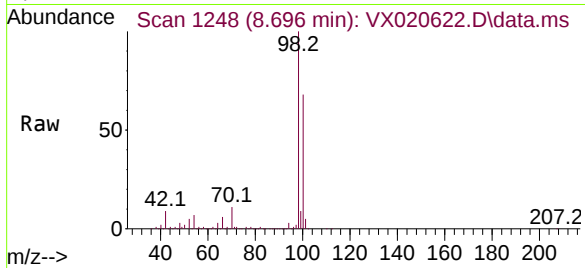




#50
Toluene-d8
Concen: 50.43 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

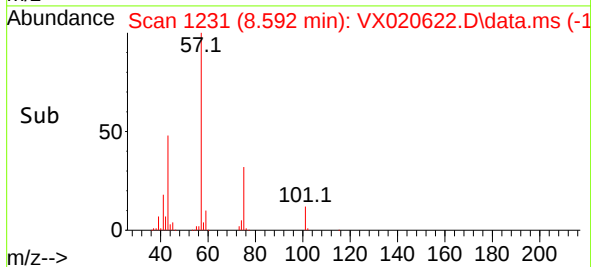
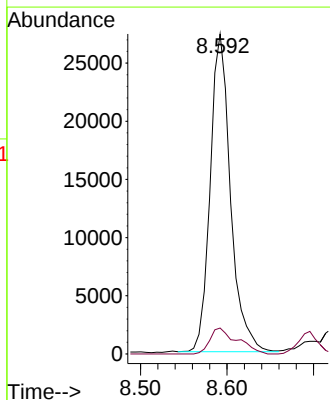
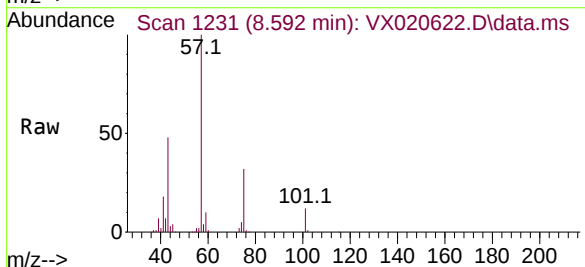
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

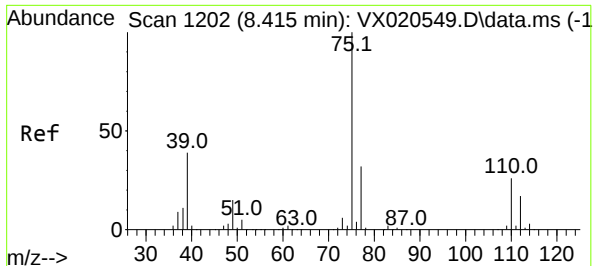
Tgt Ion: 98 Resp: 389092
Ion Ratio Lower Upper
98 100
100 67.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 17.90 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion: 43 Resp: 44454
Ion Ratio Lower Upper
43 100
58 11.0 35.4 53.0#

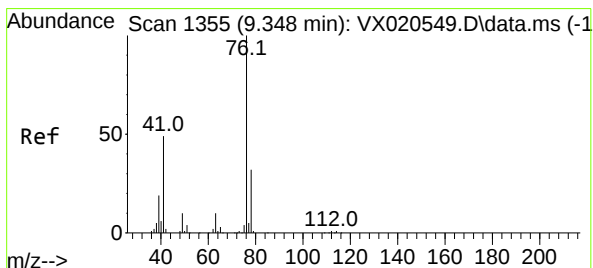
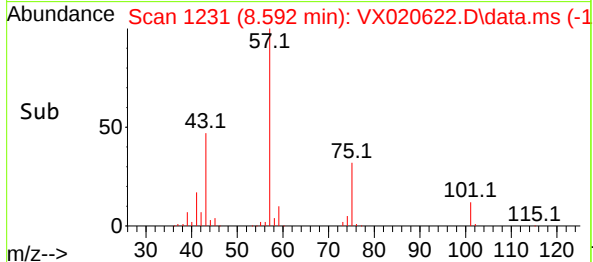
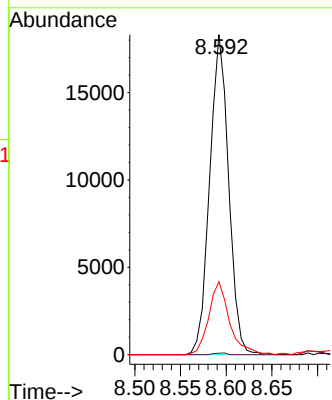
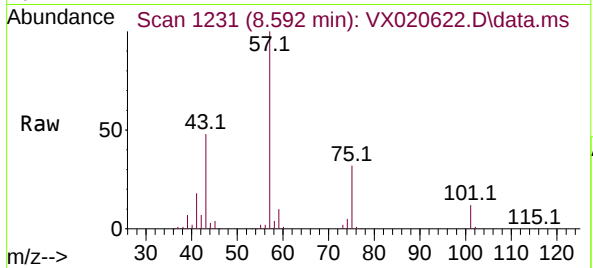




#54
 cis-1,3-Dichloropropene
 Concen: 7.45 ug/l
 RT: 8.592 min Scan# 1231
 Delta R.T. 0.177 min
 Lab File: VX020622.D
 Acq: 14 Jan 2021 18:54

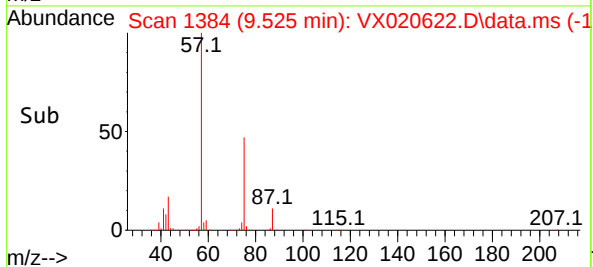
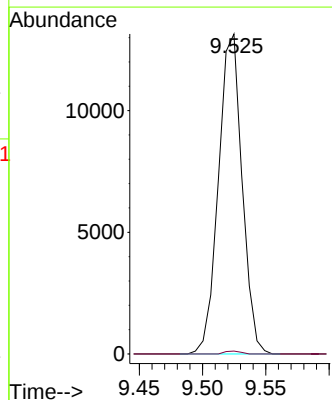
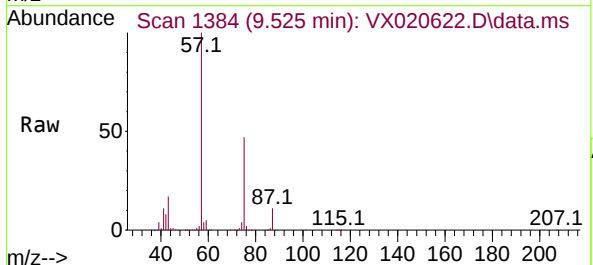
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-BRI-SO-011221

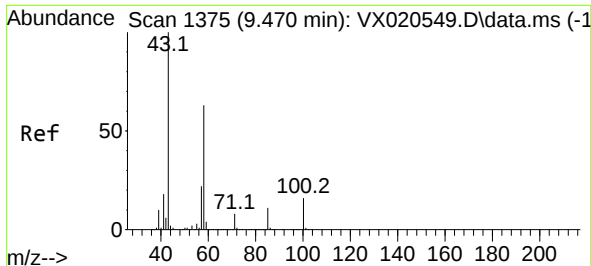
Tgt Ion: 75 Resp: 26393
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 22.8 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 4.58 ug/l
 RT: 9.525 min Scan# 1384
 Delta R.T. 0.177 min
 Lab File: VX020622.D
 Acq: 14 Jan 2021 18:54

Tgt Ion: 76 Resp: 17084
 Ion Ratio Lower Upper
 76 100
 78 0.6 26.2 39.2#

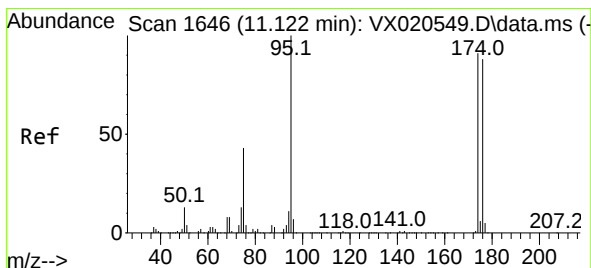
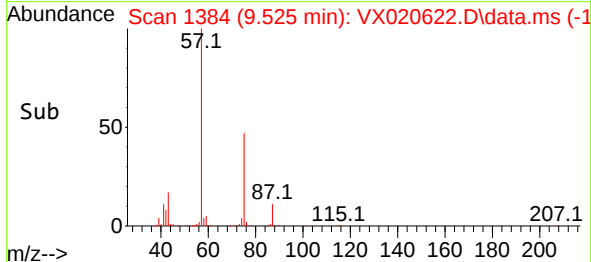
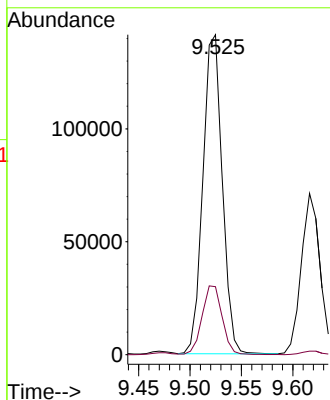
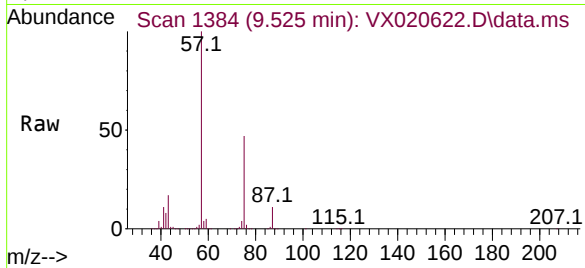




#59
2-Hexanone
Concen: 99.60 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

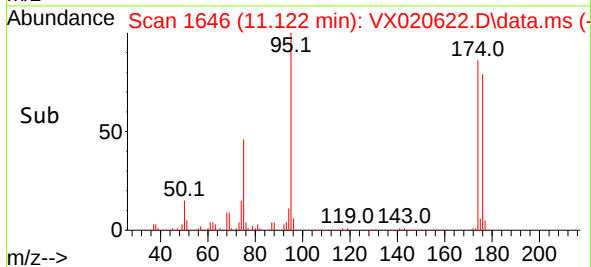
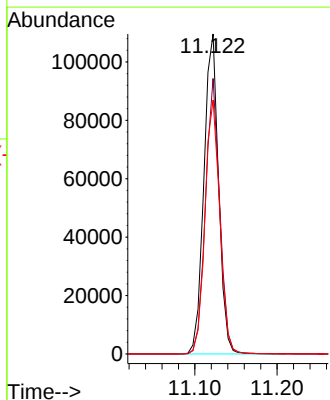
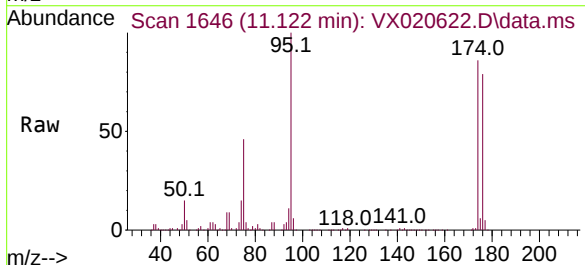
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

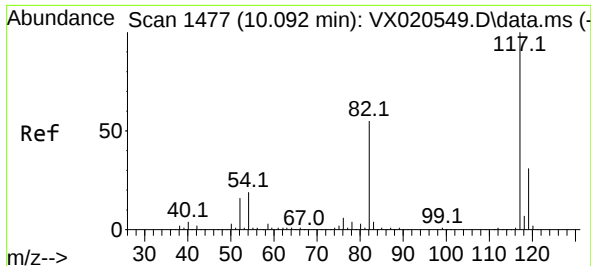
Tgt Ion: 43 Resp: 185421
Ion Ratio Lower Upper
43 100
58 22.4 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.80 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion: 95 Resp: 135672
Ion Ratio Lower Upper
95 100
174 83.7 0.0 154.6
176 80.3 0.0 155.8

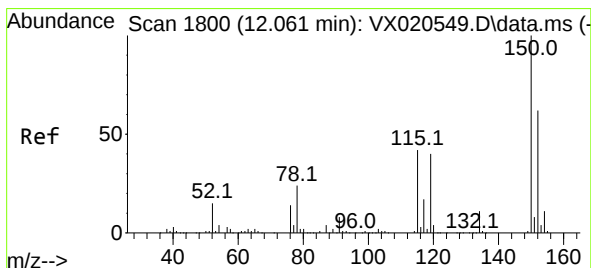
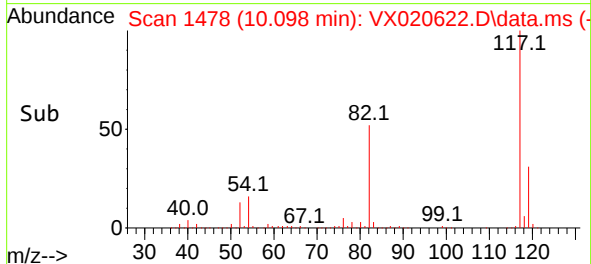
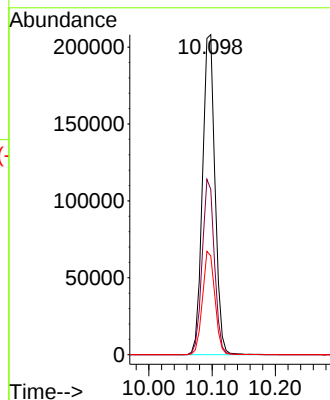
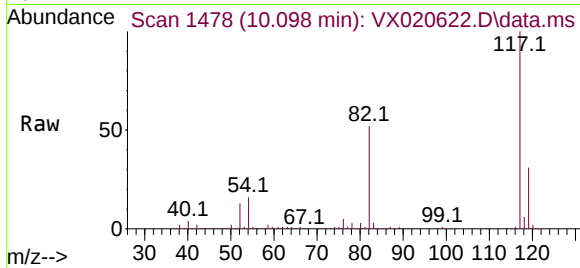




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

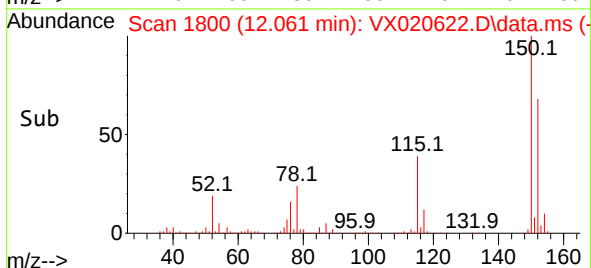
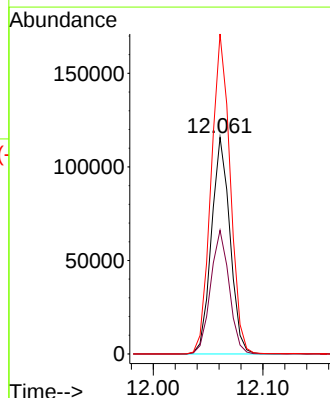
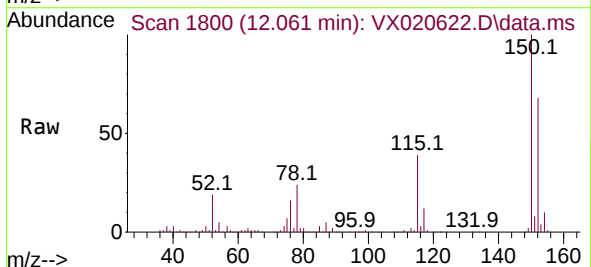
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

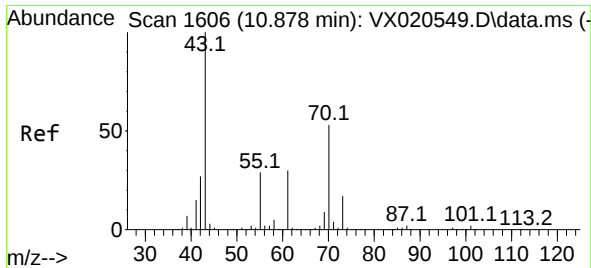
Tgt Ion:117 Resp: 286943
Ion Ratio Lower Upper
117 100
82 51.7 47.4 71.2
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion:152 Resp: 135726
Ion Ratio Lower Upper
152 100
115 57.3 41.1 123.3
150 152.2 0.0 349.0

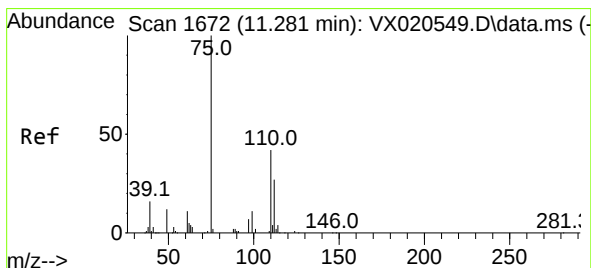
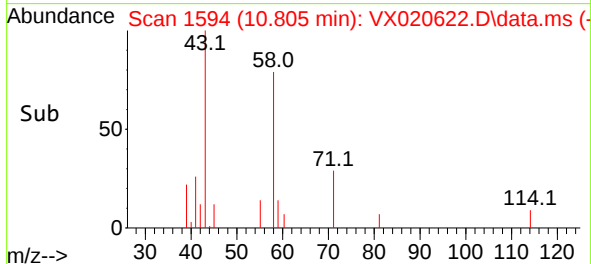
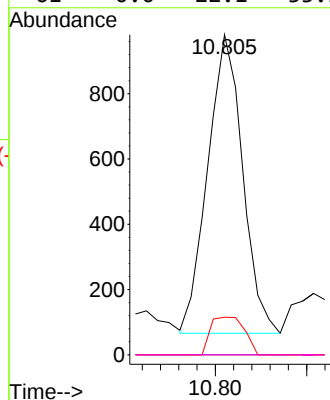
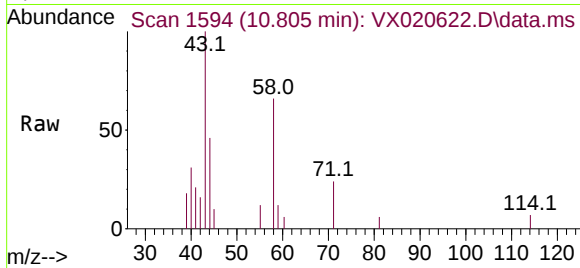




#74
N-amy1 acetate
Concen: 1.60 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

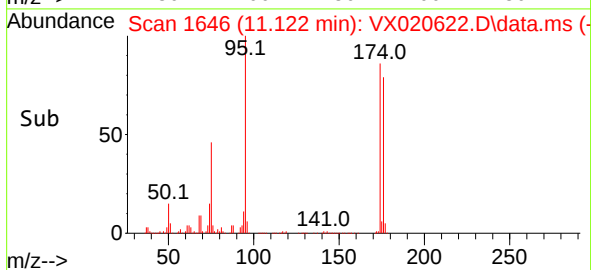
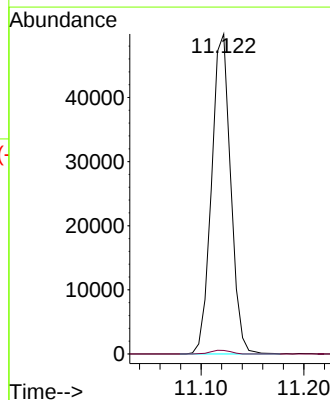
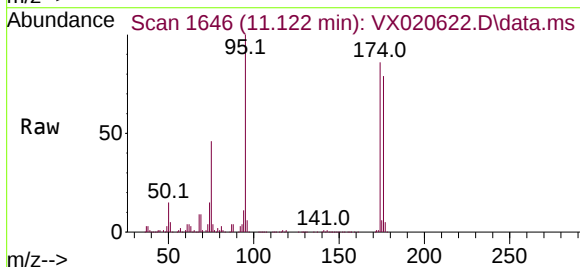
Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

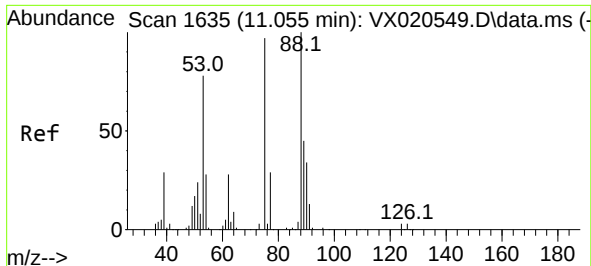
Tgt Ion: 43	Resp: 1215
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 12.3	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion: 75	Resp: 64343
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#

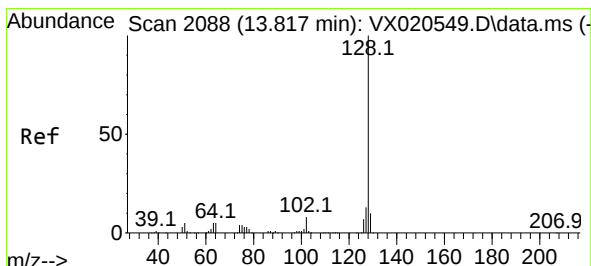
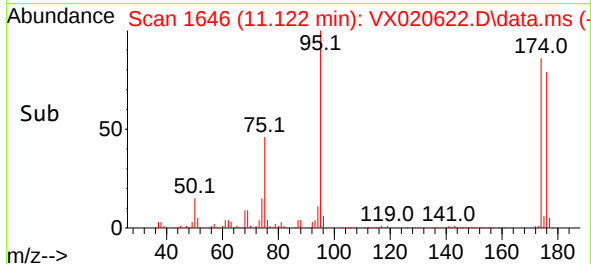
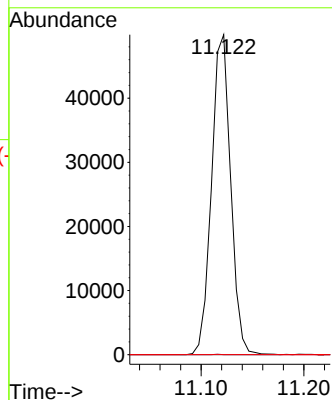
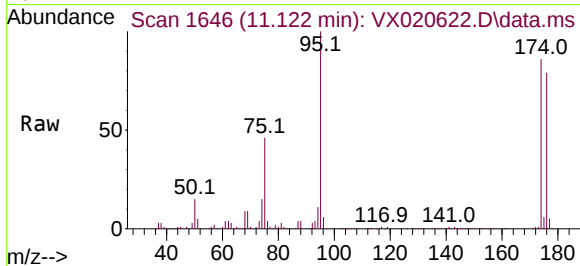




#81
trans-1,4-Dichloro-2-butene
Concen: 61.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Instrument :
MSVOA_X
ClientSampleId :
IDW-BRI-SO-011221

Tgt Ion: 75 Resp: 64343
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020622.D
Acq: 14 Jan 2021 18:54

Tgt Ion: 128 Resp: 171
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

