

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020620.D
 Acq On : 14 Jan 2021 18:08
 Operator : JC/MD
 Sample : M1090-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BORE-2-1FT-7FT

Quant Time: Jan 15 05:12:21 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)

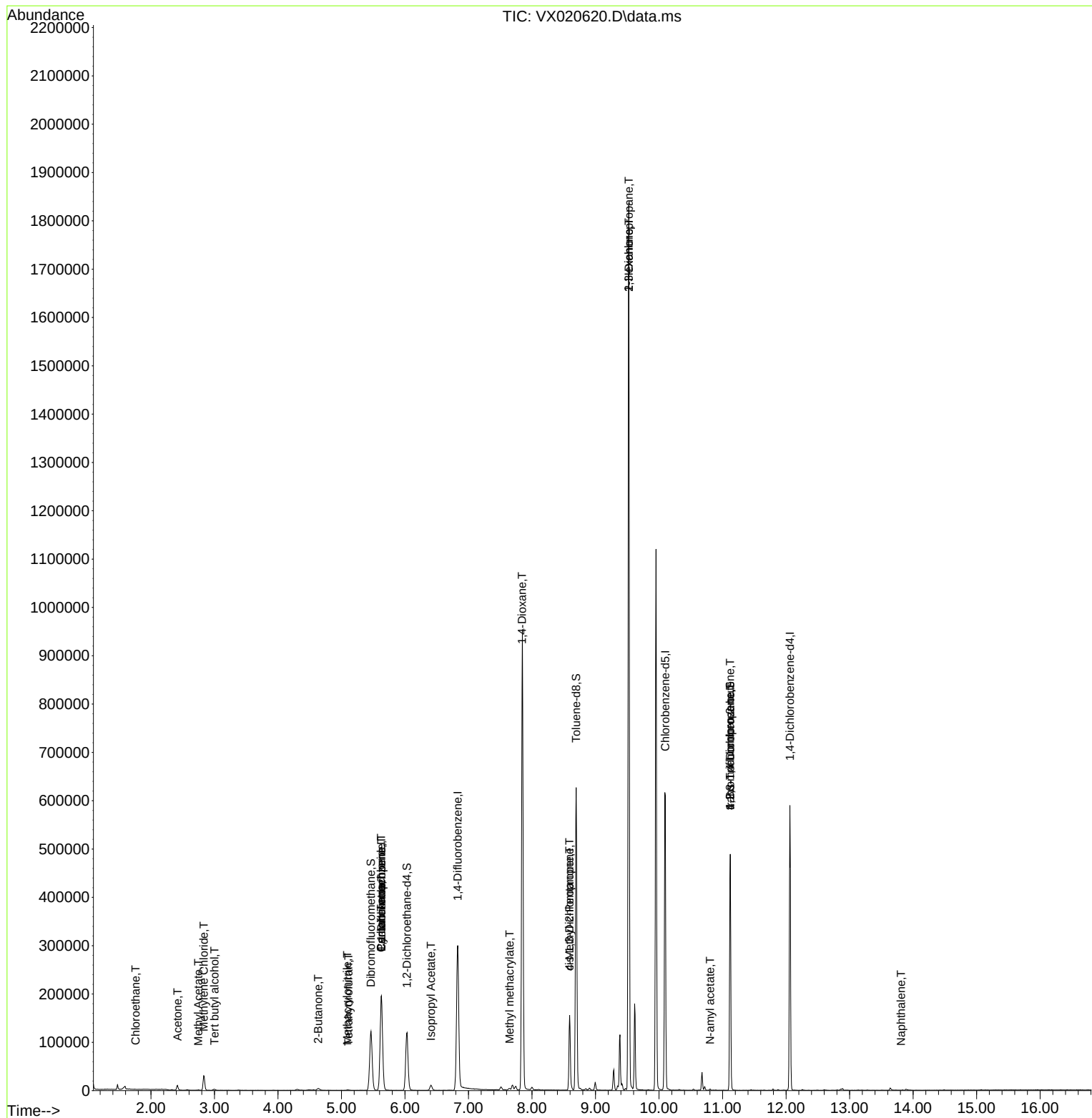
Internal Standards						
1) Pentafluorobenzene	5.629	168	188372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	307182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	306052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	130677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	115627	51.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.20%	
35) Dibromofluoromethane	5.464	113	105314	49.48	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.96%	
50) Toluene-d8	8.695	98	385174	50.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.14%	
62) 4-Bromofluorobenzene	11.122	95	133572	49.66	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.32%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.758	64	41	0.45	ug/l #	43
11) Tert butyl alcohol	3.001	59	1820	2.15	ug/l #	73
16) Acetone	2.416	43	10131	9.31	ug/l	96
18) Methyl Acetate	2.745	43	1260	0.63	ug/l	90
20) Methylene Chloride	2.831	84	14852	6.95	ug/l	99
25) 2-Butanone	4.635	43	5401	4.42	ug/l	100
29) Tetrahydrofuran	5.111	42	812	1.09	ug/l #	72
31) Cyclohexane	5.629	56	3159	1.19	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	12983	4.63	ug/l #	49
38) Carbon Tetrachloride	5.623	117	18366	5.61	ug/l #	17
41) Methacrylonitrile	5.092	41	555	0.42	ug/l #	37
43) Isopropyl Acetate	6.409	43	13345	3.38	ug/l	98
48) Methyl methacrylate	7.647	41	4479	2.33	ug/l #	10
49) 1,4-Dioxane	7.842	88	150	3.10	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	46931	19.14	ug/l #	48
54) cis-1,3-Dichloropropene	8.592	75	26265	7.51	ug/l #	61
57) 1,3-Dichloropropane	9.525	76	17150	4.66	ug/l #	42
59) 2-Hexanone	9.525	43	181468	98.75	ug/l #	49
74) N-amyl acetate	10.805	43	1152	1.60	ug/l #	43
76) 1,2,3-Trichloropropane	11.122	75	62591	22.74	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	62591	61.95	ug/l #	12
95) Naphthalene	13.810	128	122	3.86	ug/l #	69

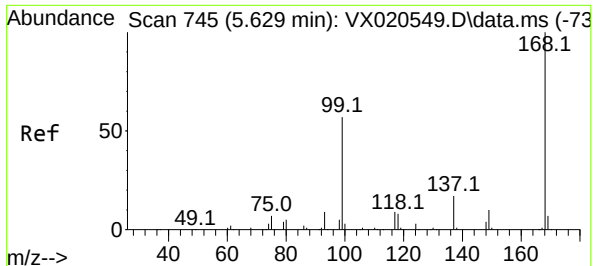
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
Data File : VX020620.D
Acq On : 14 Jan 2021 18:08
Operator : JC/MD
Sample : M1090-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

Quant Time: Jan 15 05:12:21 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

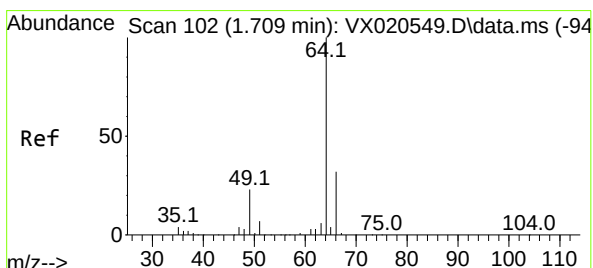
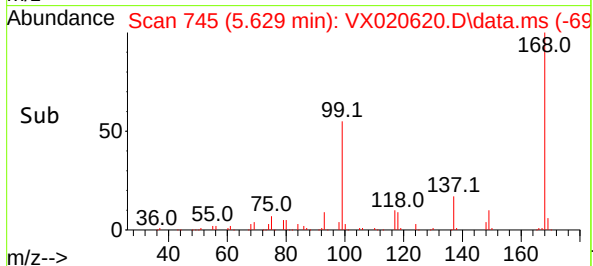
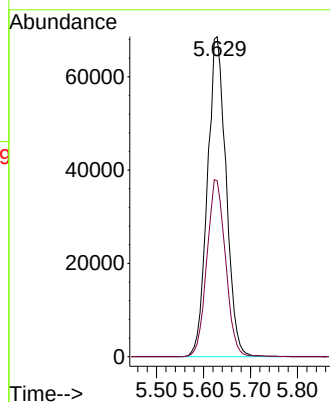
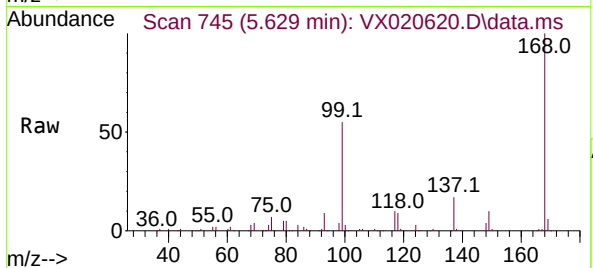




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

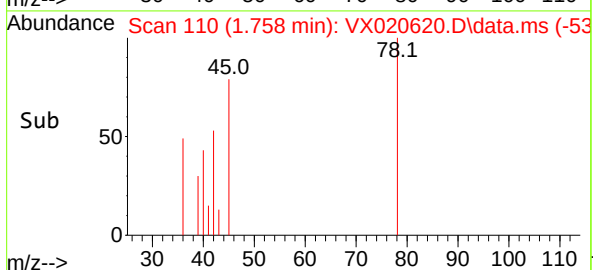
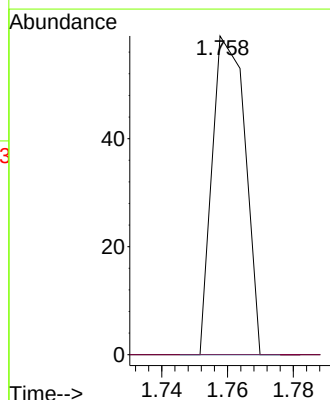
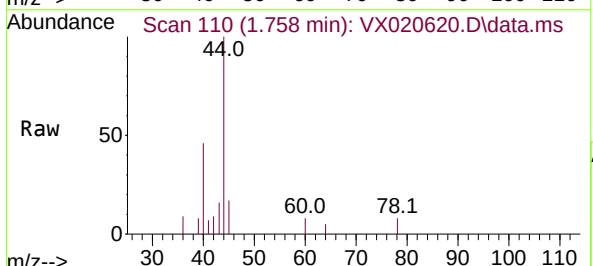
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

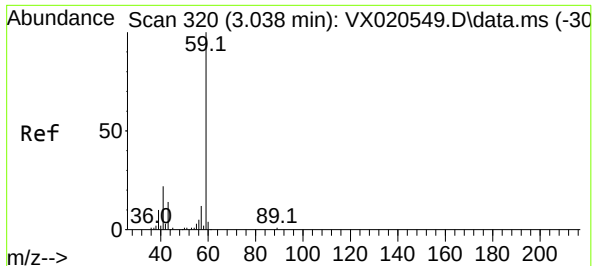
Tgt Ion:168 Resp: 188372
Ion Ratio Lower Upper
168 100
99 55.0 45.8 68.6



#6
Chloroethane
Concen: 0.45 ug/l
RT: 1.758 min Scan# 110
Delta R.T. 0.049 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



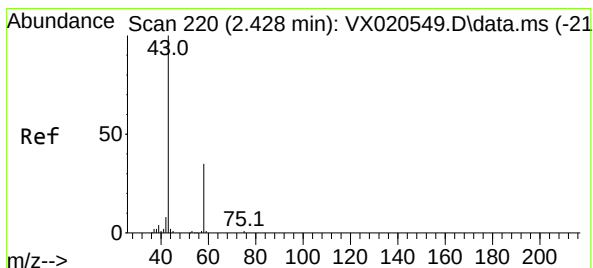
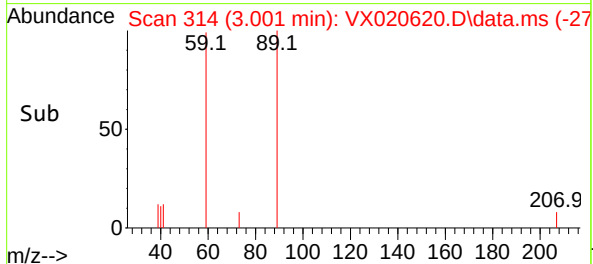
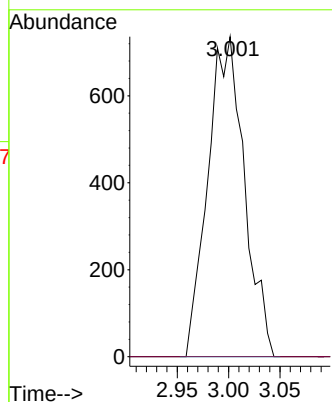
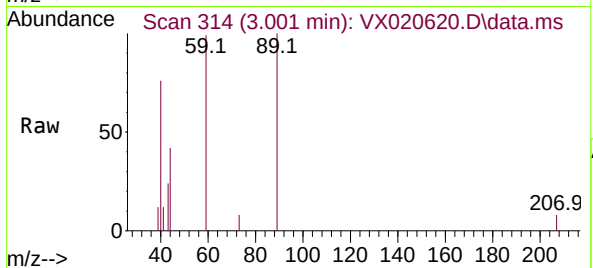


#11

Tert butyl alcohol
Concen: 2.15 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.037 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

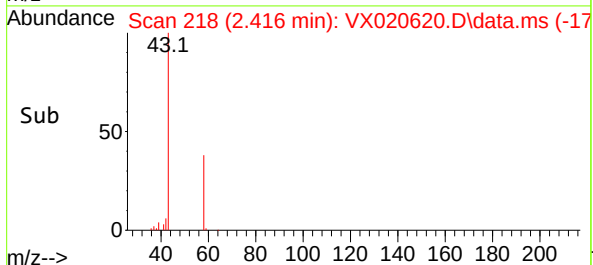
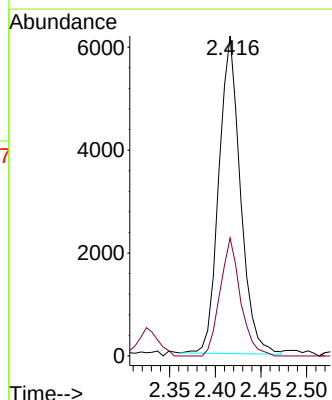
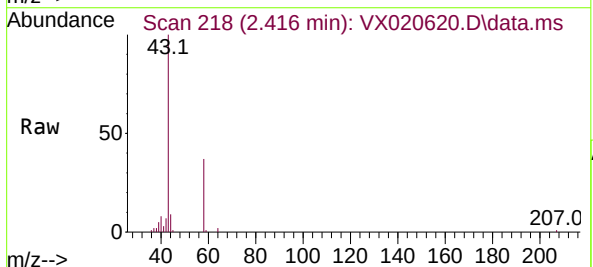
Tgt Ion: 59 Resp: 1820
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

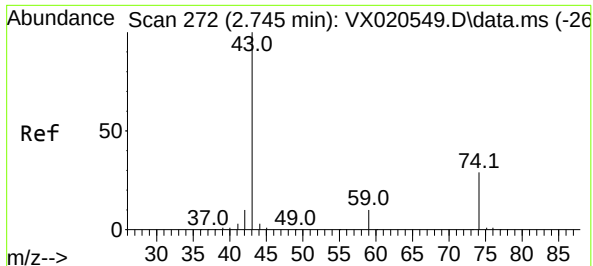


#16

Acetone
Concen: 9.31 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion: 43 Resp: 10131
Ion Ratio Lower Upper
43 100
58 37.2 27.8 41.8





#18

Methyl Acetate

Concen: 0.63 ug/l

RT: 2.745 min Scan# 272

Delta R.T. 0.000 min

Lab File: VX020620.D

Acq: 14 Jan 2021 18:08

Tgt Ion: 43 Resp: 1260

Ion Ratio Lower Upper

43 100

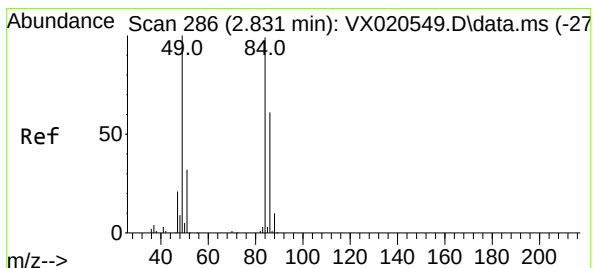
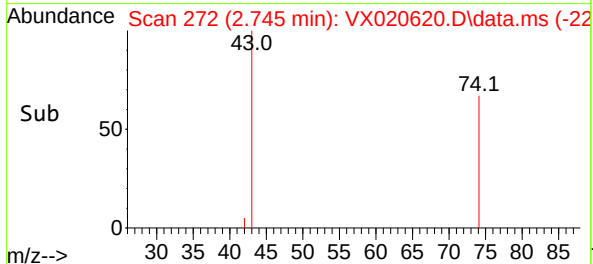
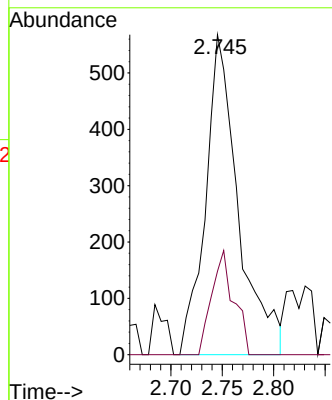
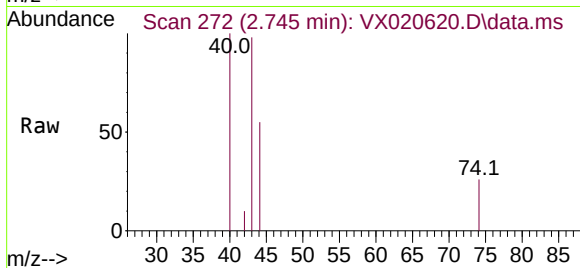
74 22.0 21.9 32.9

Instrument :

MSVOA_X

ClientSampleId :

BORE-2-1FT-7FT



#20

Methylene Chloride

Concen: 6.95 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020620.D

Acq: 14 Jan 2021 18:08

Tgt Ion: 84 Resp: 14852

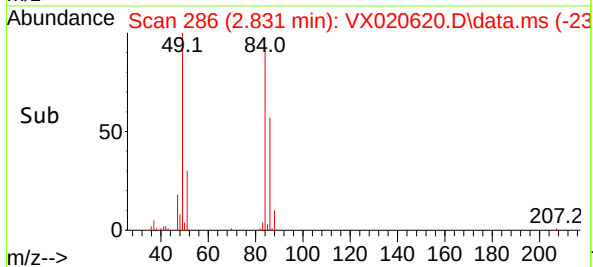
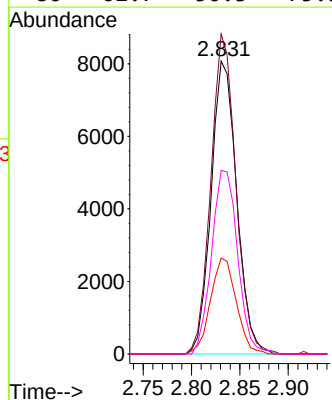
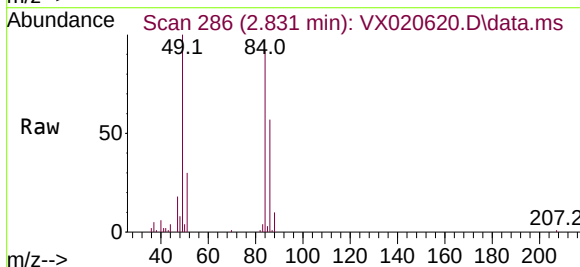
Ion Ratio Lower Upper

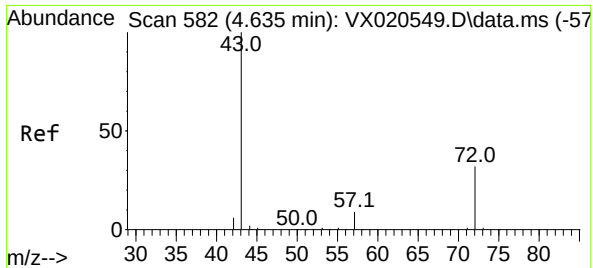
84 100

49 109.3 88.6 132.8

51 32.7 27.0 40.6

86 62.7 50.3 75.5

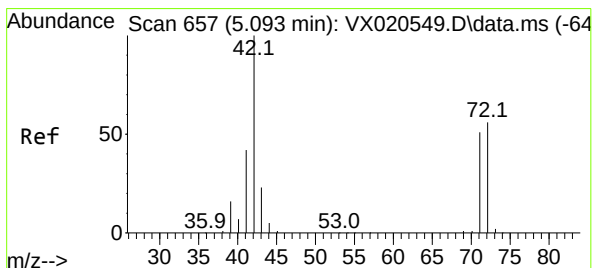
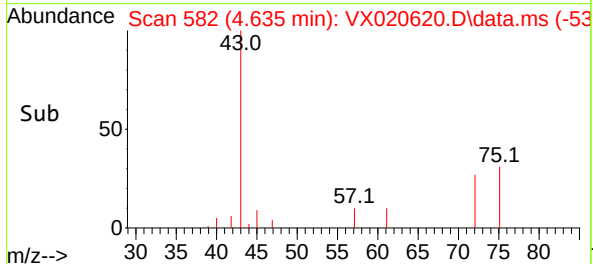
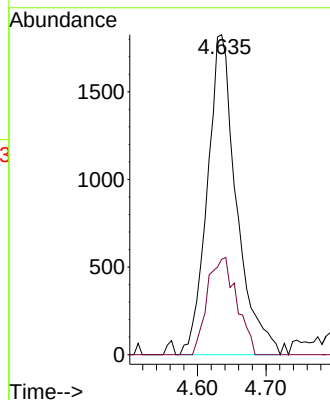
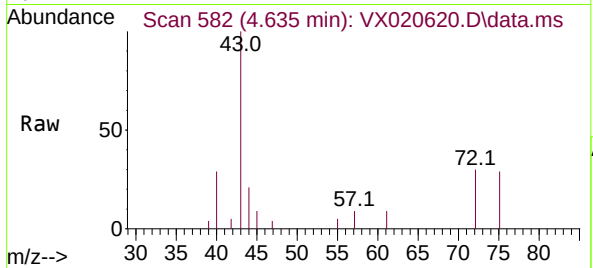




#25
2-Butanone
Concen: 4.42 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

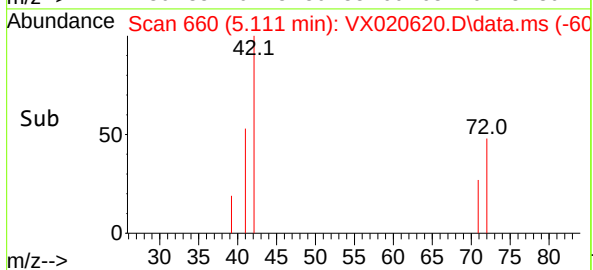
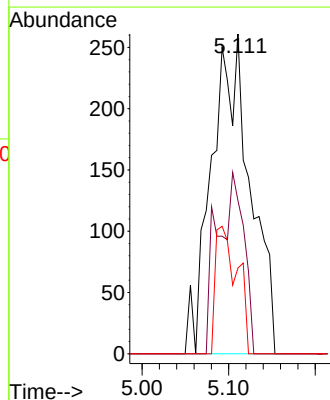
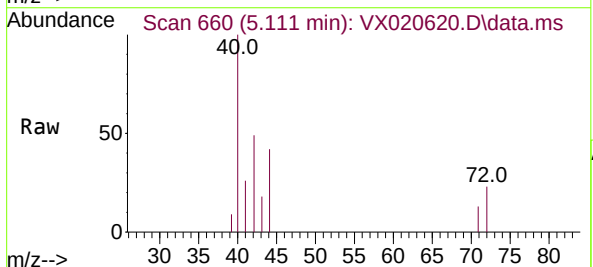
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

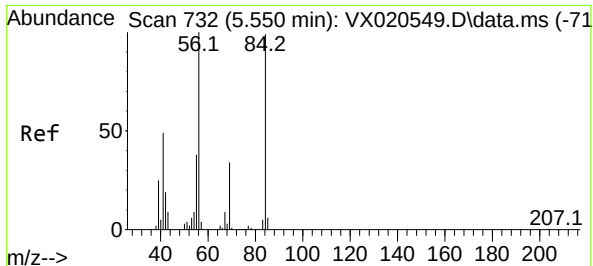
Tgt Ion: 43 Resp: 5401
Ion Ratio Lower Upper
43 100
72 29.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.09 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.018 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

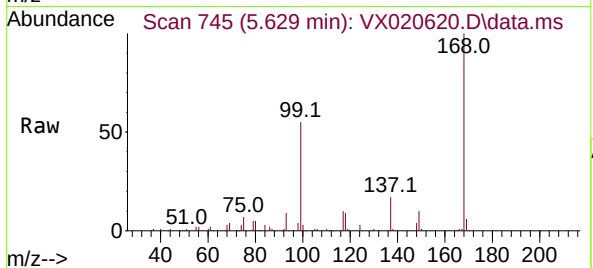
Tgt Ion: 42 Resp: 812
Ion Ratio Lower Upper
42 100
72 38.3 41.7 62.5#
71 22.4 38.4 57.6#



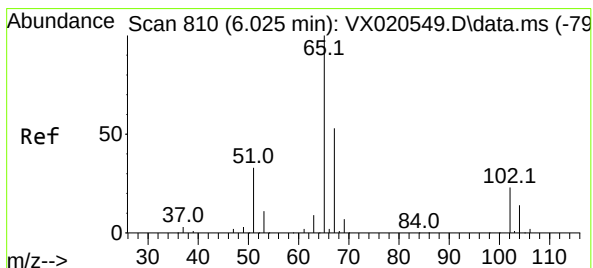
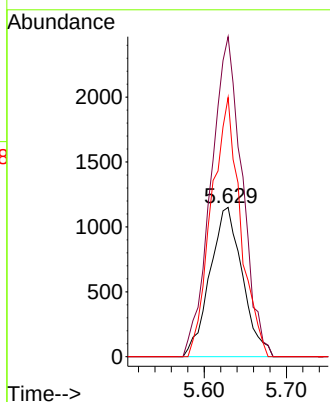
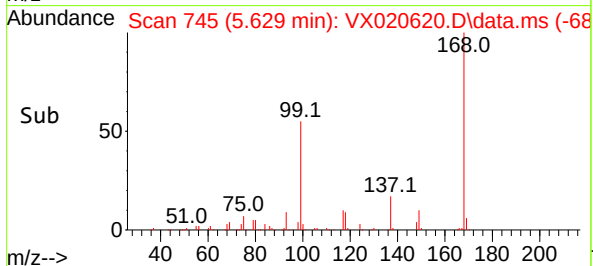


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

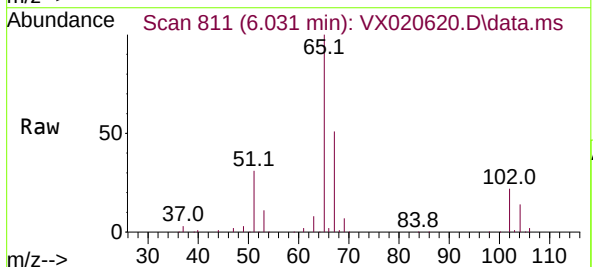
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT



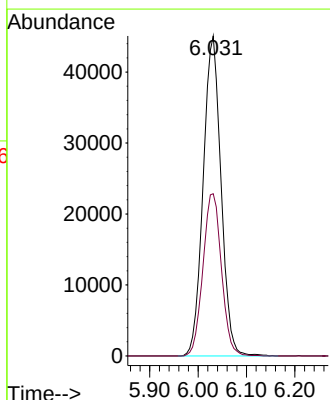
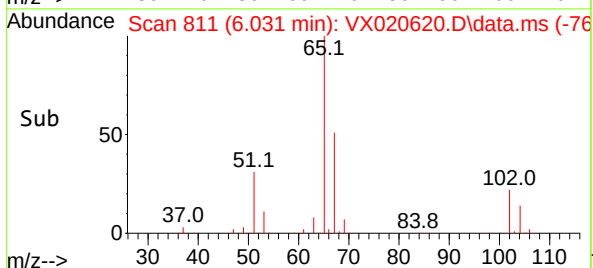
Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
69 214.4 25.3 37.9#
84 173.7 71.4 107.0#

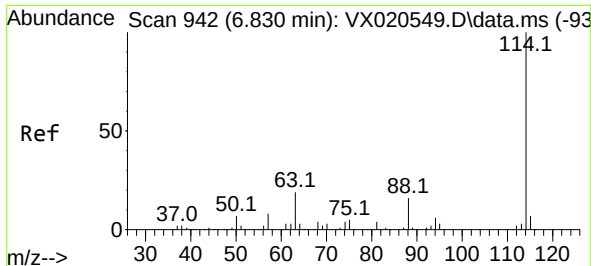


#33
1,2-Dichloroethane-d4
Concen: 51.10 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08



Tgt Ion: 65 Resp: 115627
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

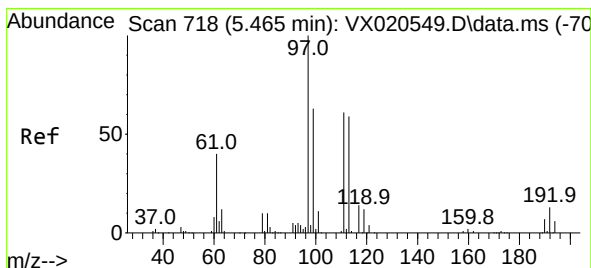
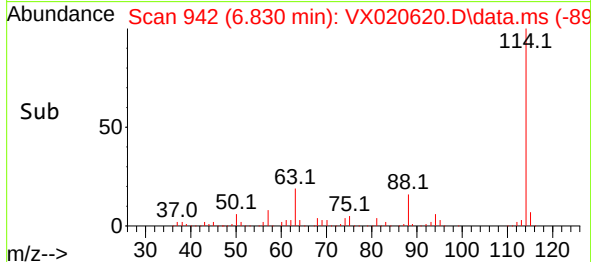
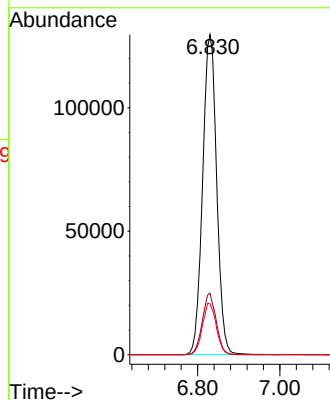
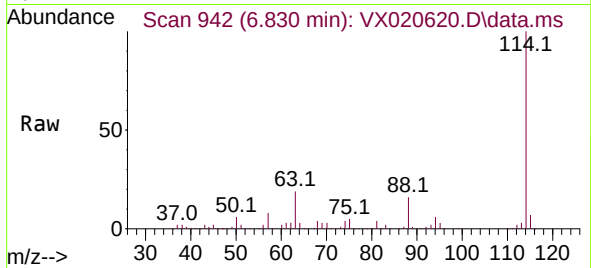




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

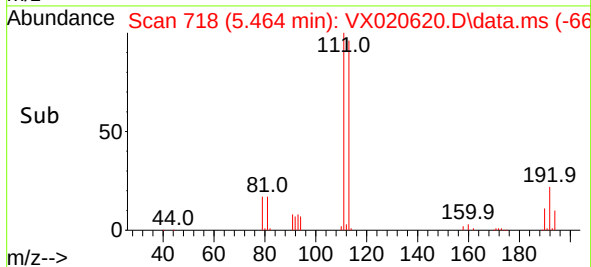
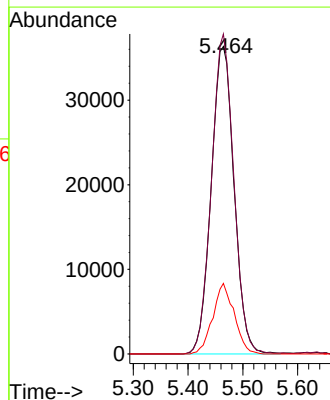
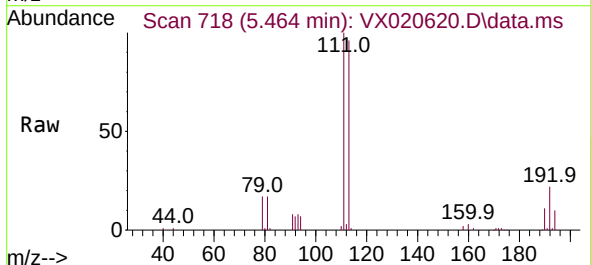
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

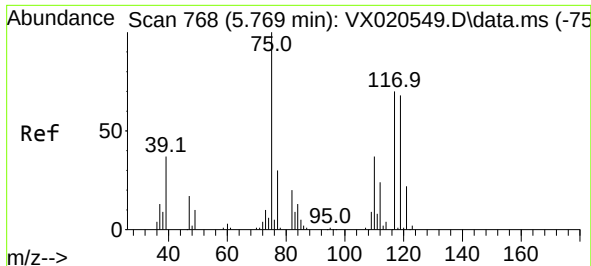
Tgt Ion:114 Resp: 307182
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.48 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion:113 Resp: 105314
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 21.5 16.7 25.1

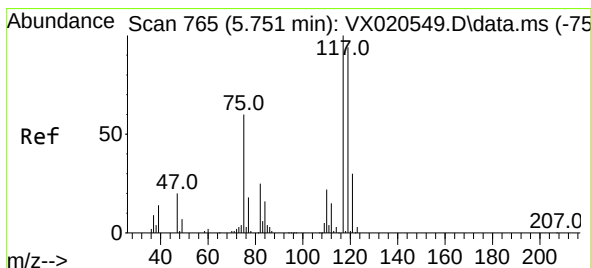
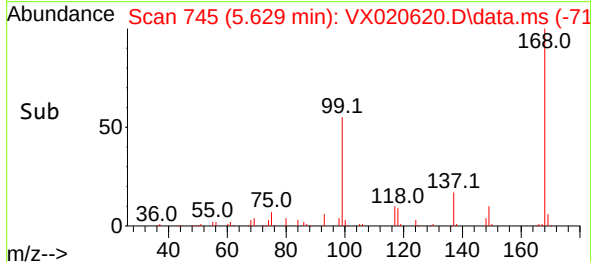
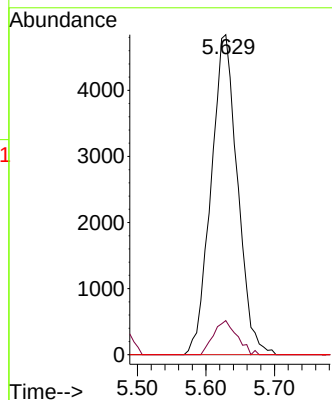
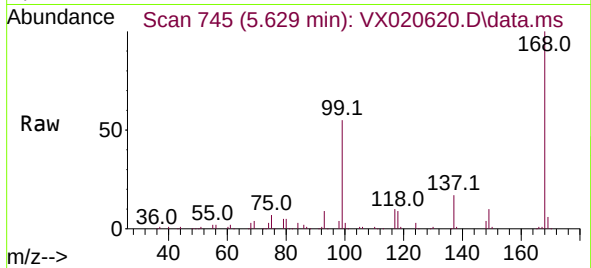




#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

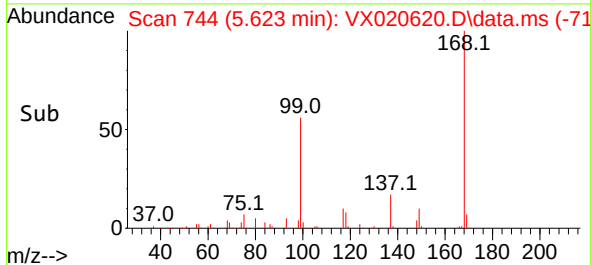
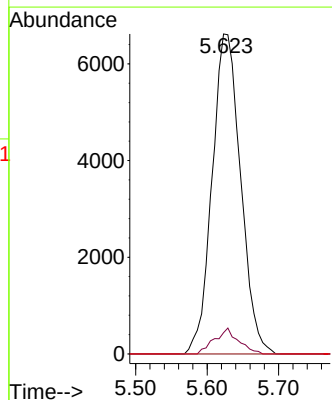
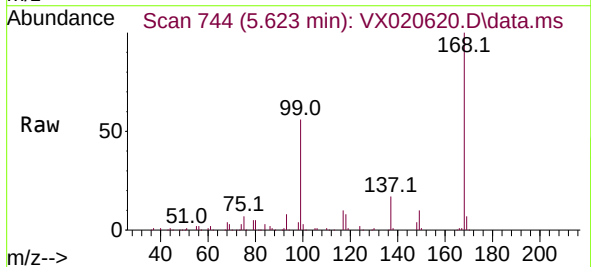
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

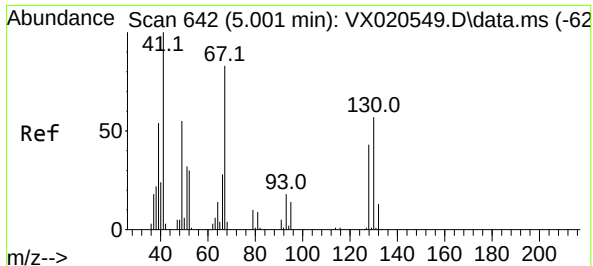
Tgt Ion: 75 Resp: 12983
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

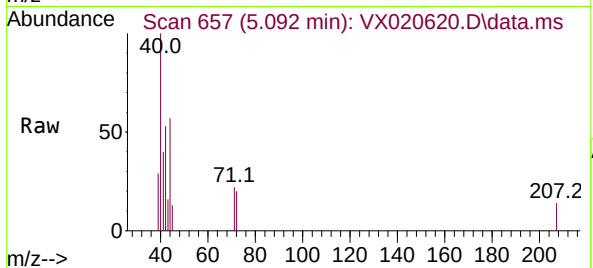
Tgt Ion: 117 Resp: 18366
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#



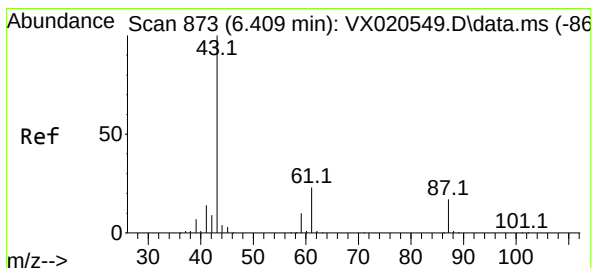
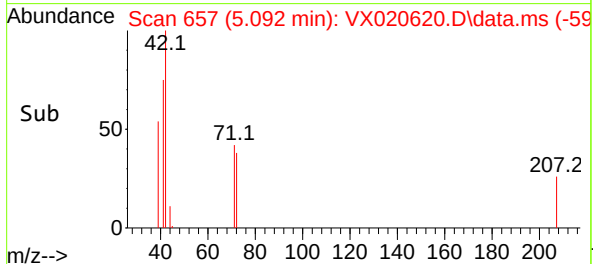
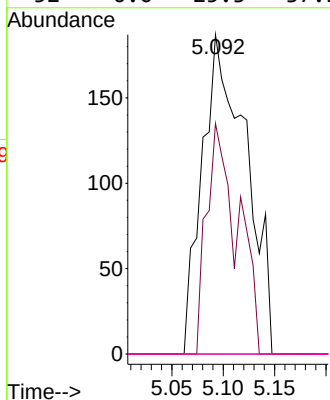


#41
Methacrylonitrile
Concen: 0.42 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.091 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

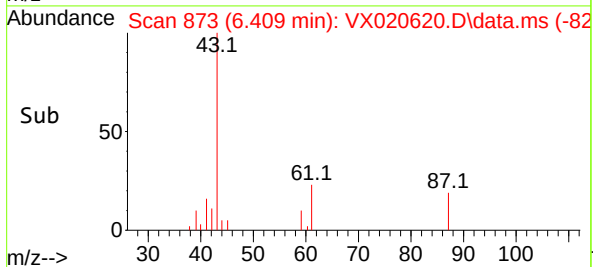
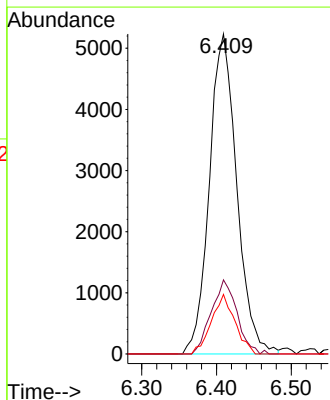
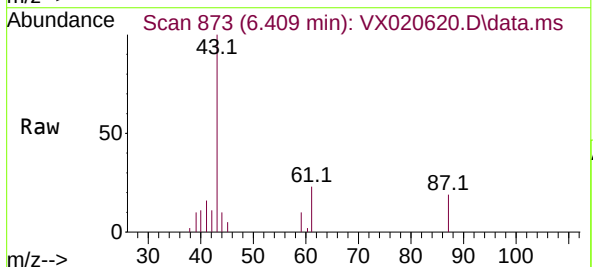


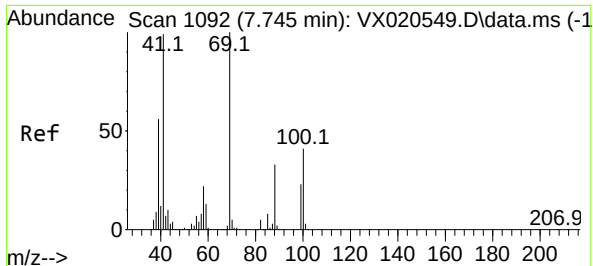
Tgt Ion:	41	Resp:	555
Ion	Ratio	Lower	Upper
41	100		
39	37.1	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 3.38 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

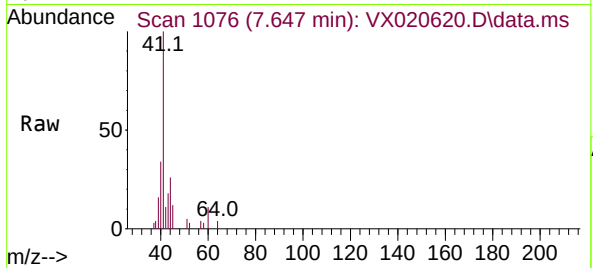
Tgt Ion:	43	Resp:	13345
Ion	Ratio	Lower	Upper
43	100		
61	21.7	18.2	27.4
87	15.9	12.5	18.7



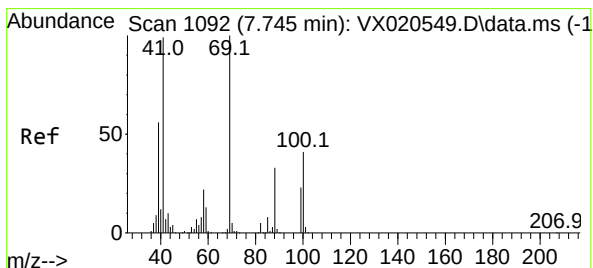
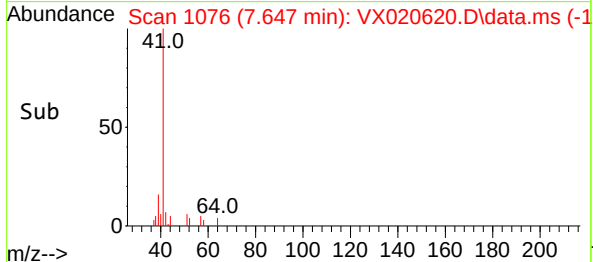
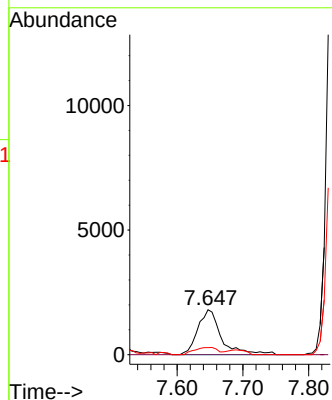


#48
Methyl methacrylate
Concen: 2.33 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

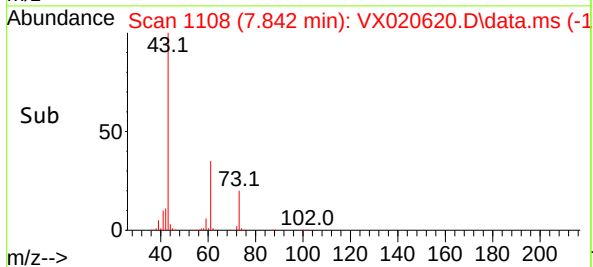
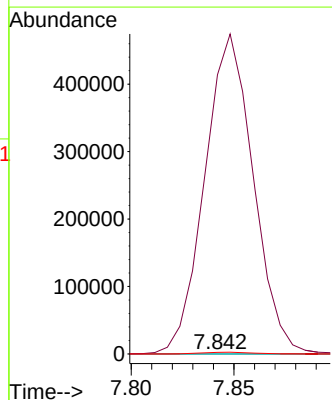
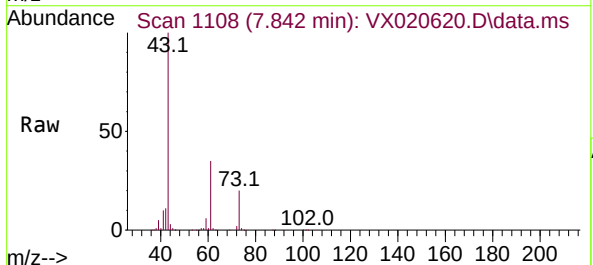


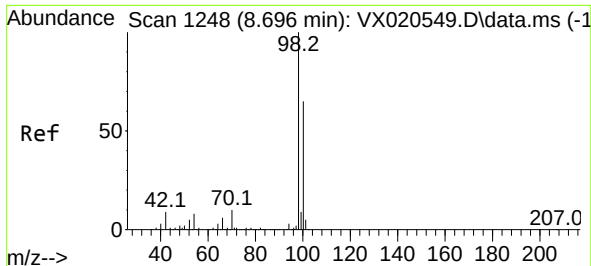
Tgt Ion: 41 Resp: 4479
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.10 ug/l
RT: 7.842 min Scan# 1108
Delta R.T. 0.097 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
43 523429.3 23.2 34.8#
58 3032.7 55.0 82.4#

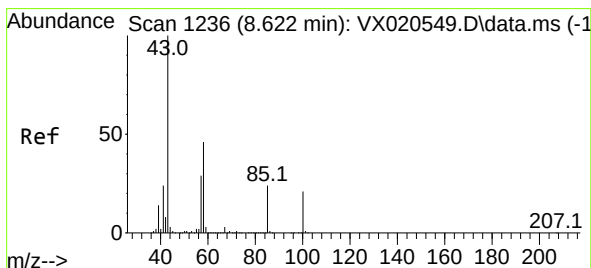
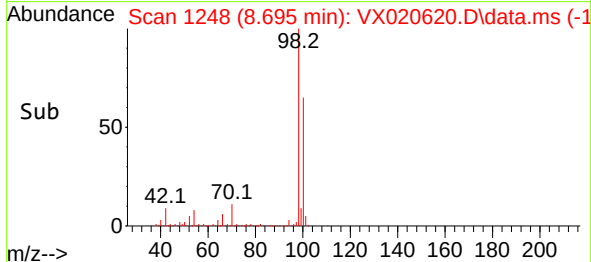
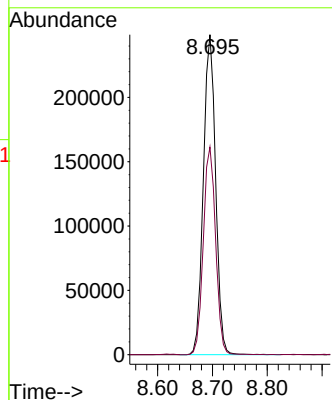
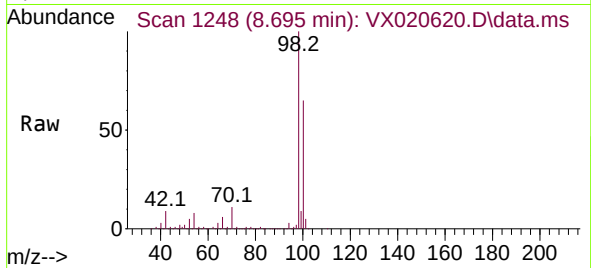




#50
Toluene-d8
Concen: 50.57 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

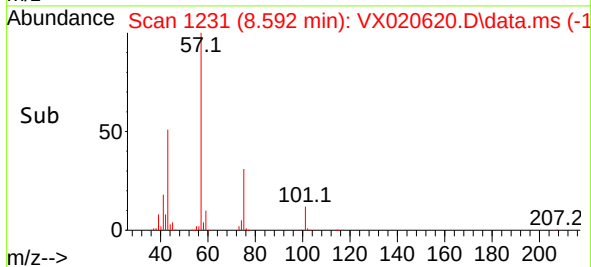
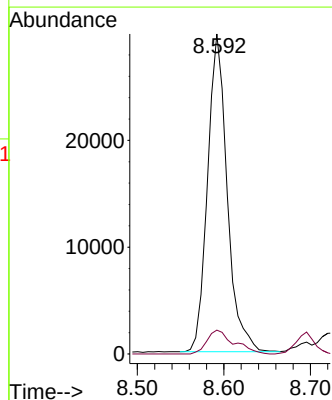
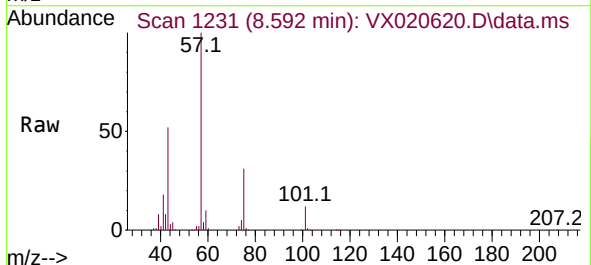
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

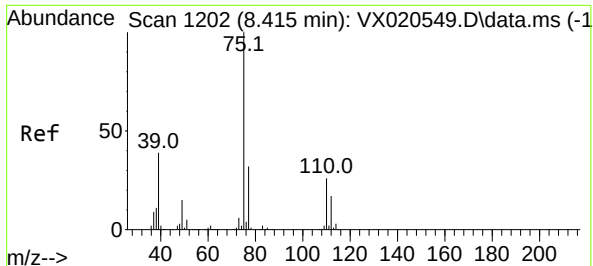
Tgt Ion: 98 Resp: 385174
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 19.14 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion: 43 Resp: 46931
Ion Ratio Lower Upper
43 100
58 10.3 35.4 53.0#

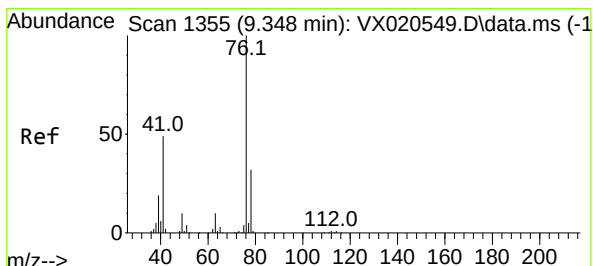
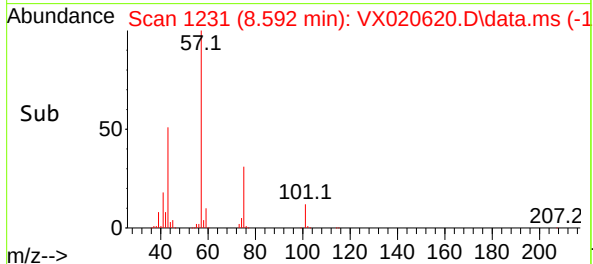
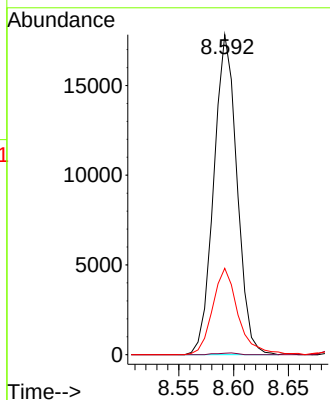
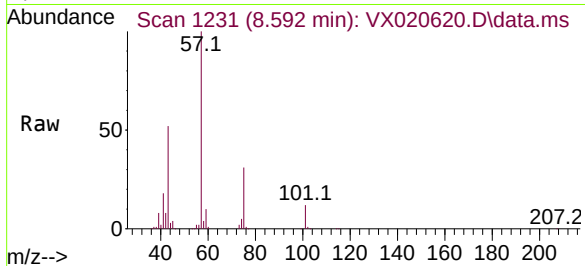




#54
cis-1,3-Dichloropropene
Concen: 7.51 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

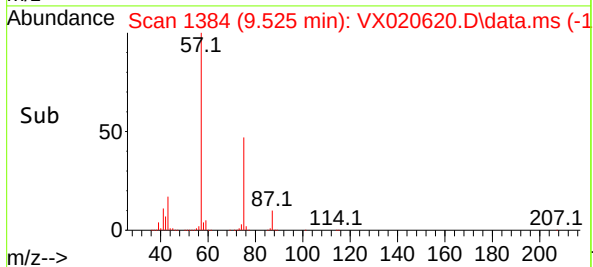
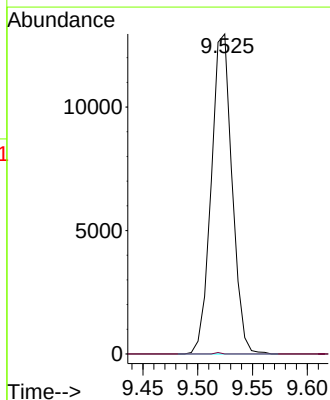
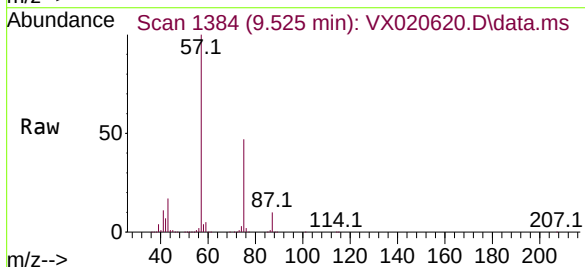
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

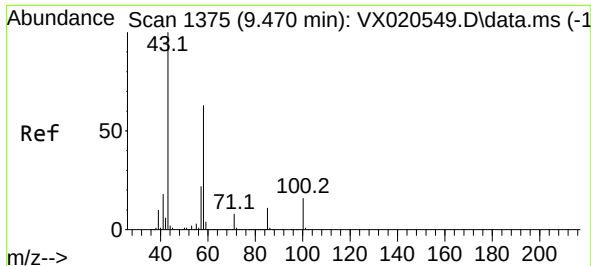
Tgt Ion: 75 Resp: 26265
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 27.0 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 4.66 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion: 76 Resp: 17150
Ion Ratio Lower Upper
76 100
78 0.1 26.2 39.2#

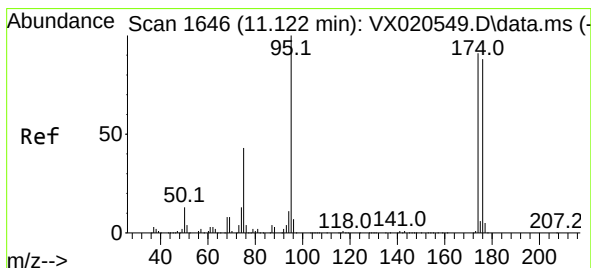
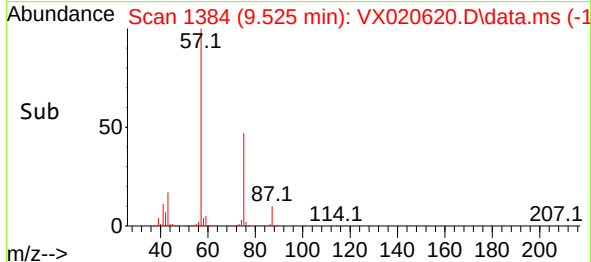
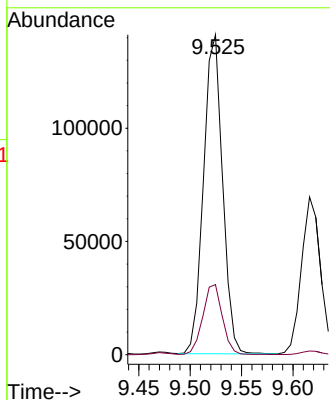
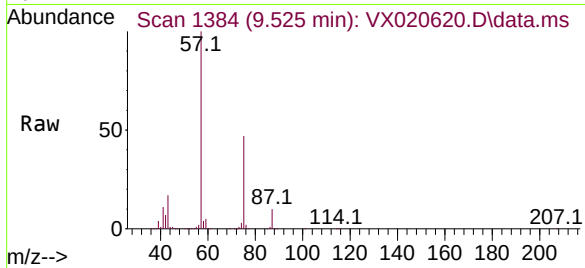




#59
2-Hexanone
Concen: 98.75 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

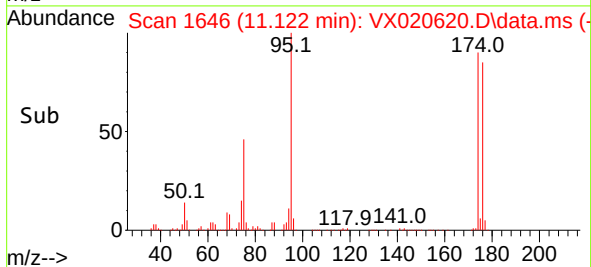
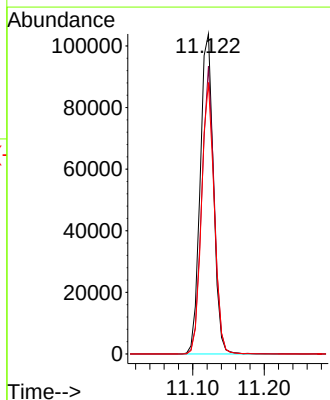
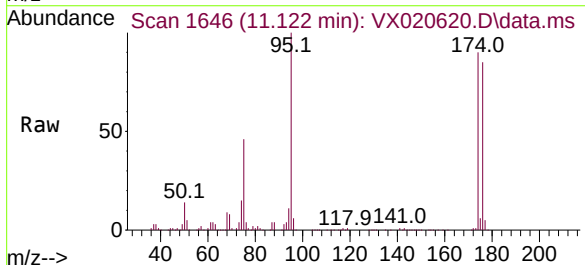
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

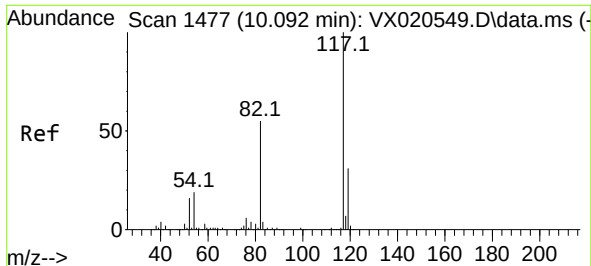
Tgt Ion: 43 Resp: 181468
Ion Ratio Lower Upper
43 100
58 22.8 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.66 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion: 95 Resp: 133572
Ion Ratio Lower Upper
95 100
174 84.6 0.0 154.6
176 81.7 0.0 155.8

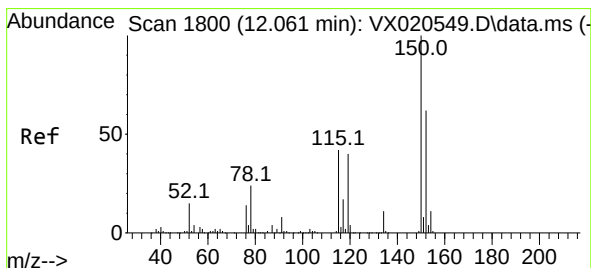
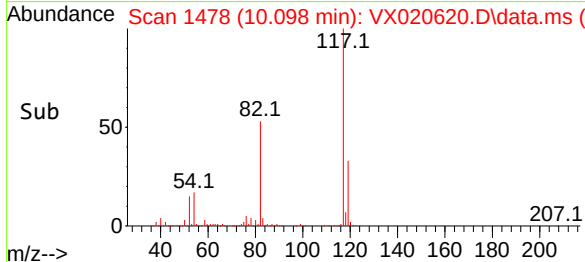
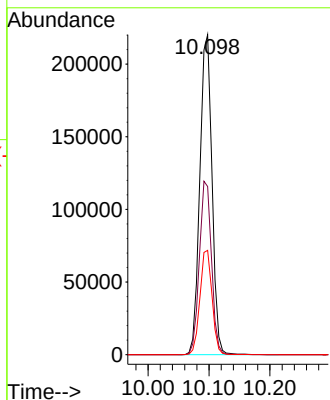
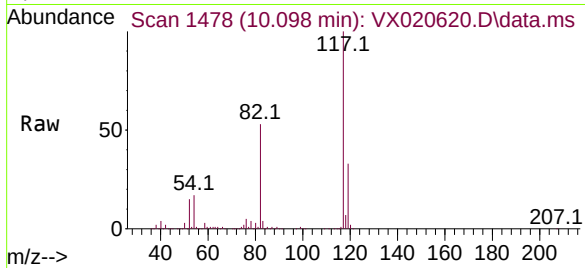




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

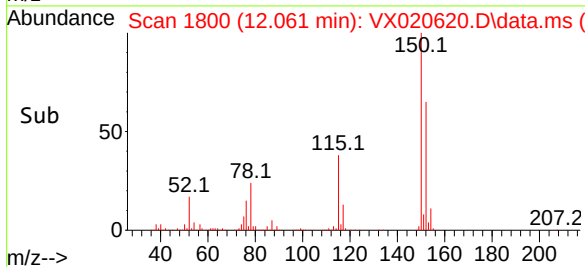
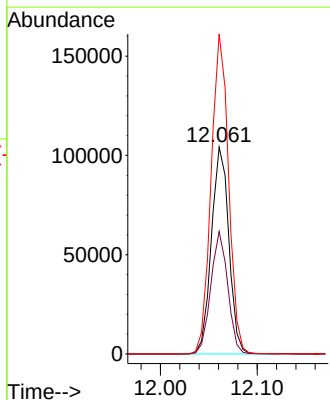
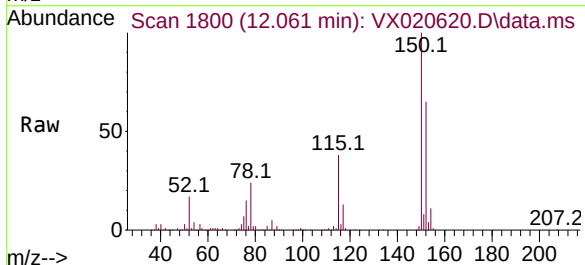
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

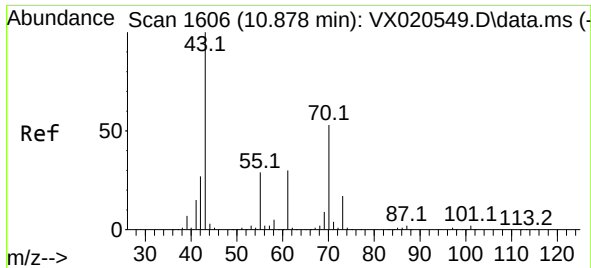
Tgt Ion:117 Resp: 306052
Ion Ratio Lower Upper
117 100
82 52.5 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion:152 Resp: 130677
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 154.7 0.0 349.0

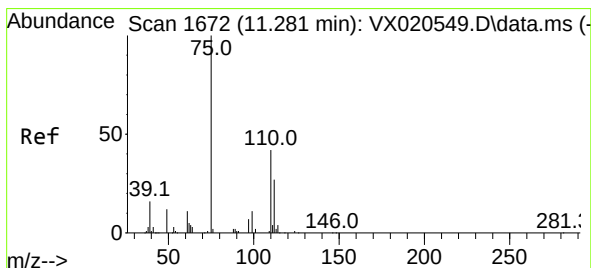
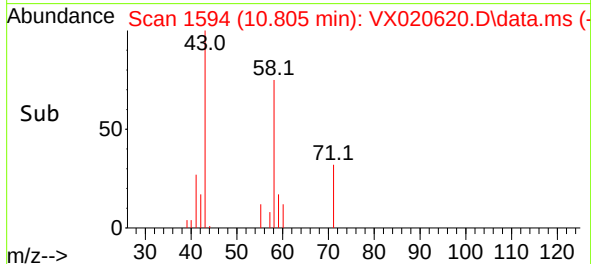
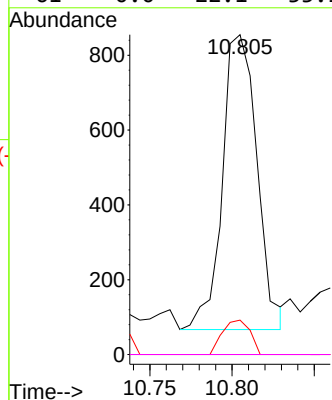
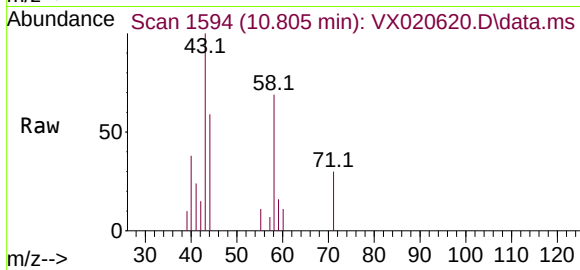




#74
N-amy1 acetate
Concen: 1.60 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

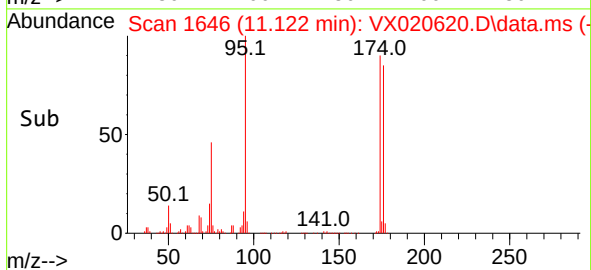
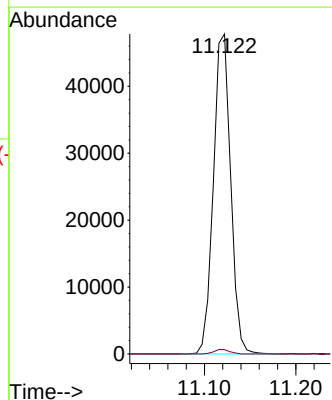
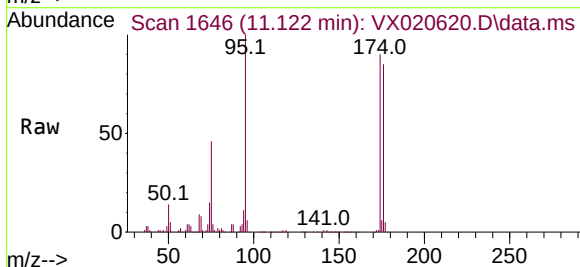
Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

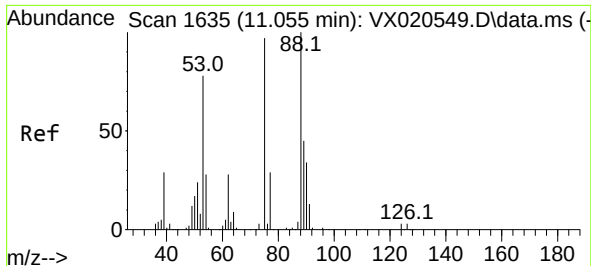
Tgt Ion: 43	Resp: 1152
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	9.4 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.74 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion: 75	Resp: 62591
Ion Ratio	Lower Upper
75	100
77	1.3 19.1 57.5#

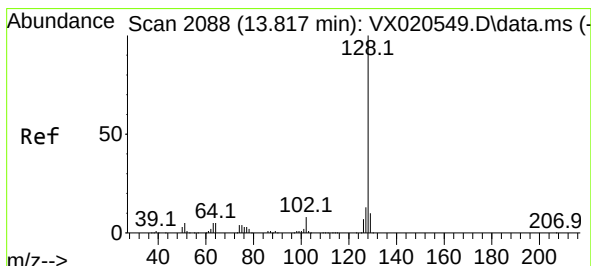
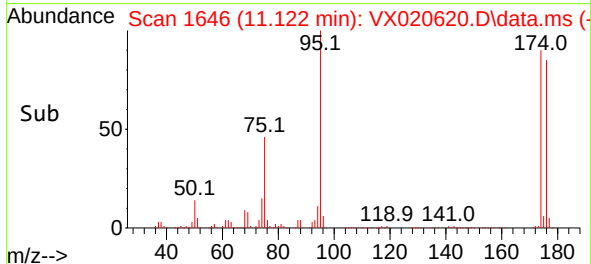
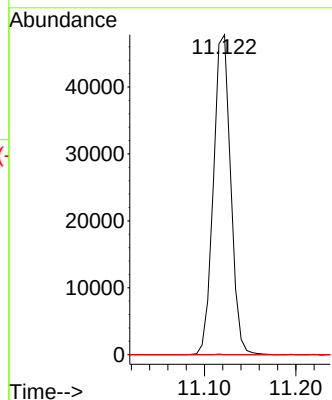
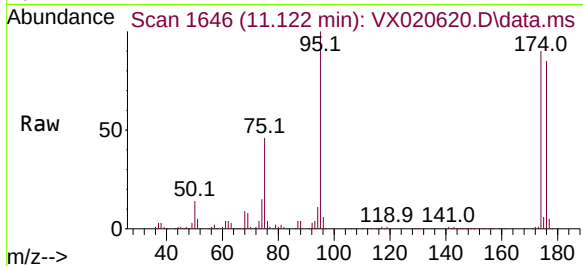




#81
trans-1,4-Dichloro-2-butene
Concen: 61.95 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Instrument :
MSVOA_X
ClientSampleId :
BORE-2-1FT-7FT

Tgt Ion: 75 Resp: 62591
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.810 min Scan# 2087
Delta R.T. -0.007 min
Lab File: VX020620.D
Acq: 14 Jan 2021 18:08

Tgt Ion: 128 Resp: 122
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

