

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021455.D
 Acq On : 24 Mar 2021 23:51
 Operator : JC/MD
 Sample : M1770-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-03232021

Quant Time: Mar 25 06:52:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

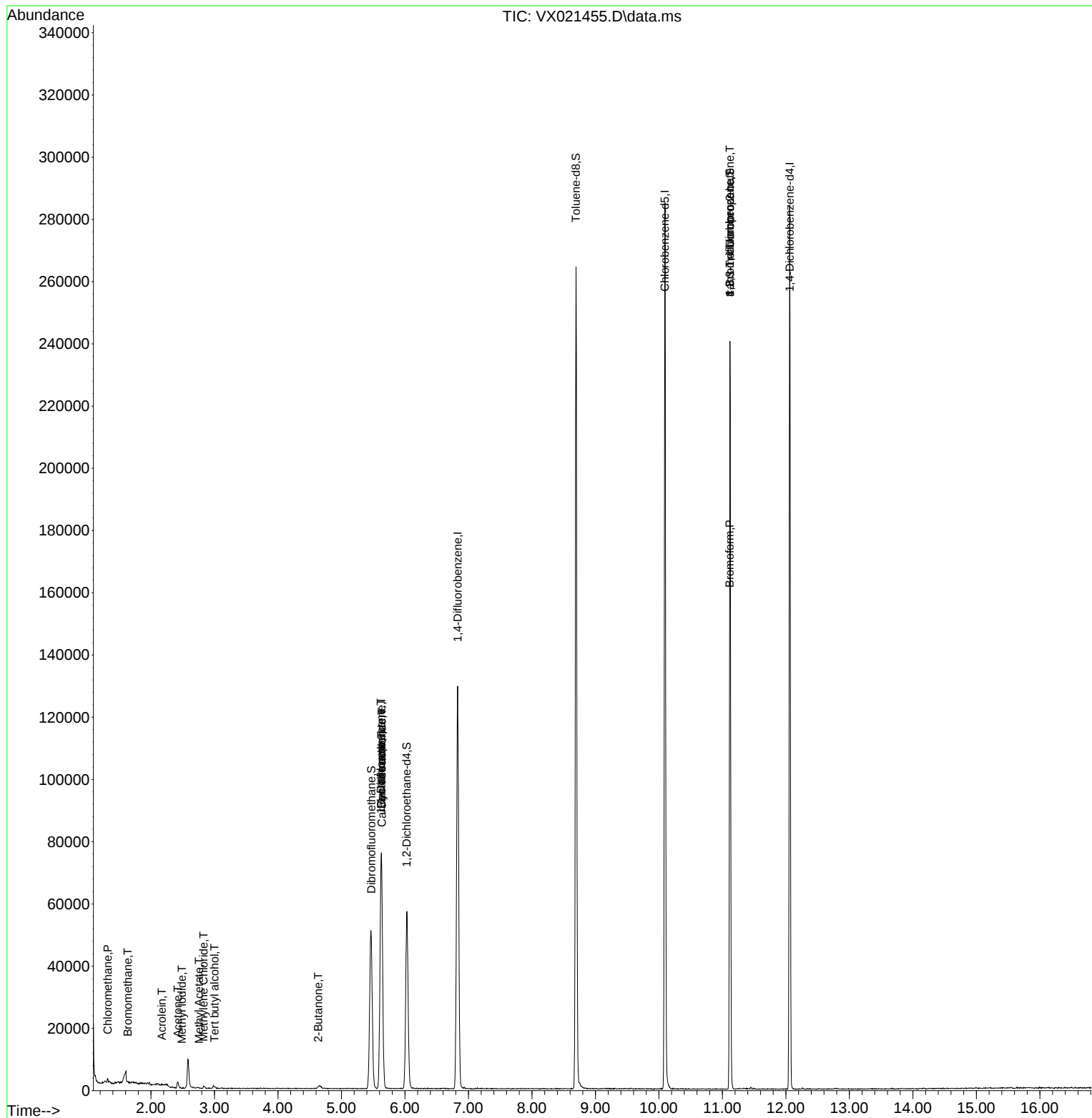
Internal Standards						
1) Pentafluorobenzene	5.629	168	64779	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	119364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	55600	51.58	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.16%	
35) Dibromofluoromethane	5.470	113	41606	49.07	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.14%	
50) Toluene-d8	8.694	98	147641	48.87	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.74%	
62) 4-Bromofluorobenzene	11.118	95	60748	51.71	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.42%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1042	1.31	ug/l	93
5) Bromomethane	1.634	94	103	0.35	ug/l	# 78
10) Methyl Iodide	2.487	142	20	6.68	ug/l	# 42
11) Tert butyl alcohol	2.999	59	627	3.52	ug/l	# 73
13) Acrolein	2.170	56	38	4.71	ug/l	# 72
16) Acetone	2.423	43	2220	5.45	ug/l	94
18) Methyl Acetate	2.758	43	337	0.29	ug/l	# 47
20) Methylene Chloride	2.829	84	346	0.44	ug/l	91
25) 2-Butanone	4.635	43	171	0.28	ug/l	# 45
31) Cyclohexane	5.629	56	2039	1.72	ug/l	# 42
36) 1,1-Dichloropropene	5.623	75	6236	5.33	ug/l	# 48
38) Carbon Tetrachloride	5.635	117	7208	5.74	ug/l	# 15
71) Bromoform	11.112	173	170	0.23	ug/l	# 29
76) 1,2,3-Trichloropropane	11.118	75	34991	29.14	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.118	75	34991	88.76	ug/l	# 12

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

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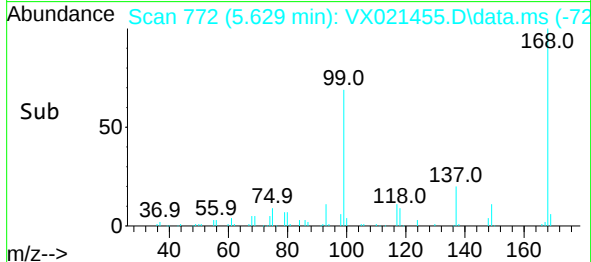
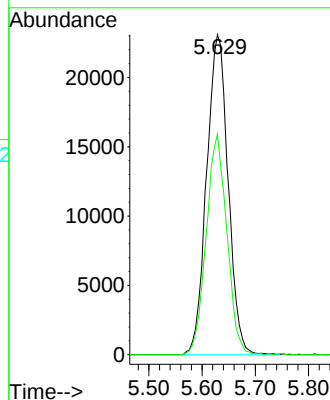
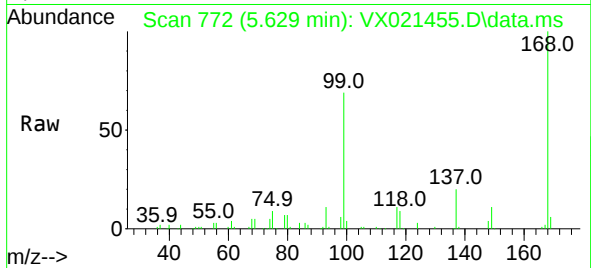




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

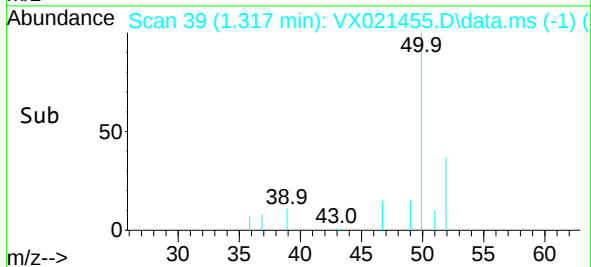
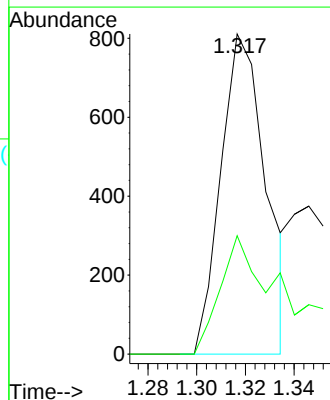
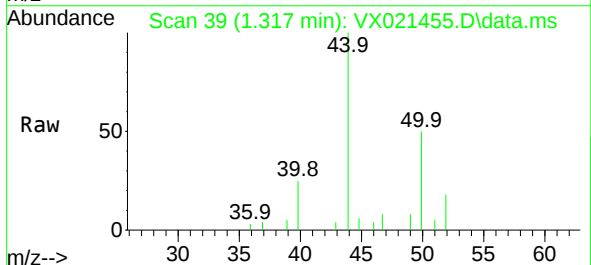
Instrument :
MSVOA_X
ClientSampleId :
FB-03232021

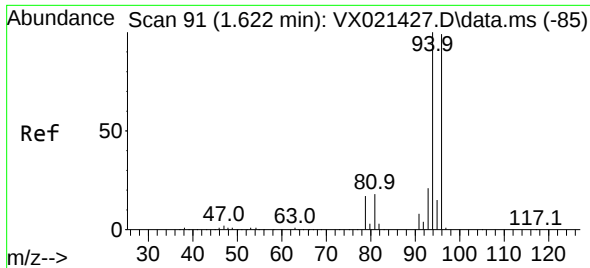
Tgt Ion:168 Resp: 64779
Ion Ratio Lower Upper
168 100
99 68.9 45.8 68.6#



#3
Chloromethane
Concen: 1.31 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

Tgt Ion: 50 Resp: 1042
Ion Ratio Lower Upper
50 100
52 37.0 26.4 39.6

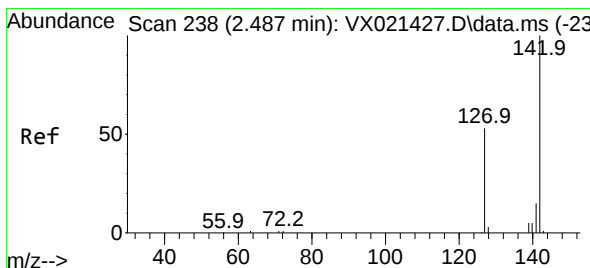
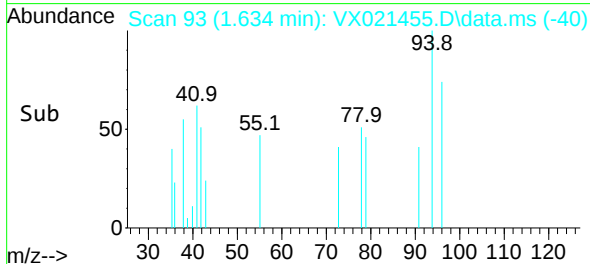
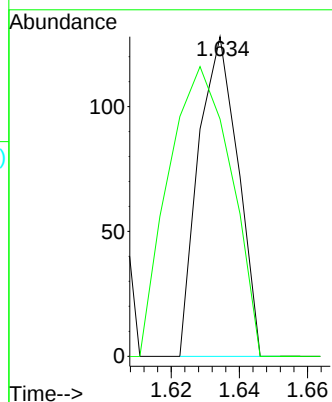
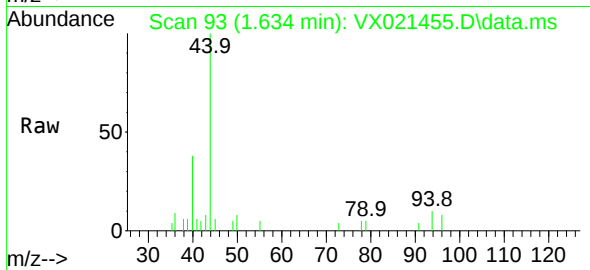




#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

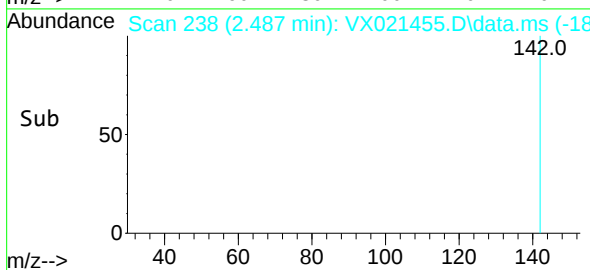
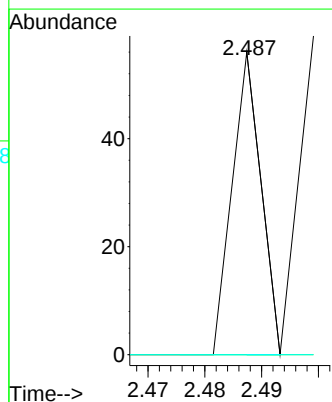
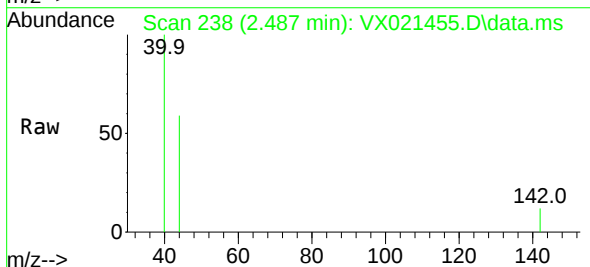
Instrument :
MSVOA_X
ClientSampleId :
FB-03232021

Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 74.2 76.4 114.6#



#10
Methyl Iodide
Concen: 6.68 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

Tgt Ion: 142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

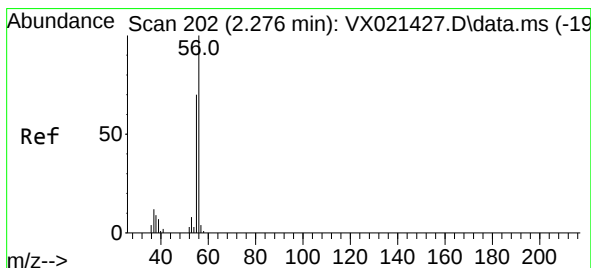
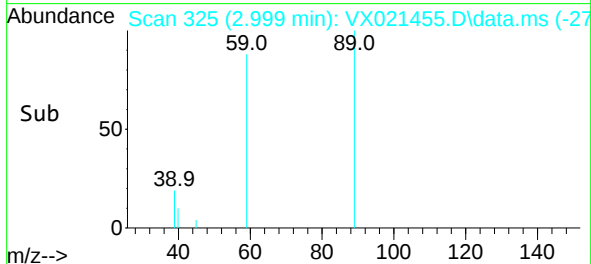
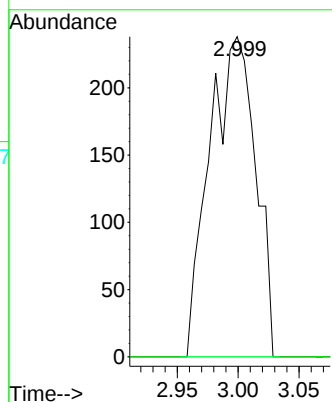
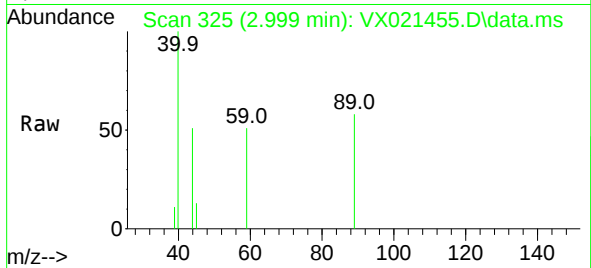




#11
Tert butyl alcohol
Concen: 3.52 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

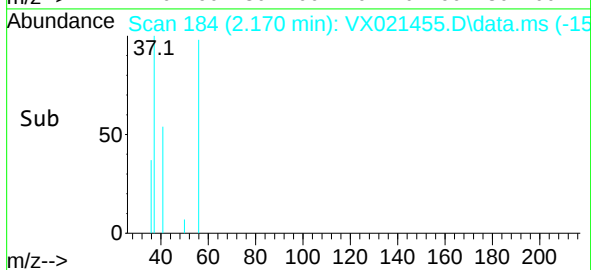
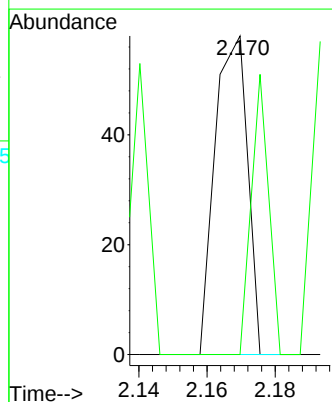
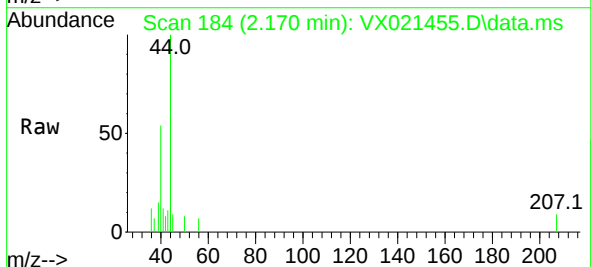
Instrument :
MSVOA_X
ClientSampleId :
FB-03232021

Tgt Ion: 59 Resp: 627
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.71 ug/l
RT: 2.170 min Scan# 184
Delta R.T. -0.106 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 47.4 56.4 84.6#

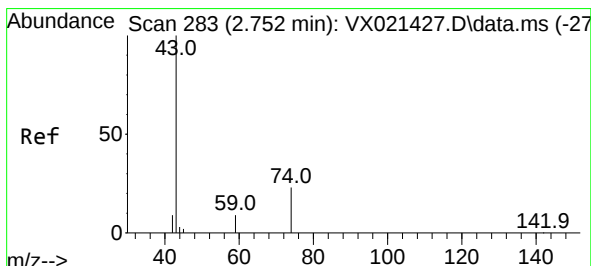
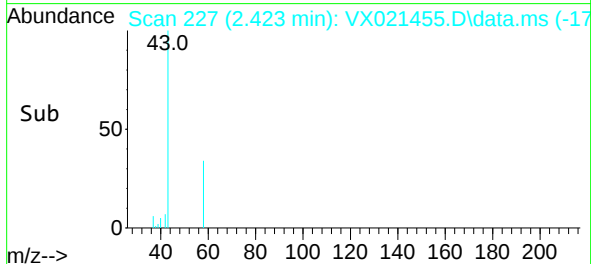
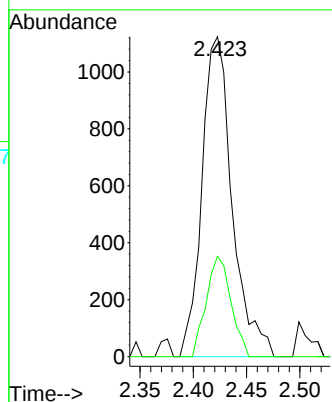
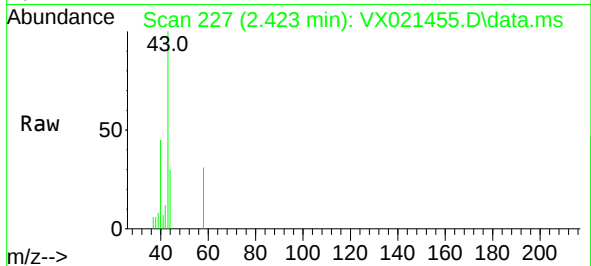




#16
Acetone
Concen: 5.45 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

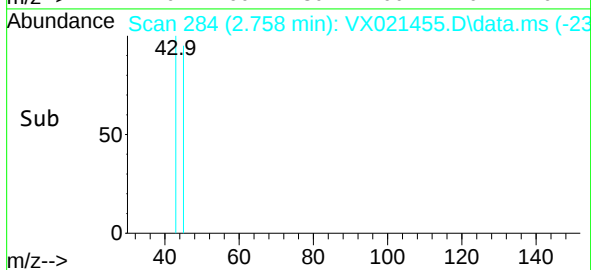
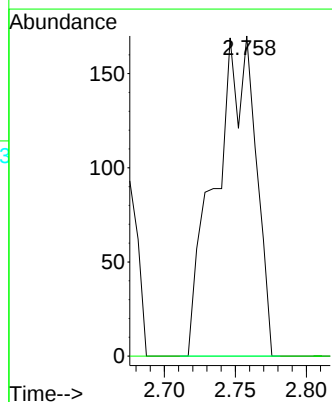
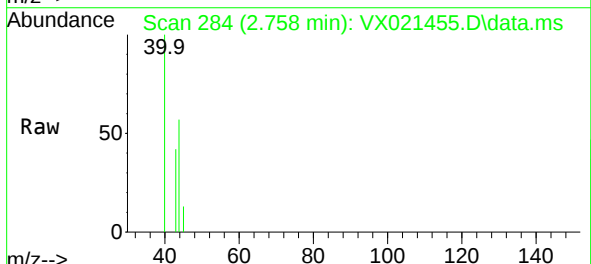
Instrument :
MSVOA_X
ClientSampleId :
FB-03232021

Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
58 31.3 27.8 41.8



#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.44 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021455.D

Acq: 24 Mar 2021 23:51

Tgt Ion: 84 Resp: 346

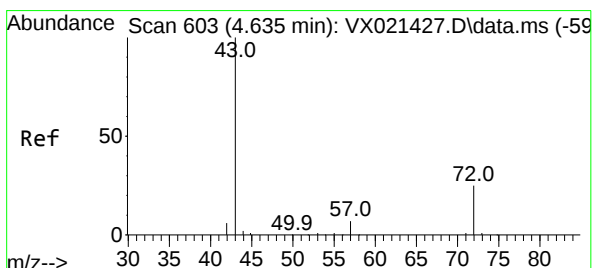
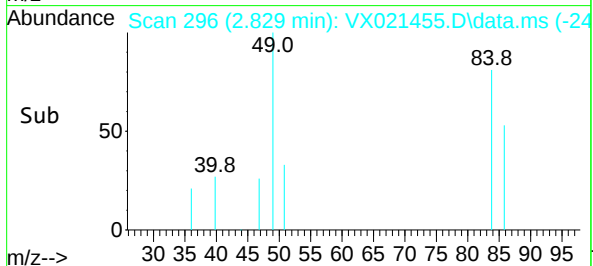
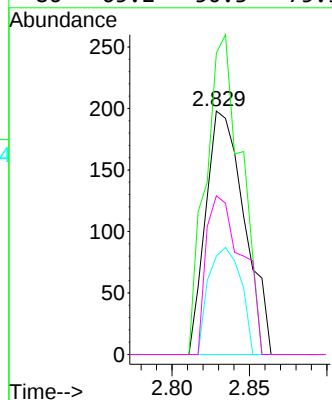
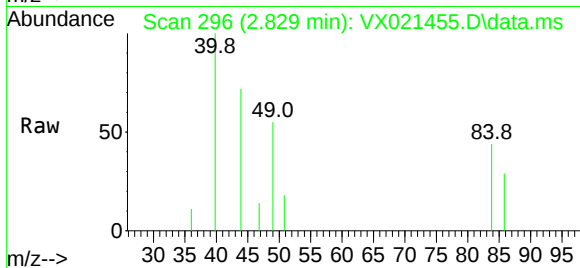
Ion Ratio Lower Upper

84 100

49 123.7 88.6 132.8

51 40.4 27.0 40.6

86 65.2 50.3 75.5



#25

2-Butanone

Concen: 0.28 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.000 min

Lab File: VX021455.D

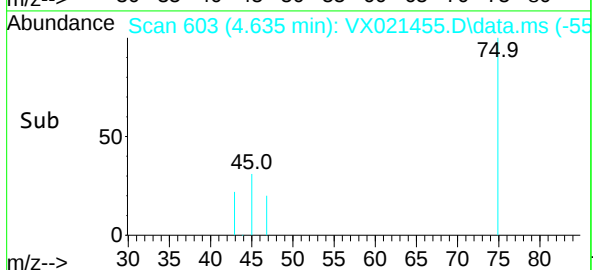
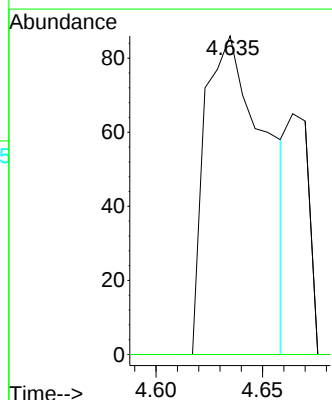
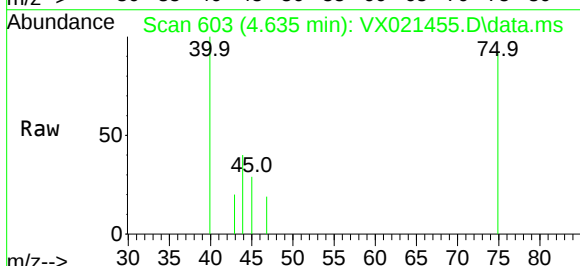
Acq: 24 Mar 2021 23:51

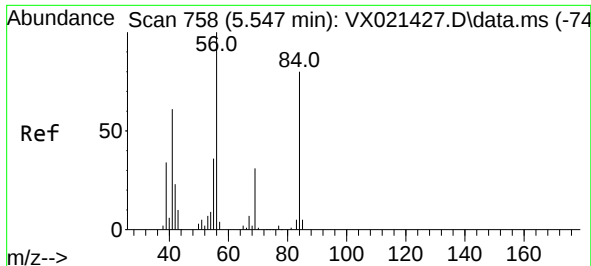
Tgt Ion: 43 Resp: 171

Ion Ratio Lower Upper

43 100

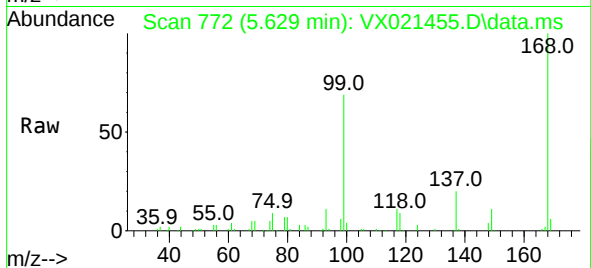
72 0.0 23.7 35.5#



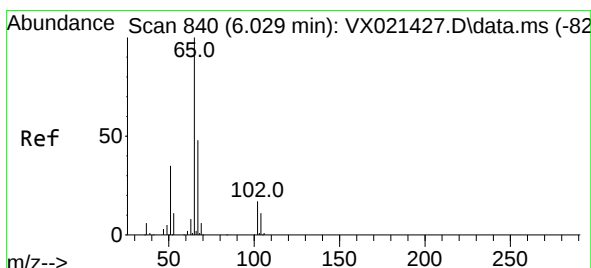
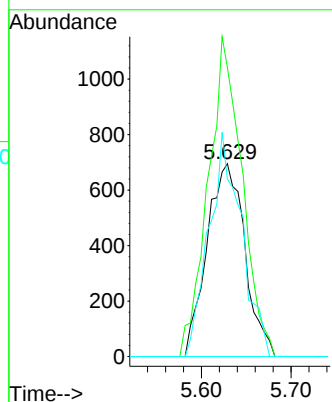
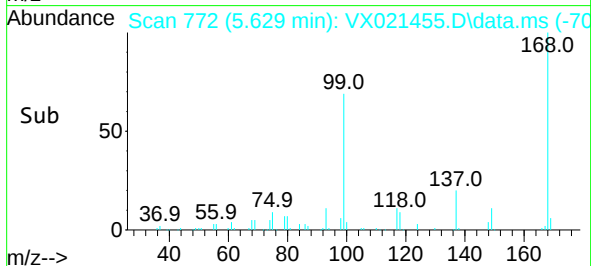


#31
Cyclohexane
Concen: 1.72 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

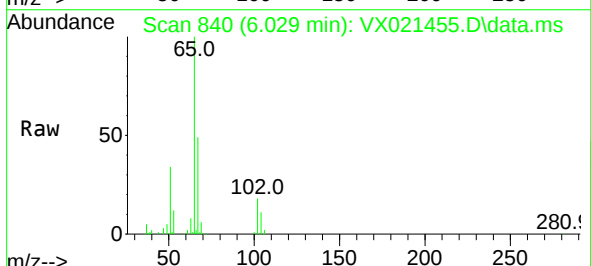
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MSVOA_X
ClientSampleId :
FB-03232021



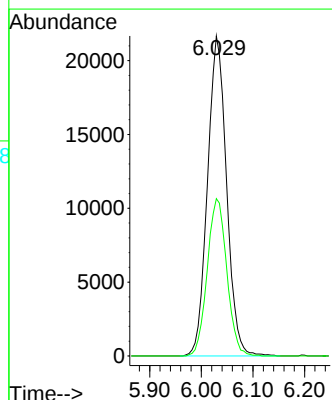
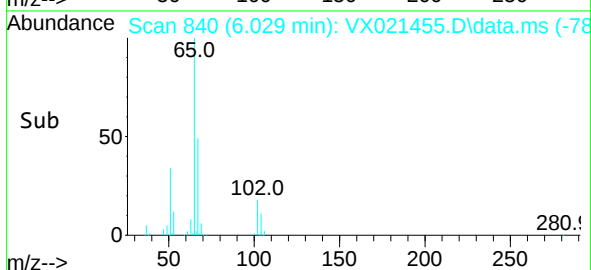
Tgt Ion: 56 Resp: 2039
Ion Ratio Lower Upper
56 100
69 149.9 25.3 37.9#
84 92.1 71.4 107.0

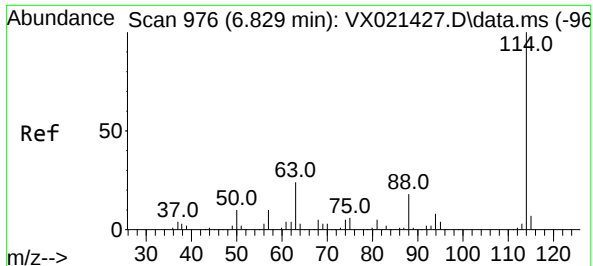


#33
1,2-Dichloroethane-d4
Concen: 51.58 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51



Tgt Ion: 65 Resp: 55600
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

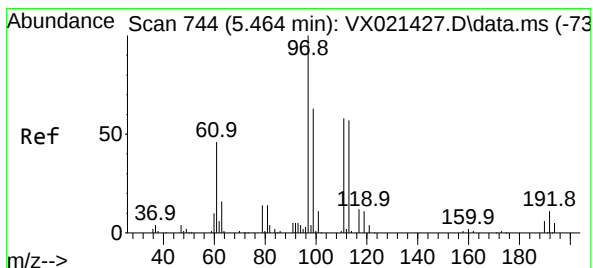
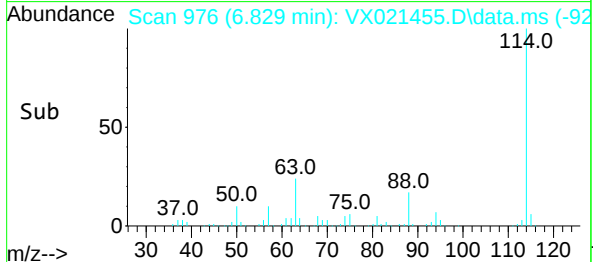
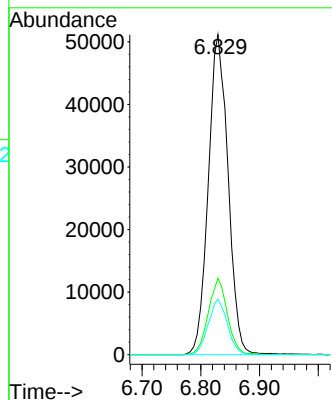
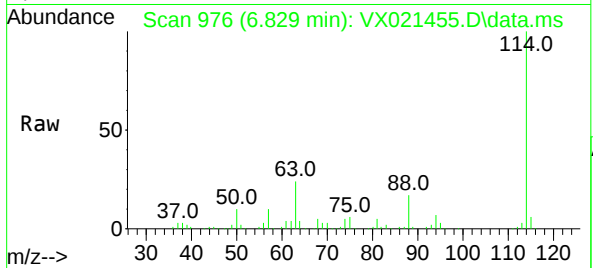




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

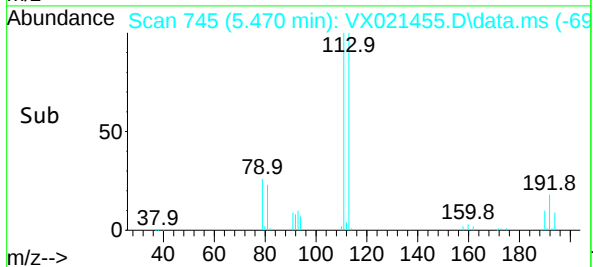
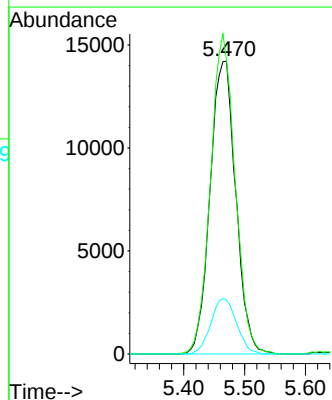
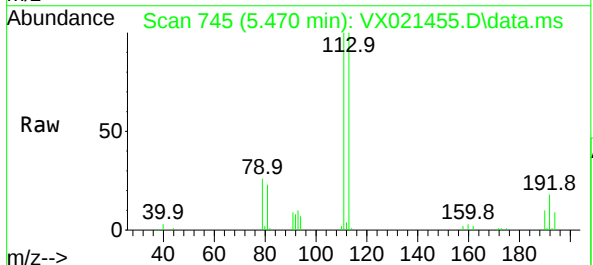
Instrument :
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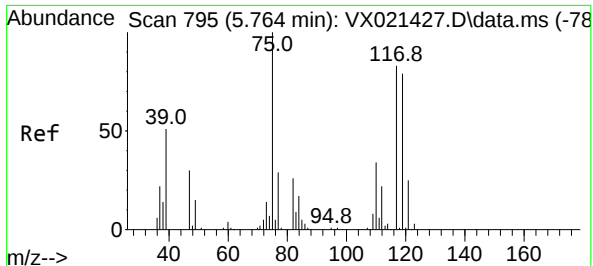
Tgt Ion:114 Resp: 119364
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.07 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

Tgt Ion:113 Resp: 41606
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 19.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.33 ug/l

RT: 5.623 min Scan# 771

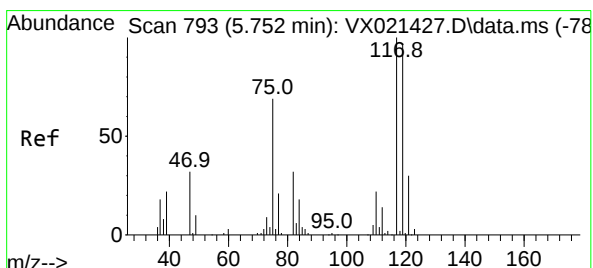
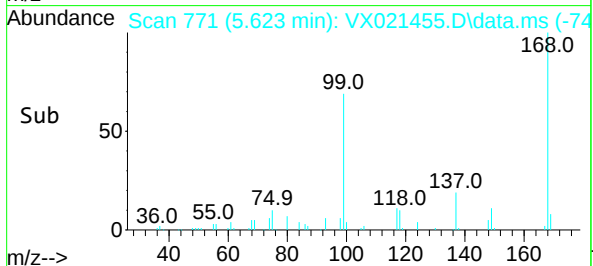
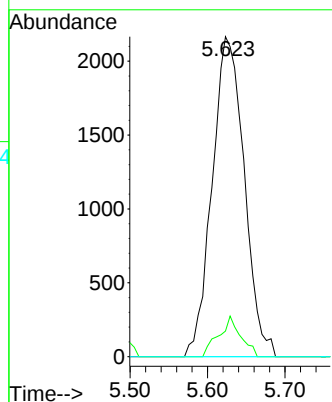
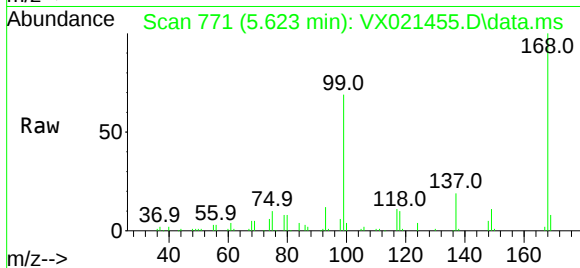
Delta R.T. -0.141 min

Lab File: VX021455.D

Acq: 24 Mar 2021 23:51

Tgt Ion:	75	Resp:	6236
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
FB-03232021



#38

Carbon Tetrachloride

Concen: 5.74 ug/l

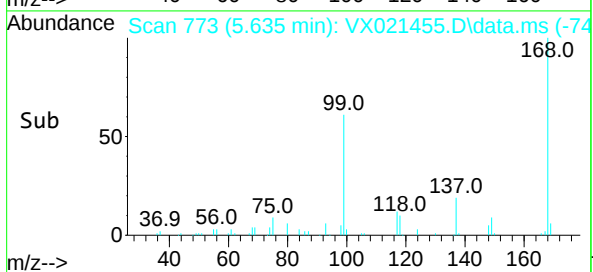
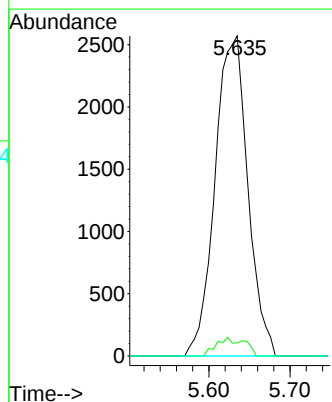
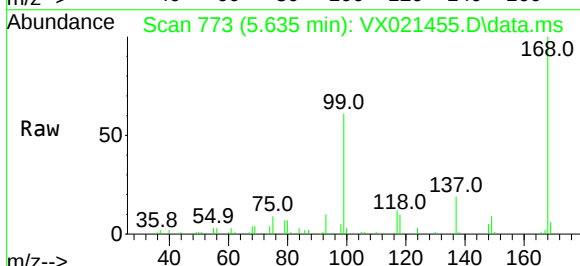
RT: 5.635 min Scan# 773

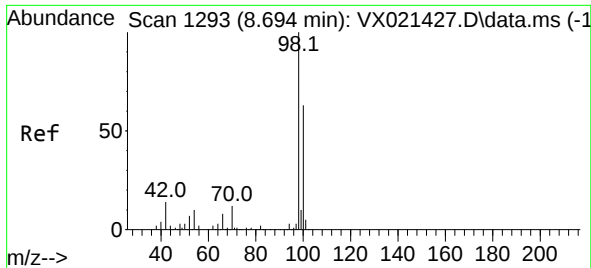
Delta R.T. -0.117 min

Lab File: VX021455.D

Acq: 24 Mar 2021 23:51

Tgt Ion:	117	Resp:	7208
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.2#
121	0.0	24.8	37.2#

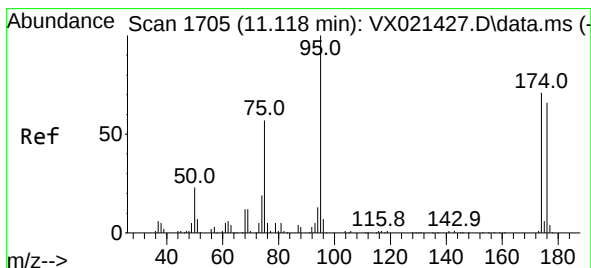
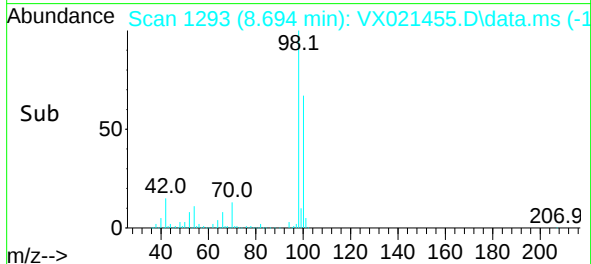
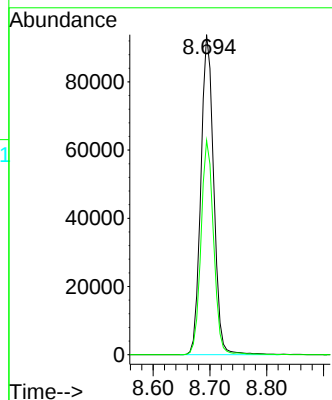
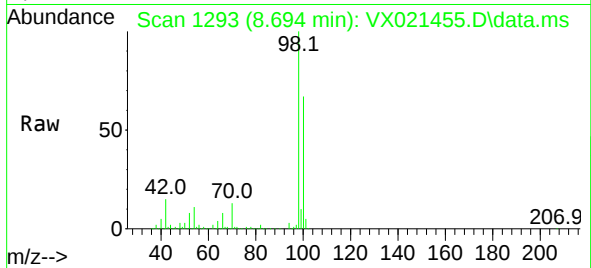




#50
Toluene-d8
Concen: 48.87 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

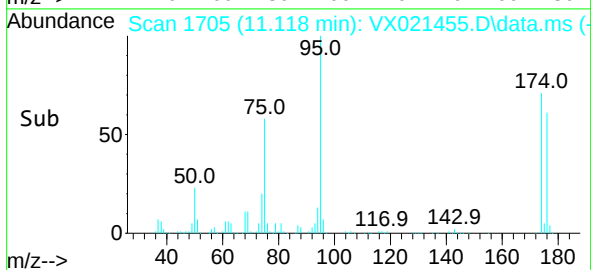
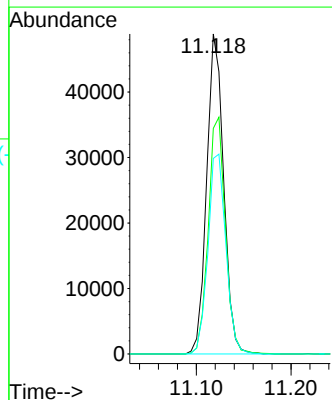
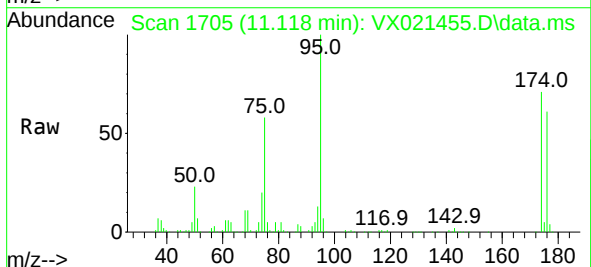
Instrument :
MSVOA_X
ClientSampleId :
FB-03232021

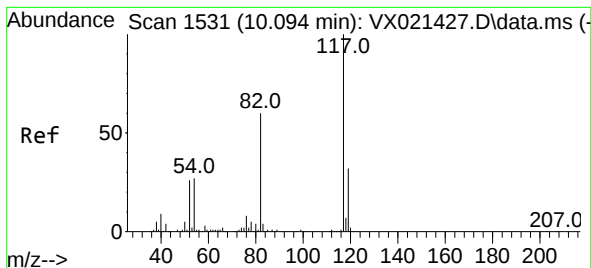
Tgt Ion: 98 Resp: 147641
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.71 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

Tgt Ion: 95 Resp: 60748
Ion Ratio Lower Upper
95 100
174 74.8 0.0 154.6
176 65.9 0.0 155.8

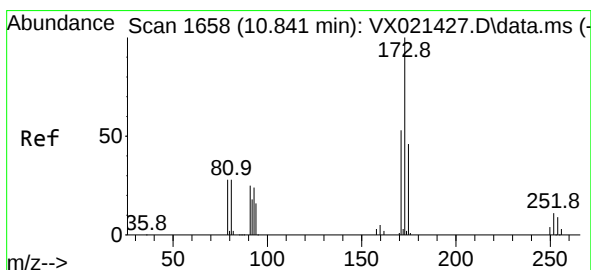
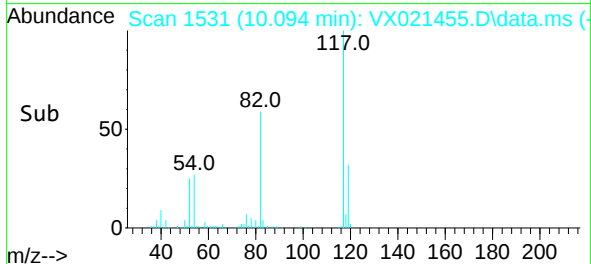
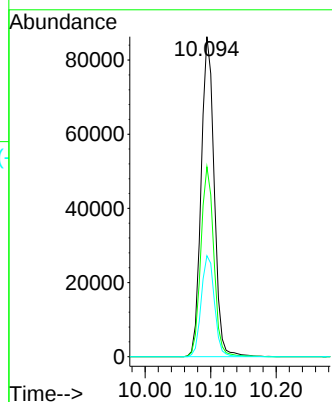
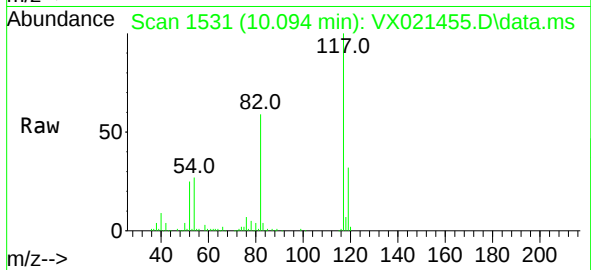




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

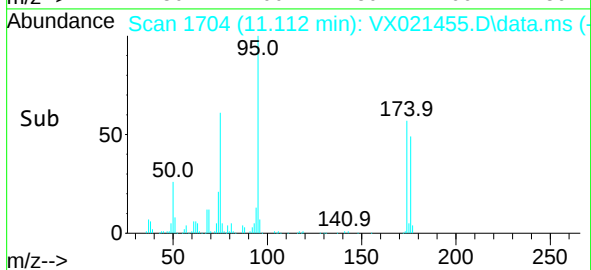
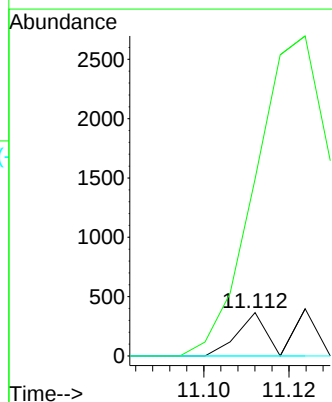
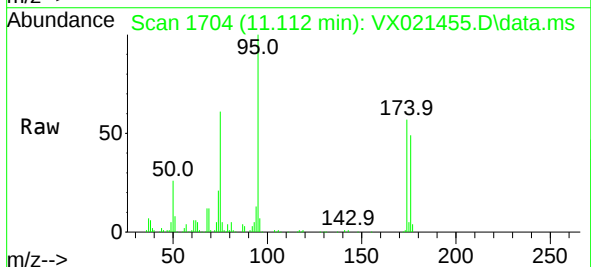
Instrument :
MSVOA_X
ClientSampleId :
FB-03232021

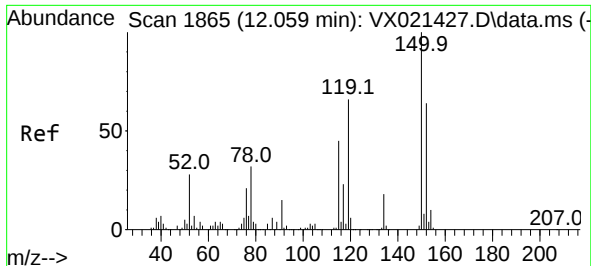
Tgt Ion:117 Resp: 119813
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.6 26.6 39.8



#71
Bromoform
Concen: 0.23 ug/l
RT: 11.112 min Scan# 1704
Delta R.T. 0.271 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

Tgt Ion:173 Resp: 170
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.1 0.1#

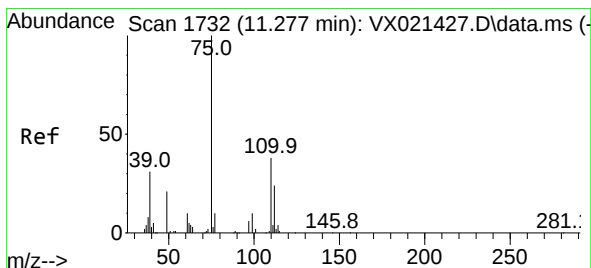
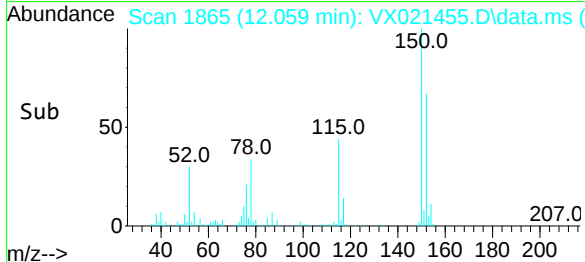
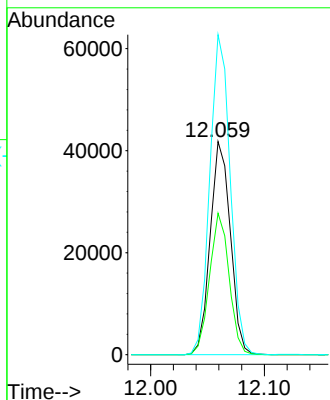
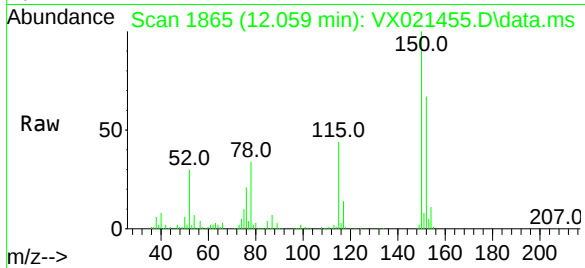




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

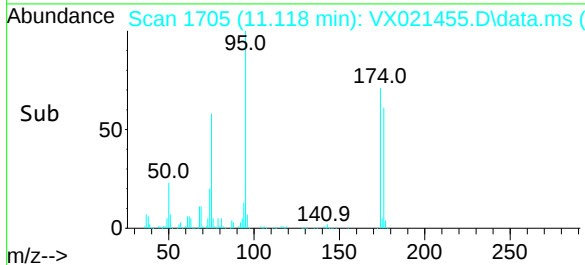
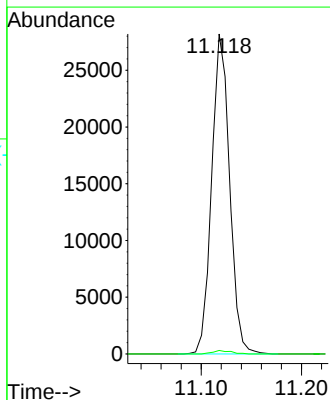
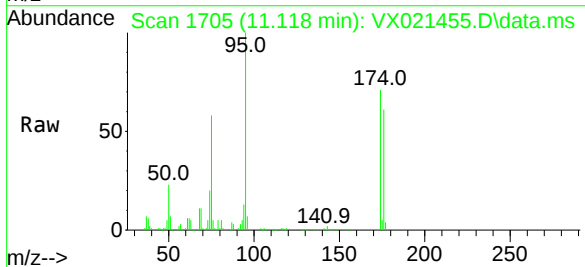
Instrument :
MSVOA_X
ClientSampleId :
FB-03232021

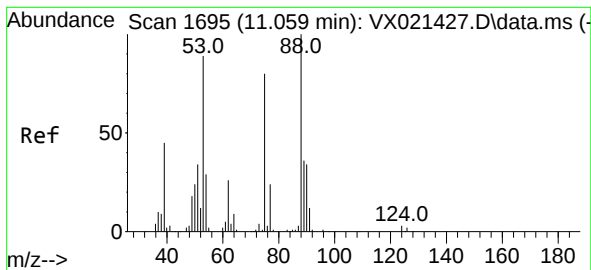
Tgt Ion:152 Resp: 51579
Ion Ratio Lower Upper
152 100
115 64.4 41.1 123.3
150 151.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021455.D
Acq: 24 Mar 2021 23:51

Tgt Ion: 75 Resp: 34991
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.76 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021455.D
 Acq: 24 Mar 2021 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-03232021

Tgt Ion: 75 Resp: 34991
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

