

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021054.D
 Acq On : 08 Mar 2021 12:51
 Operator : JC/MD
 Sample : M1594-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-030521

Quant Time: Mar 09 01:04:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

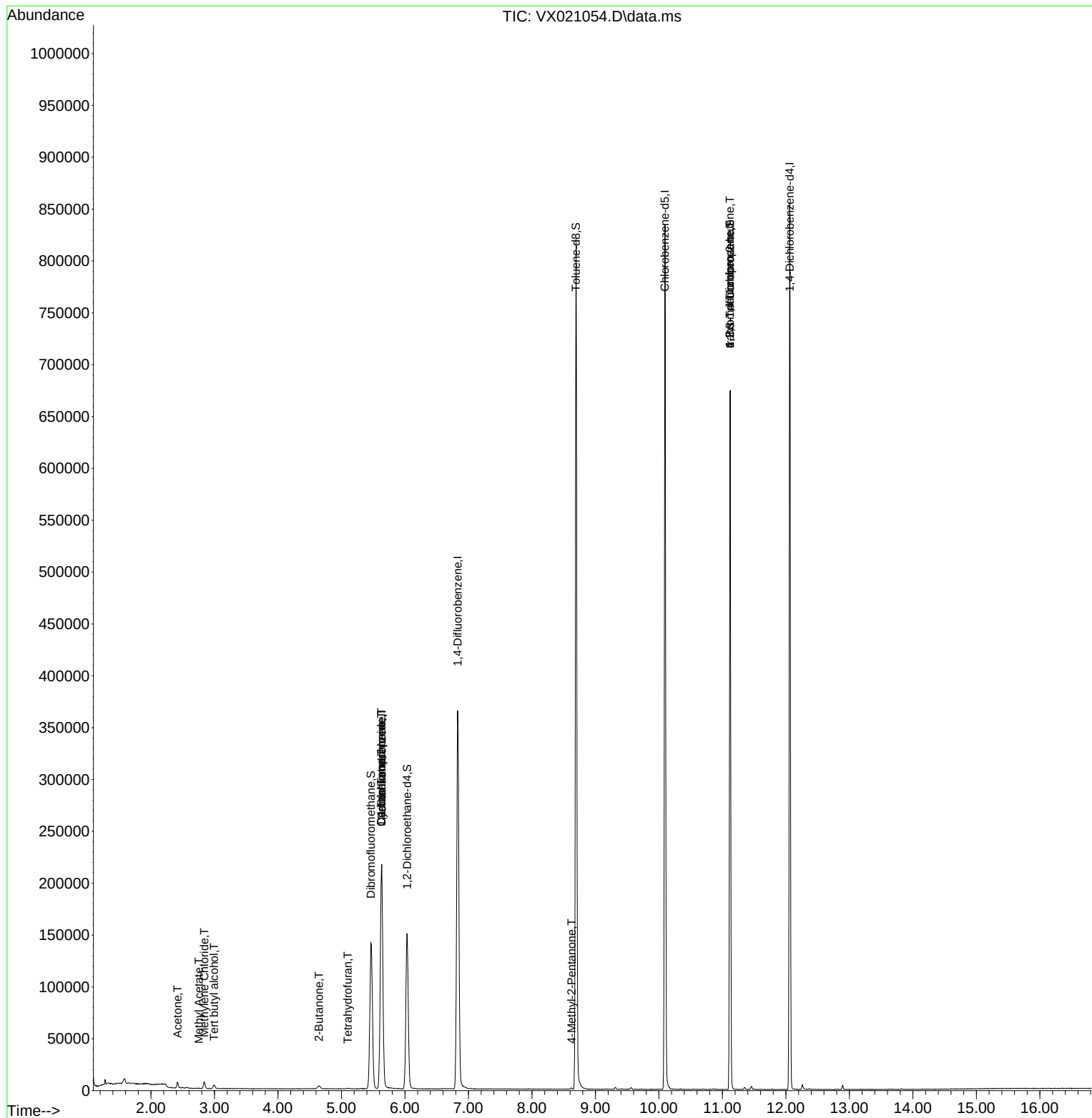
Internal Standards						
1) Pentafluorobenzene	5.635	168	215218	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	396340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	392224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	182010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	142516	49.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.04%		
35) Dibromofluoromethane	5.464	113	123728	51.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.76%		
50) Toluene-d8	8.694	98	496355	52.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.72%		
62) 4-Bromofluorobenzene	11.118	95	194122	55.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.82%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.634	94	442	Below Cal	#	80
11) Tert butyl alcohol	2.993	59	2167	3.35	ug/l #	73
16) Acetone	2.417	43	5588	4.67	ug/l	90
18) Methyl Acetate	2.752	43	633	0.22	ug/l #	53
20) Methylene Chloride	2.840	84	3173	1.10	ug/l #	86
25) 2-Butanone	4.647	43	1374	0.76	ug/l #	86
29) Tetrahydrofuran	5.100	42	295	0.25	ug/l #	51
31) Cyclohexane	5.629	56	3981	0.95	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16094	4.27	ug/l #	48
38) Carbon Tetrachloride	5.629	117	20352	5.58	ug/l #	16
51) 4-Methyl-2-Pentanone	8.624	43	849	0.24	ug/l	93
76) 1,2,3-Trichloropropane	11.118	75	91923	23.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	91923	51.98	ug/l #	12

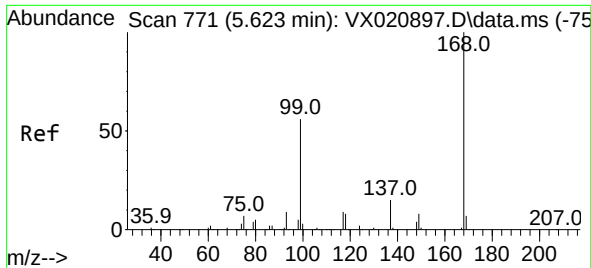
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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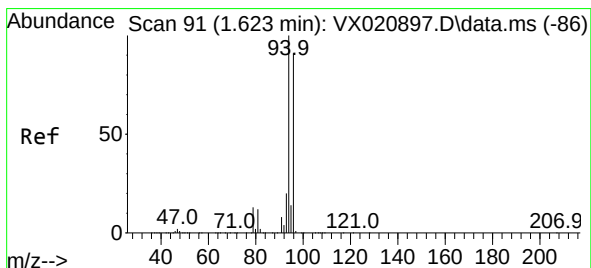
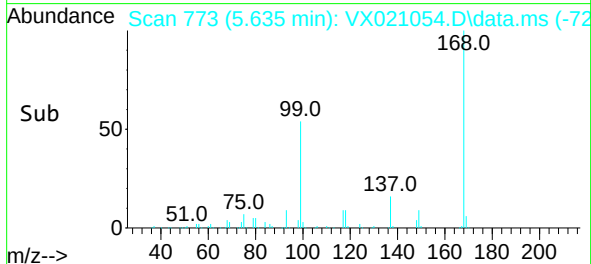
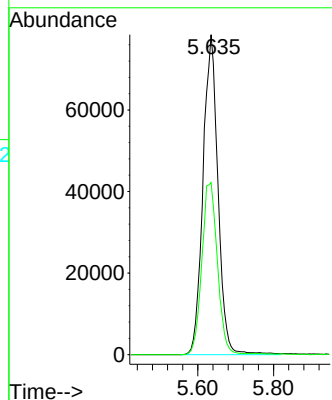
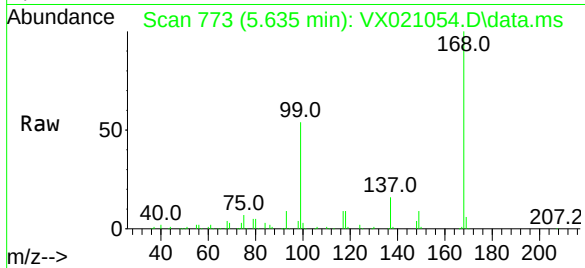




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

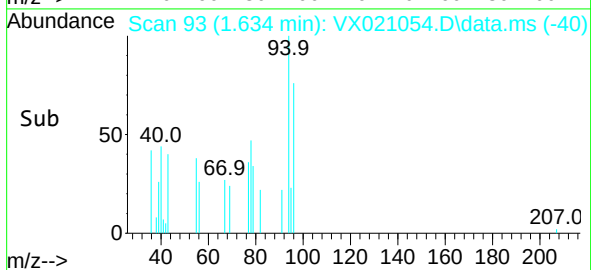
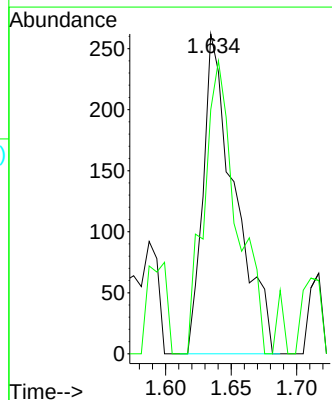
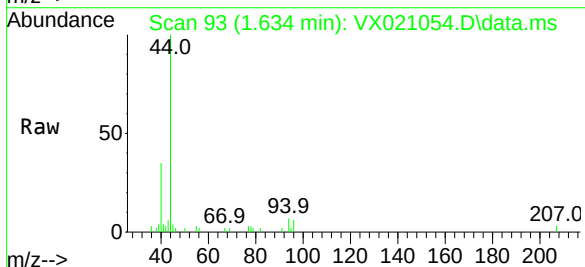
Instrument :
MSVOA_X
ClientSampleId :
EB-01-030521

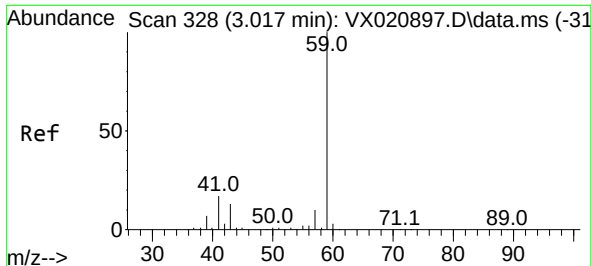
Tgt Ion:168 Resp: 215218
Ion Ratio Lower Upper
168 100
99 53.8 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 76.3 76.4 114.6#

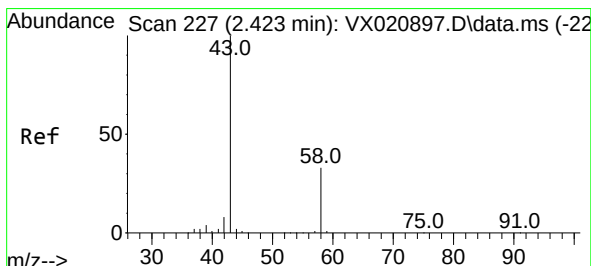
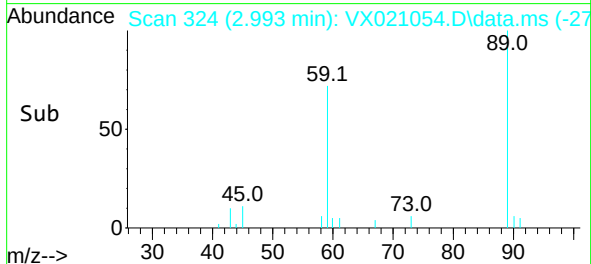
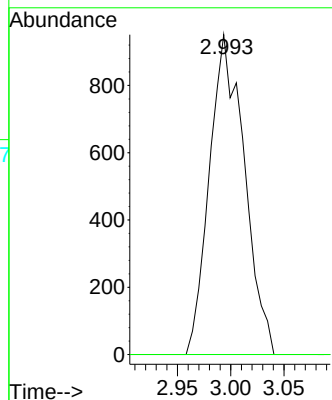
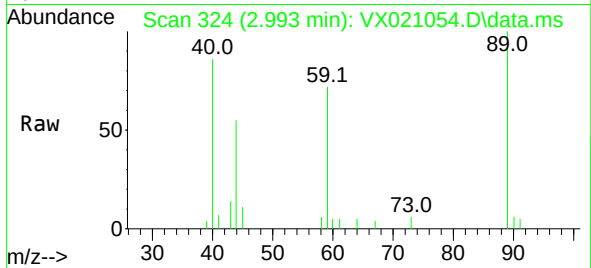




#11
Tert butyl alcohol
Concen: 3.35 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.023 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

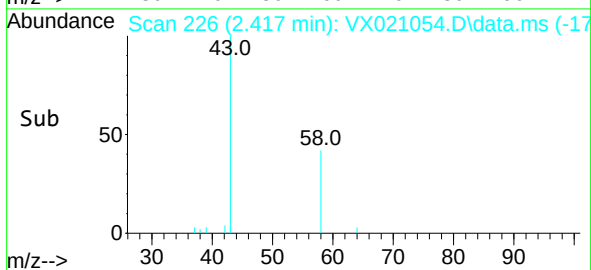
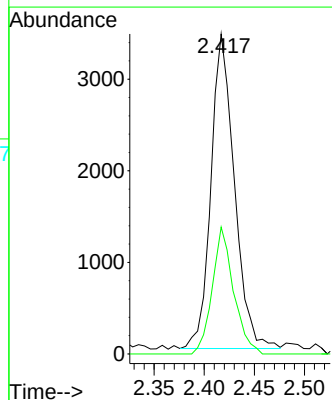
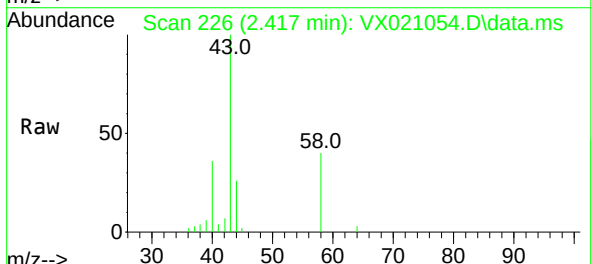
Instrument :
MSVOA_X
ClientSampleId :
EB-01-030521

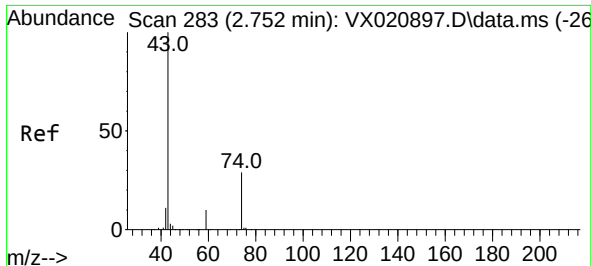
Tgt Ion: 59 Resp: 2167
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 4.67 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

Tgt Ion: 43 Resp: 5588
Ion Ratio Lower Upper
43 100
58 40.3 27.8 41.8

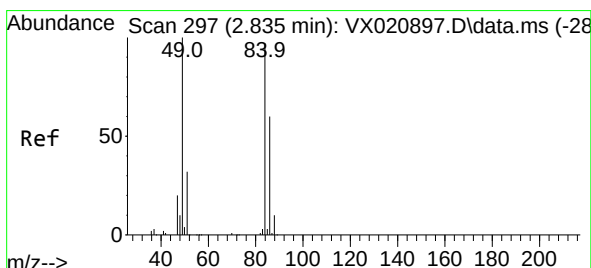
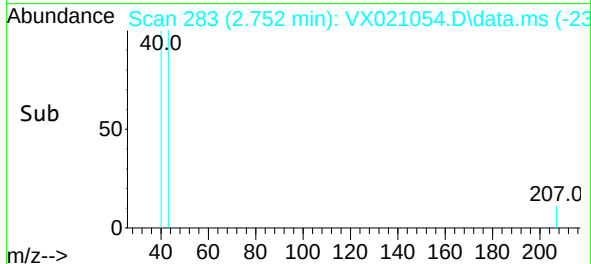
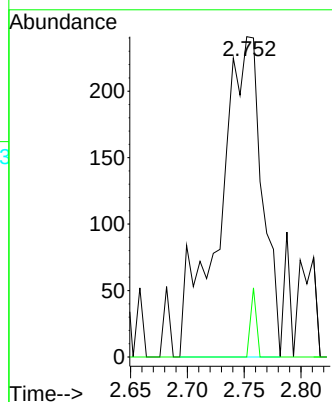
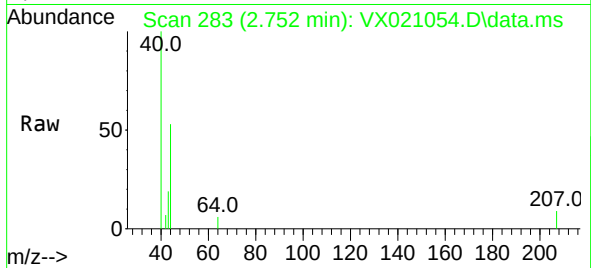




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

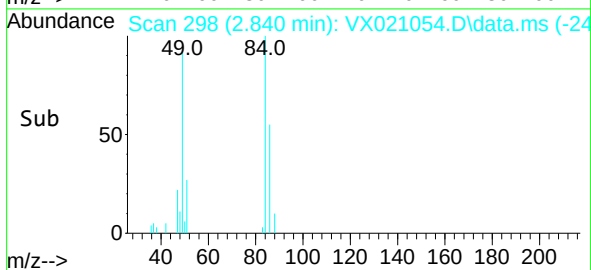
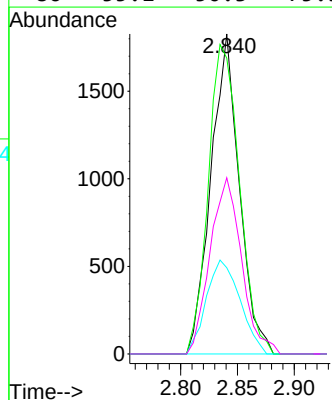
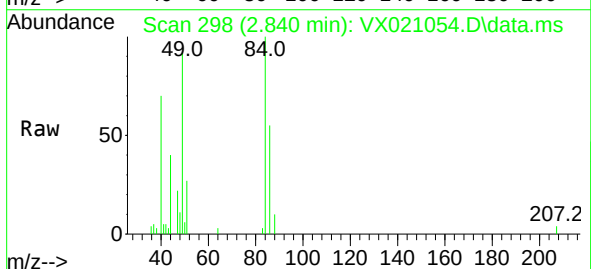
Instrument :
MSVOA_X
ClientSampleId :
EB-01-030521

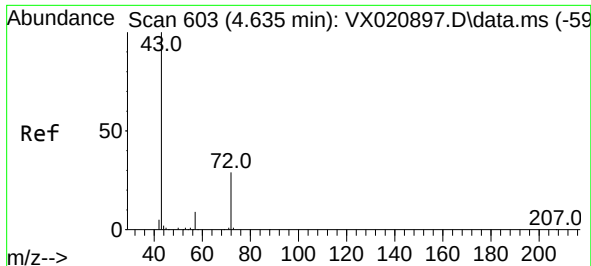
Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
74 2.8 21.9 32.9#



#20
Methylene Chloride
Concen: 1.10 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

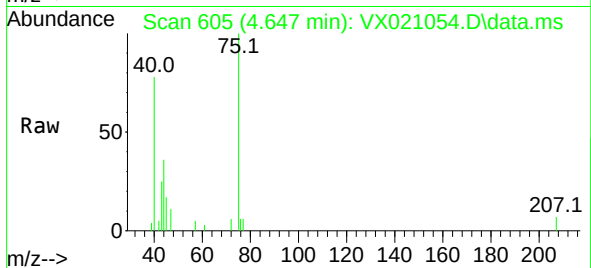
Tgt Ion: 84 Resp: 3173
Ion Ratio Lower Upper
84 100
49 92.4 88.6 132.8
51 26.9 27.0 40.6#
86 55.1 50.3 75.5



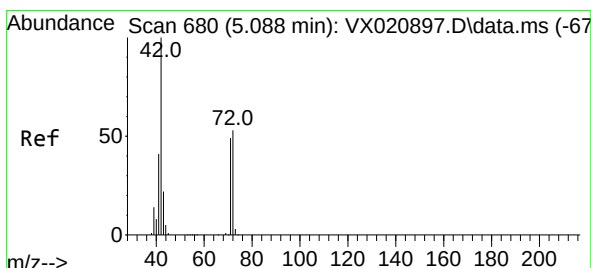
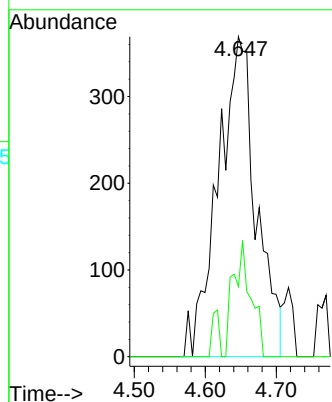
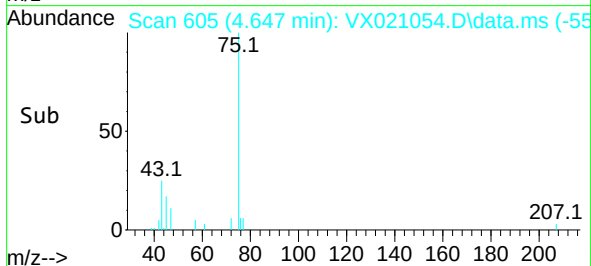


#25
2-Butanone
Concen: 0.76 ug/l
RT: 4.647 min Scan# 605
Delta R.T. 0.012 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

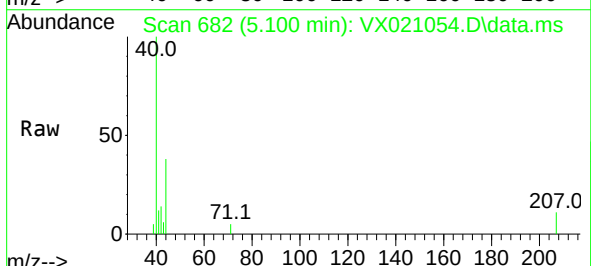
Instrument :
MSVOA_X
ClientSampleId :
EB-01-030521



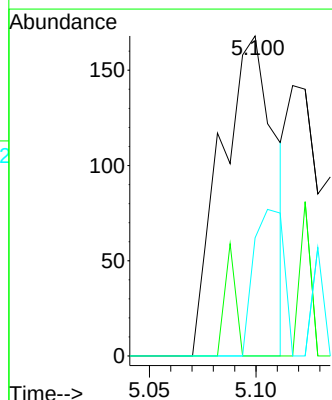
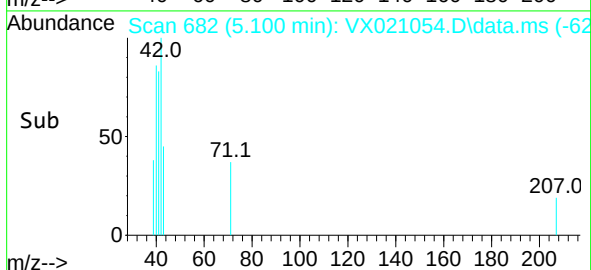
Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
72 22.0 23.7 35.5#

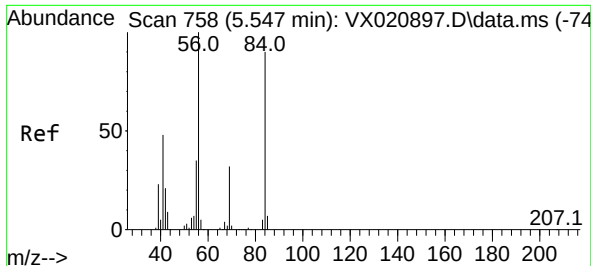


#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 5.100 min Scan# 682
Delta R.T. 0.012 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51



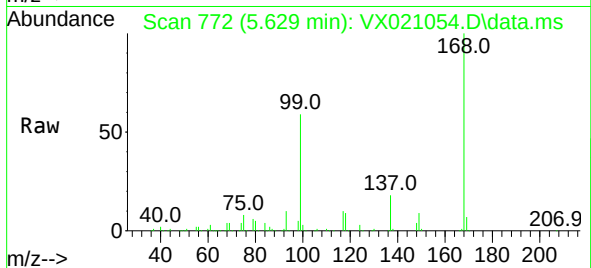
Tgt Ion: 42 Resp: 295
Ion Ratio Lower Upper
42 100
72 7.1 41.7 62.5#
71 25.8 38.4 57.6#



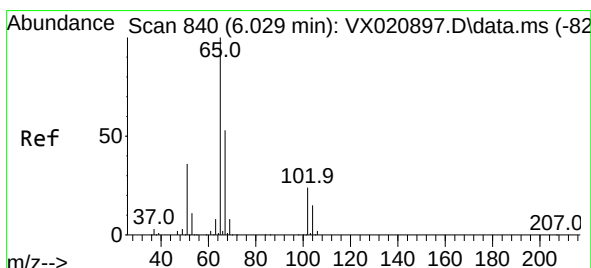
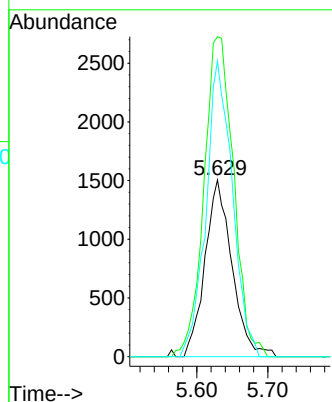
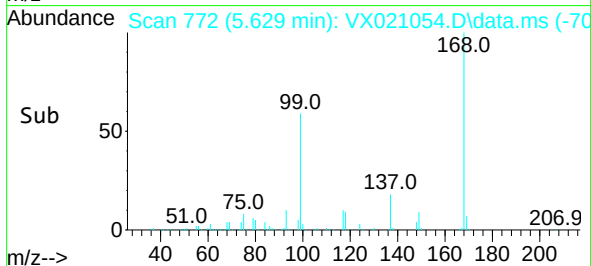


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

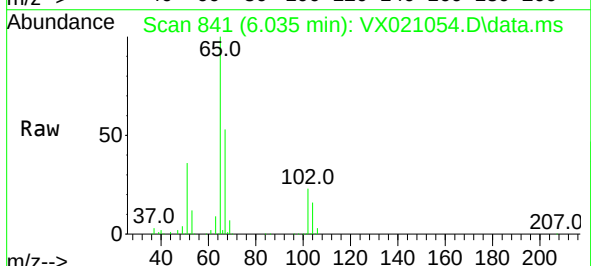
Instrument :
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ClientSampleId :
EB-01-030521



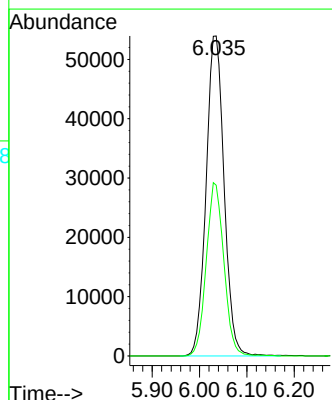
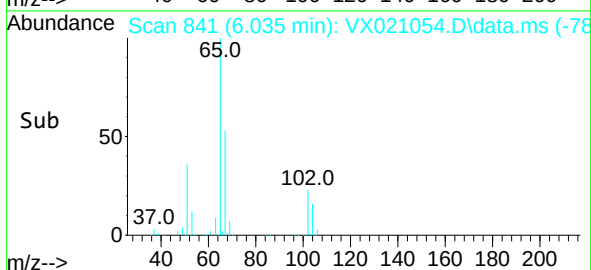
Tgt Ion: 56 Resp: 3981
Ion Ratio Lower Upper
56 100
69 181.0 25.3 37.9#
84 167.1 71.4 107.0#

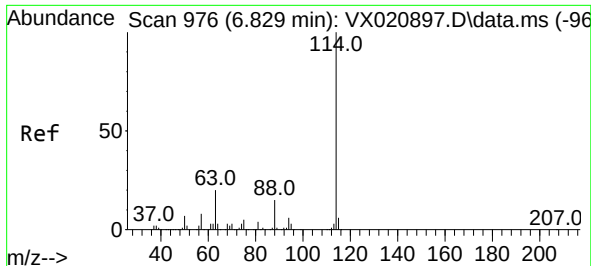


#33
1,2-Dichloroethane-d4
Concen: 49.02 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51



Tgt Ion: 65 Resp: 142516
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

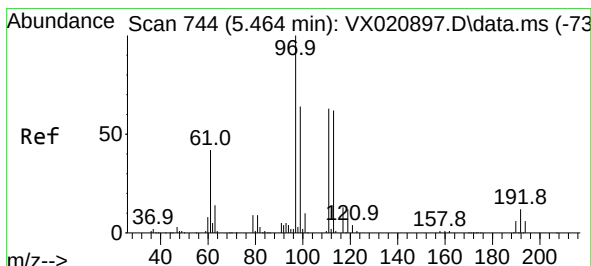
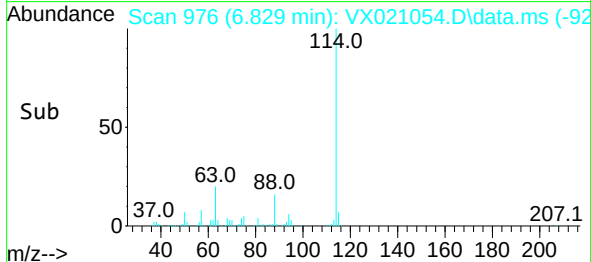
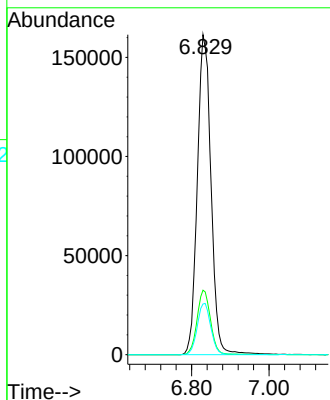
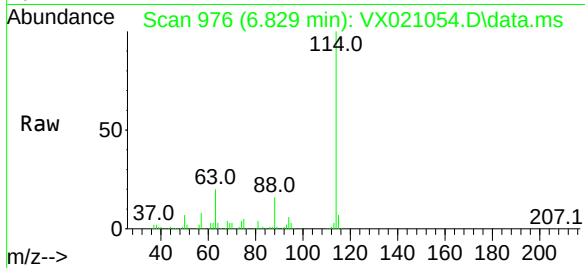




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

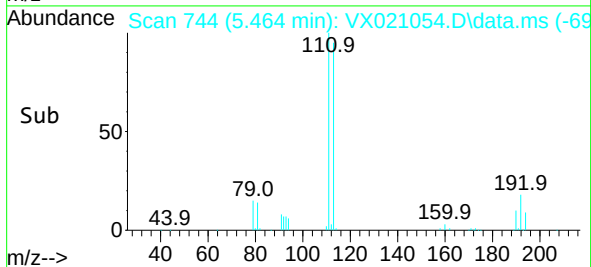
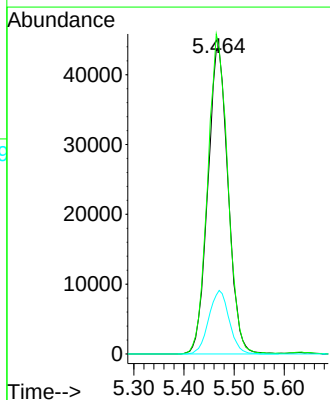
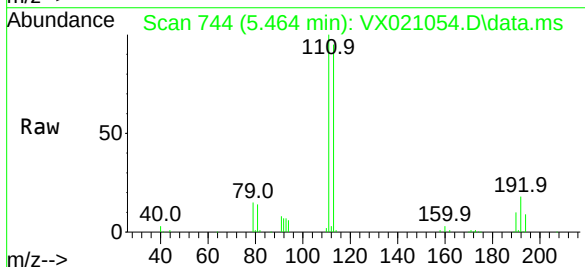
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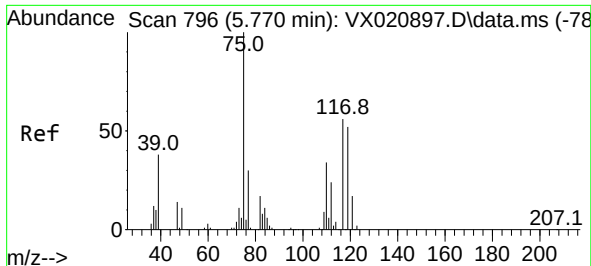
Tgt Ion:114 Resp: 396340
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.38 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

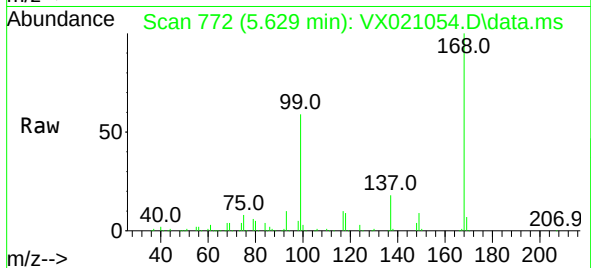
Tgt Ion:113 Resp: 123728
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.7 16.7 25.1



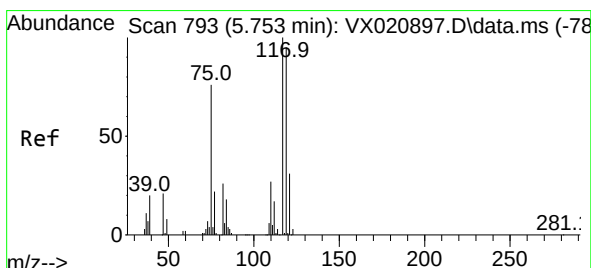
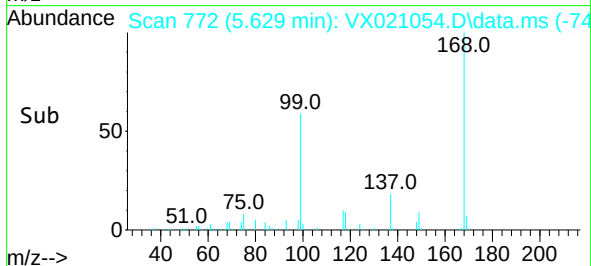
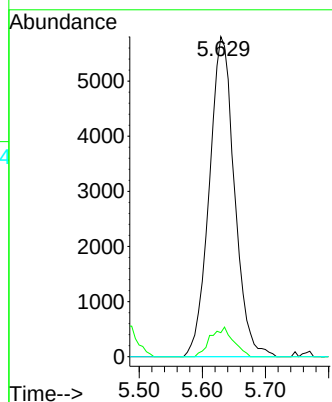


#36
 1,1-Dichloropropene
 Concen: 4.27 ug/l
 RT: 5.629 min Scan# 772
 Delta R.T. -0.141 min
 Lab File: VX021054.D
 Acq: 08 Mar 2021 12:51

Instrument :
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 EB-01-030521

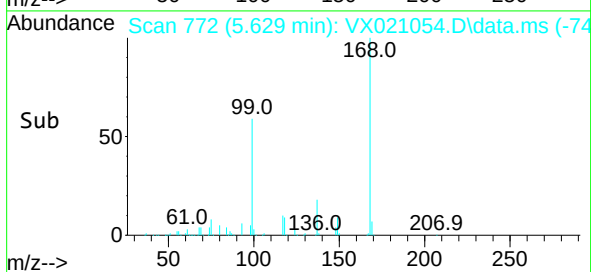
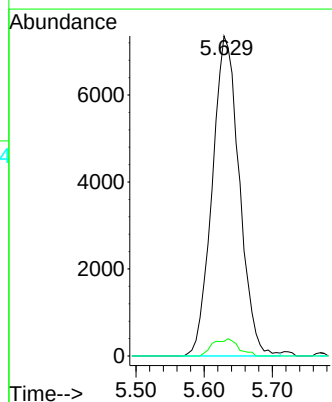
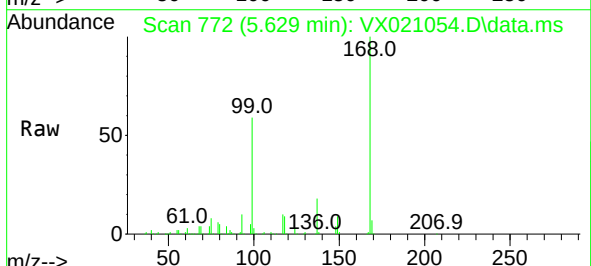


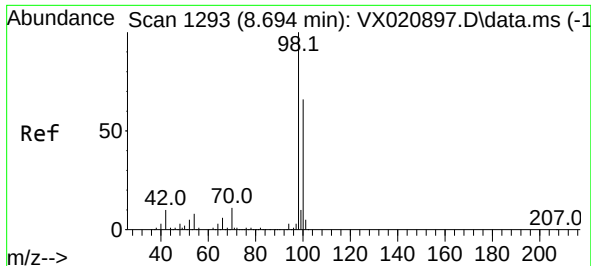
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 5.58 ug/l
 RT: 5.629 min Scan# 772
 Delta R.T. -0.123 min
 Lab File: VX021054.D
 Acq: 08 Mar 2021 12:51

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

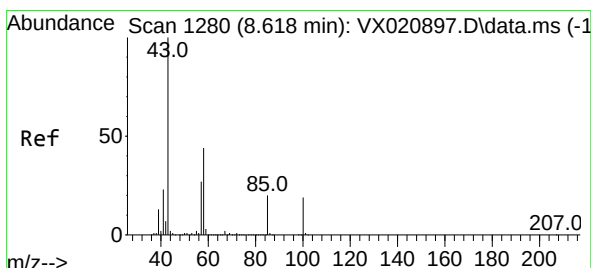
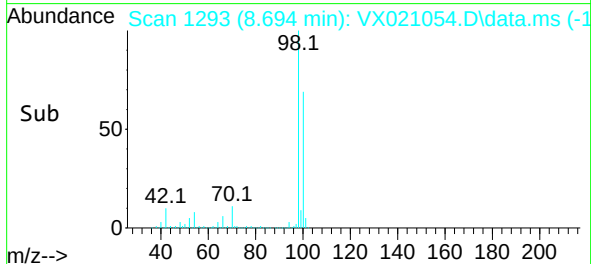
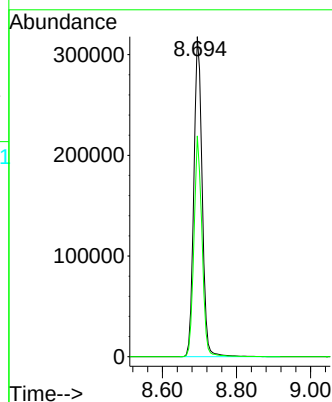
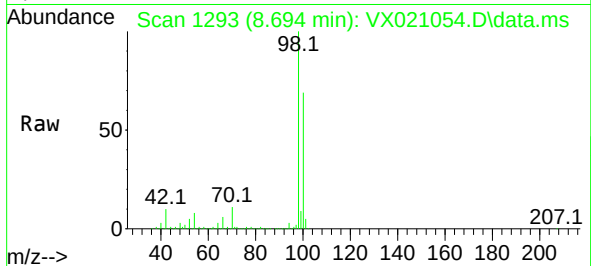




#50
Toluene-d8
Concen: 52.86 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

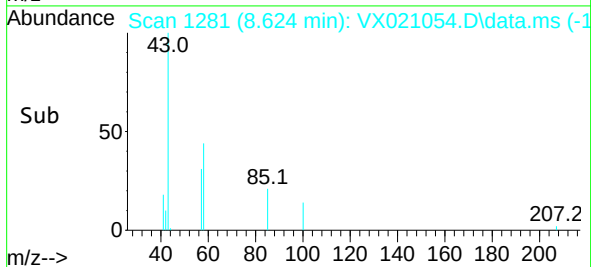
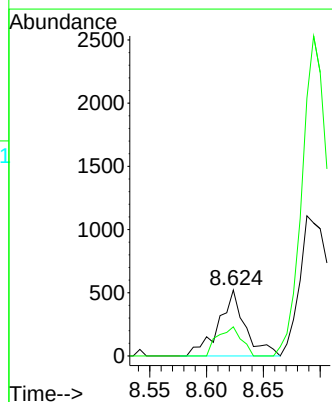
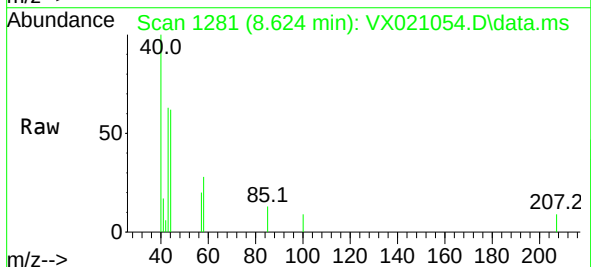
Instrument :
MSVOA_X
ClientSampleId :
EB-01-030521

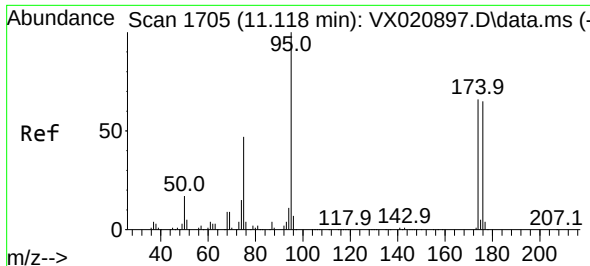
Tgt Ion: 98 Resp: 496355
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 8.624 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 39.6 35.4 53.0

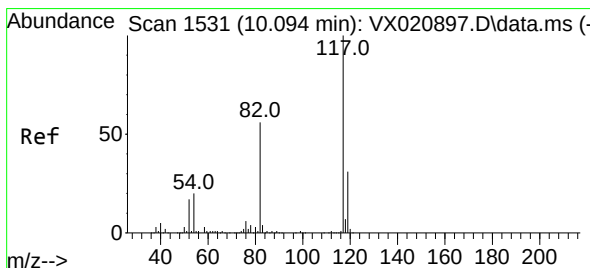
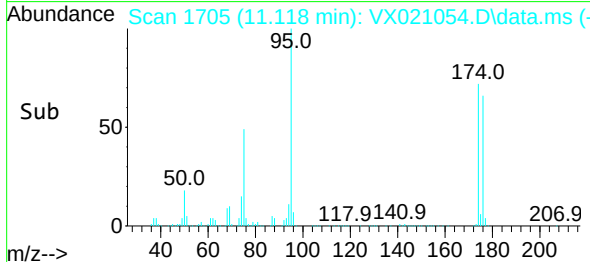
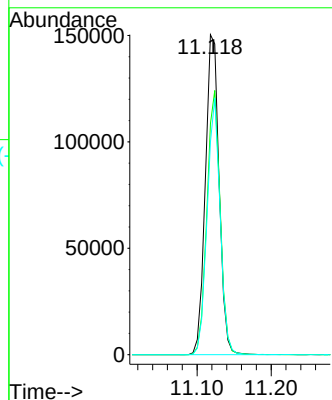
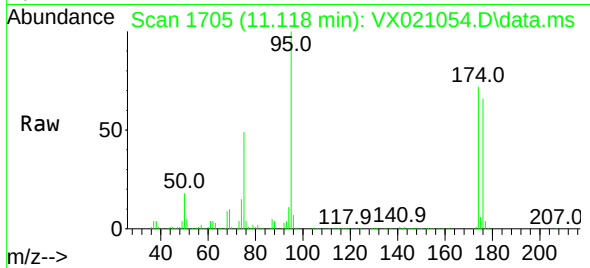




#62
4-Bromofluorobenzene
Concen: 55.91 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

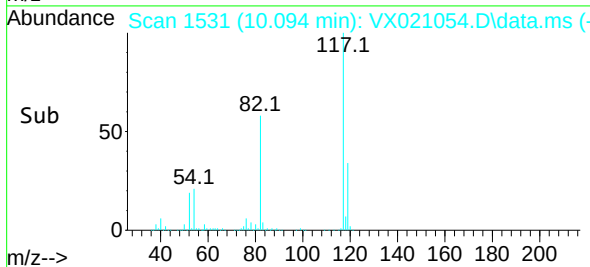
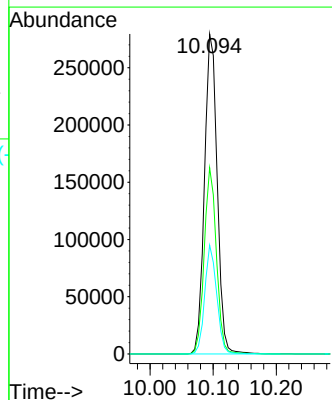
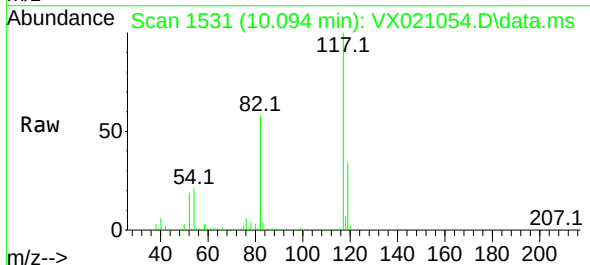
Instrument :
MSVOA_X
ClientSampleId :
EB-01-030521

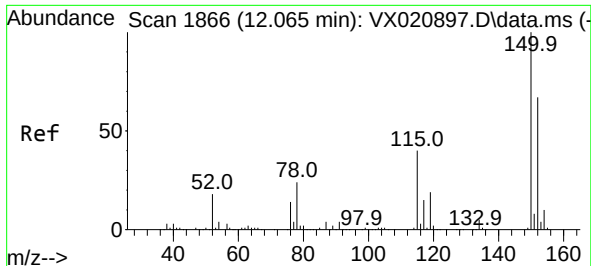
Tgt Ion:	95	Resp:	194122
Ion Ratio	Lower	Upper	
95	100		
174	79.7	0.0	154.6
176	75.7	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021054.D
Acq: 08 Mar 2021 12:51

Tgt Ion:	117	Resp:	392224
Ion Ratio	Lower	Upper	
117	100		
82	58.2	47.4	71.2
119	34.0	26.6	39.8

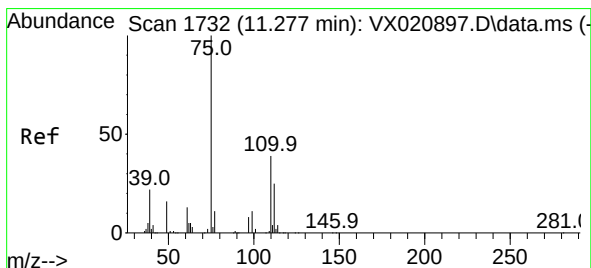
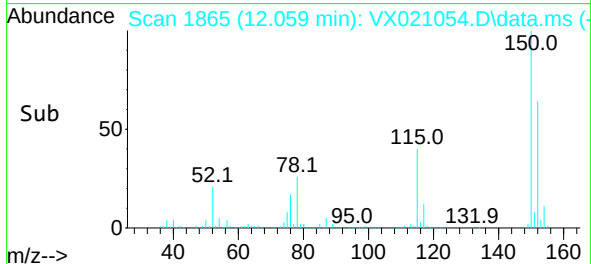
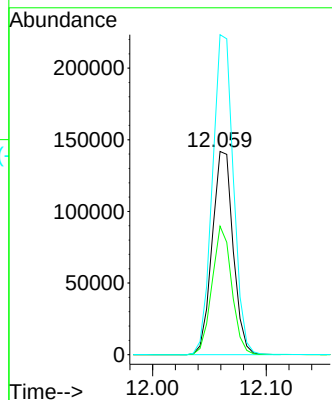
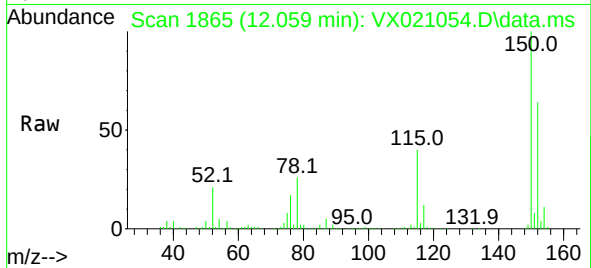




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX021054.D
 Acq: 08 Mar 2021 12:51

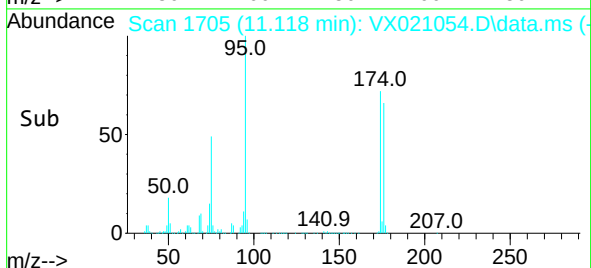
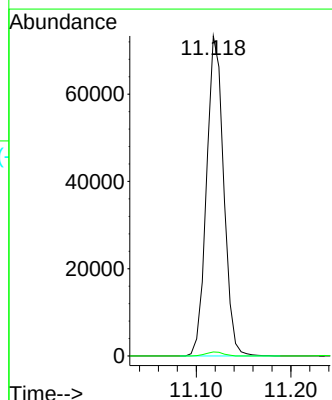
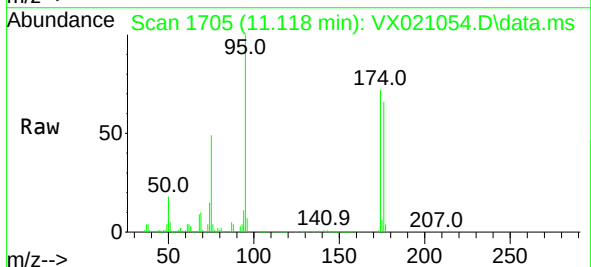
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-030521

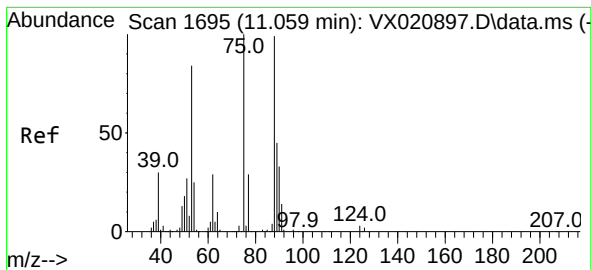
Tgt Ion:152 Resp: 182010
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 157.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.48 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021054.D
 Acq: 08 Mar 2021 12:51

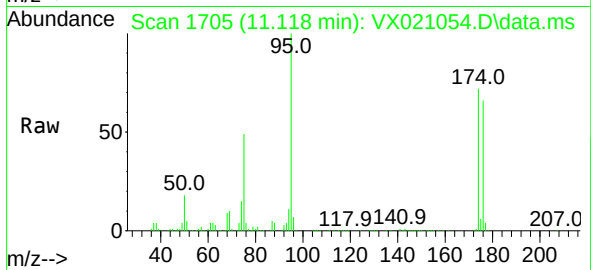
Tgt Ion: 75 Resp: 91923
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.98 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021054.D
 Acq: 08 Mar 2021 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-030521



Tgt Ion: 75 Resp: 91923
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

