

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020956.D
 Acq On : 01 Mar 2021 23:46
 Operator : JC/MD
 Sample : M1535-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-030121

Quant Time: Mar 02 00:35:34 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)

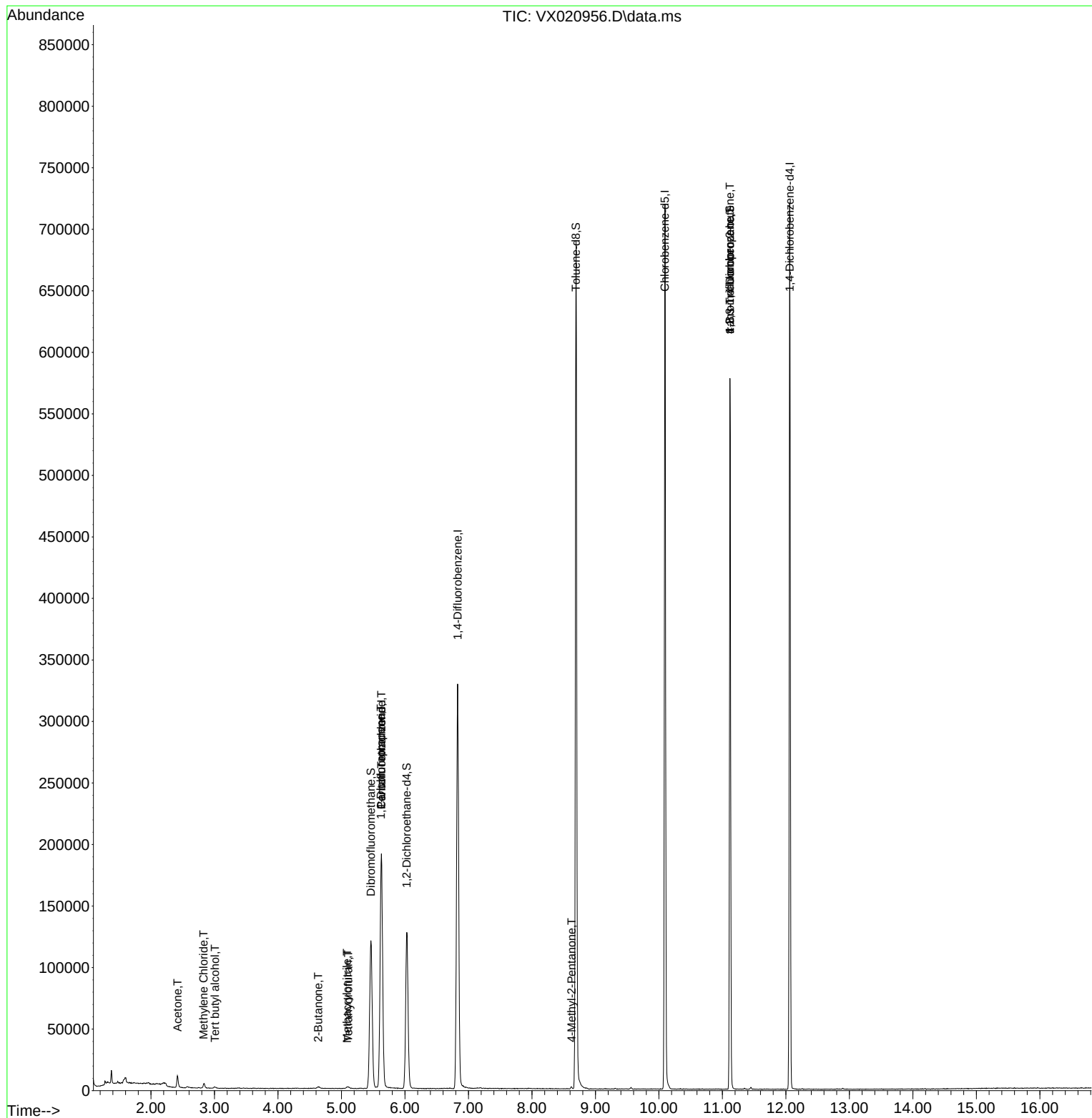
Internal Standards						
1) Pentafluorobenzene	5.629	168	187939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	347186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	337813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	147410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	121157	47.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.46%		
35) Dibromofluoromethane	5.464	113	106277	50.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.76%		
50) Toluene-d8	8.694	98	410247	49.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.76%		
62) 4-Bromofluorobenzene	11.118	95	162480	53.43	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.86%		
Target Compounds						
5) Bromomethane	1.634	94	301	Below Cal		86
11) Tert butyl alcohol	3.005	59	1301	2.30 ug/l #		84
16) Acetone	2.417	43	9260	8.85 ug/l		99
20) Methylene Chloride	2.828	84	1825	0.73 ug/l		88
25) 2-Butanone	4.635	43	2501	1.57 ug/l		90
29) Tetrahydrofuran	5.105	42	1394	1.37 ug/l #		83
36) 1,1-Dichloropropene	5.623	75	13831	4.19 ug/l #		48
38) Carbon Tetrachloride	5.629	117	17563	5.49 ug/l #		16
41) Methacrylonitrile	5.088	41	959	0.54 ug/l #		30
51) 4-Methyl-2-Pentanone	8.623	43	1014	0.33 ug/l		95
76) 1,2,3-Trichloropropane	11.118	75	76649	24.17 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	76649	53.51 ug/l #		12

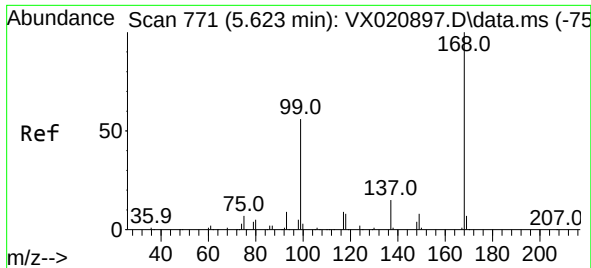
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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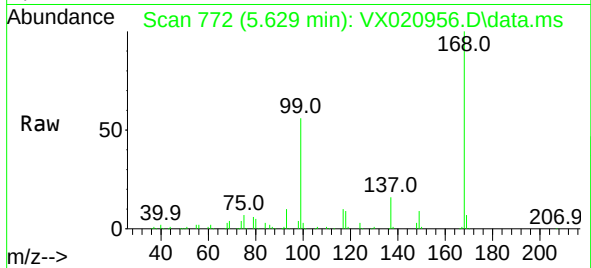
Quant Time: Mar 02 00:35:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
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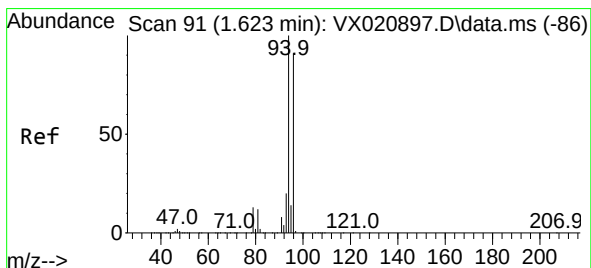
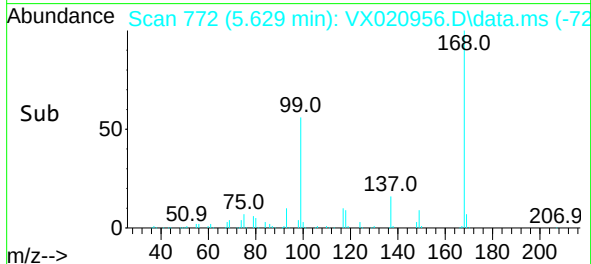
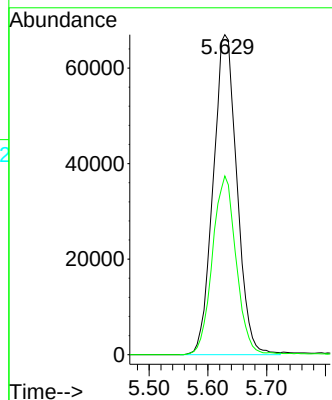


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :
EB-01-030121

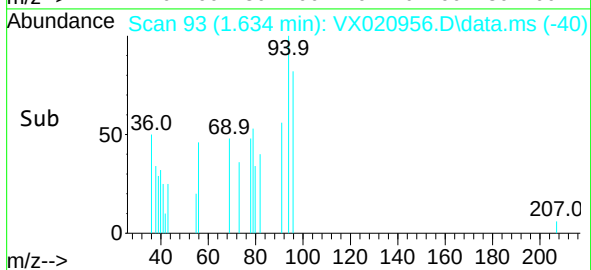
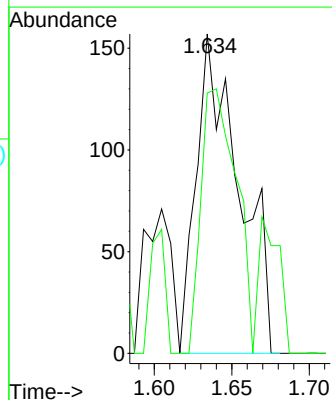
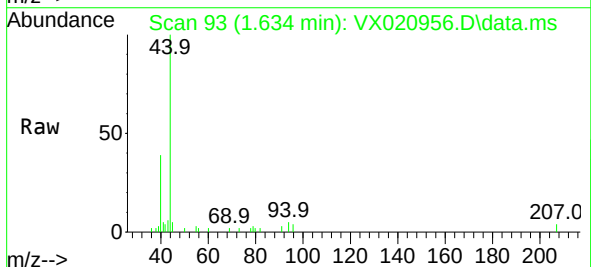


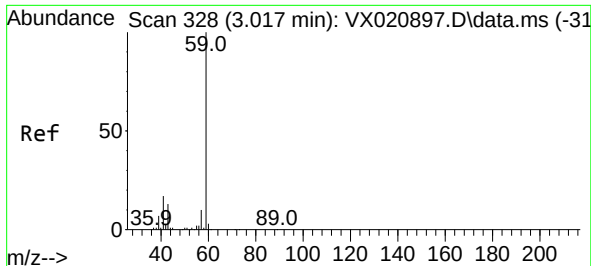
Tgt Ion:168 Resp: 187939
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 81.5 76.4 114.6

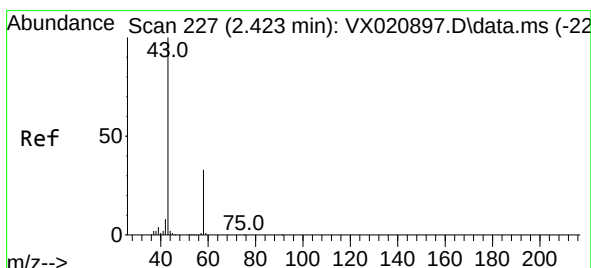
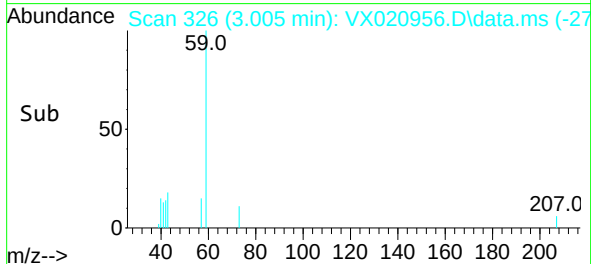
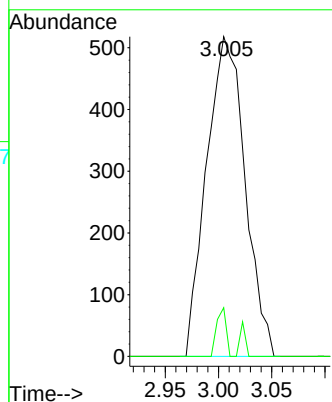
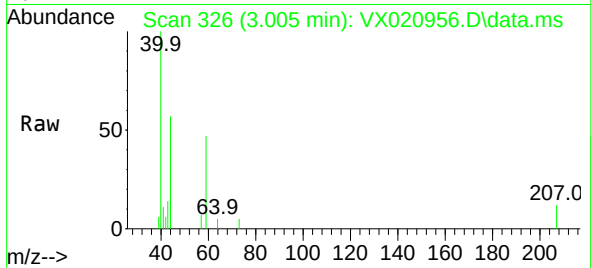




#11
Tert butyl alcohol
Concen: 2.30 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

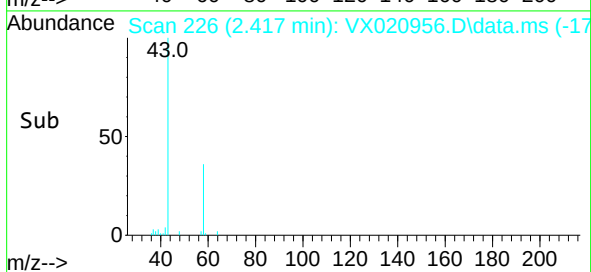
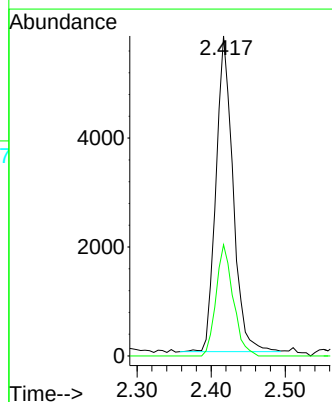
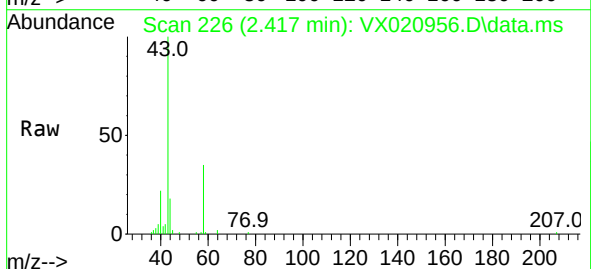
Instrument :
MSVOA_X
ClientSampleId :
EB-01-030121

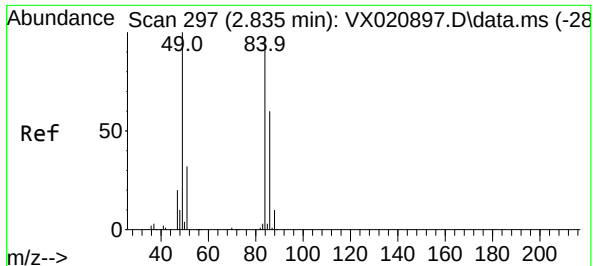
Tgt Ion: 59 Resp: 1301
Ion Ratio Lower Upper
59 100
57 3.8 7.8 11.8#



#16
Acetone
Concen: 8.85 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

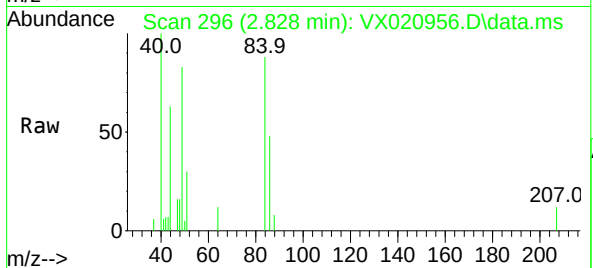
Tgt Ion: 43 Resp: 9260
Ion Ratio Lower Upper
43 100
58 35.2 27.8 41.8



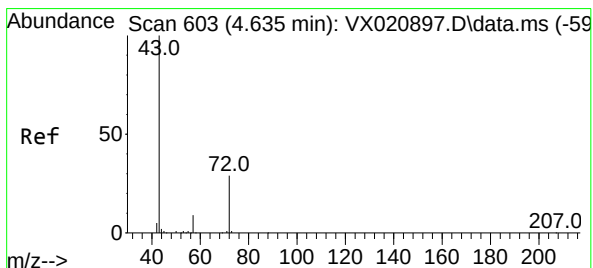
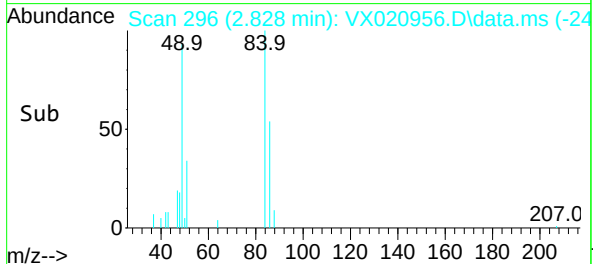
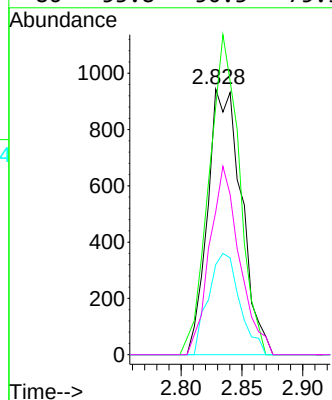


#20
Methylene Chloride
Concen: 0.73 ug/l
RT: 2.828 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :
EB-01-030121

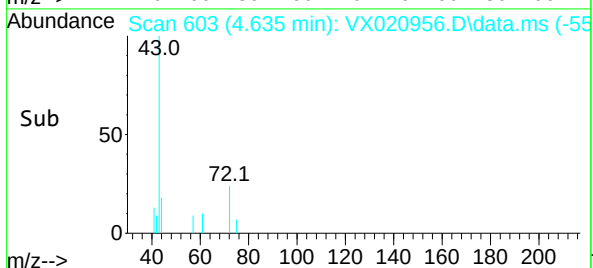
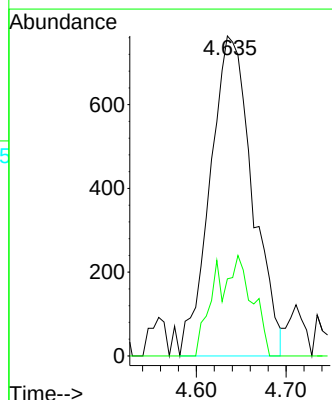
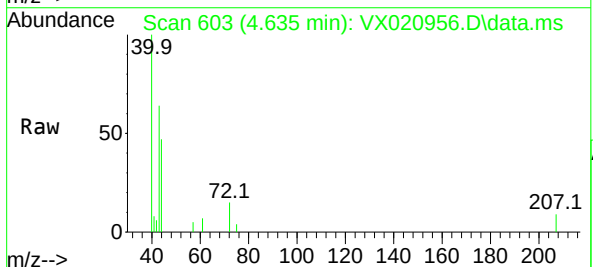


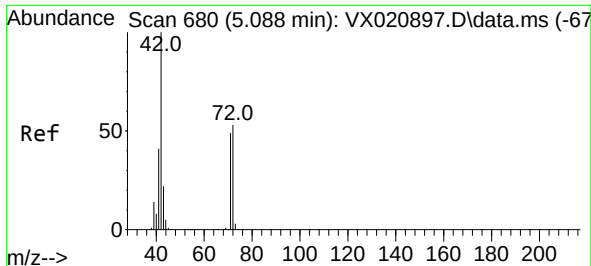
Tgt Ion:	84	Resp:	1825
Ion	Ratio	Lower	Upper
84	100		
49	93.3	88.6	132.8
51	33.9	27.0	40.6
86	53.8	50.3	75.5



#25
2-Butanone
Concen: 1.57 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Tgt Ion:	43	Resp:	2501
Ion	Ratio	Lower	Upper
43	100		
72	24.1	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.37 ug/l

RT: 5.105 min Scan# 683

Delta R.T. 0.017 min

Lab File: VX020956.D

Acq: 01 Mar 2021 23:46

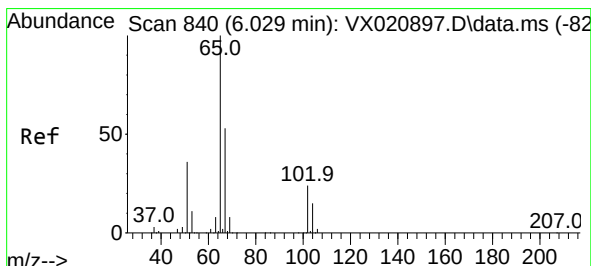
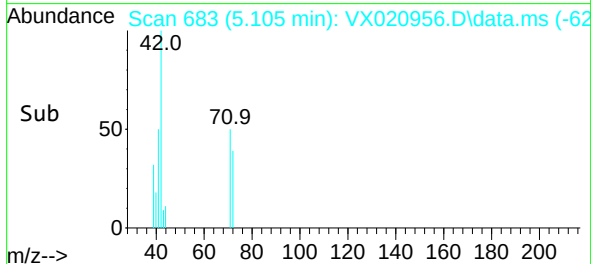
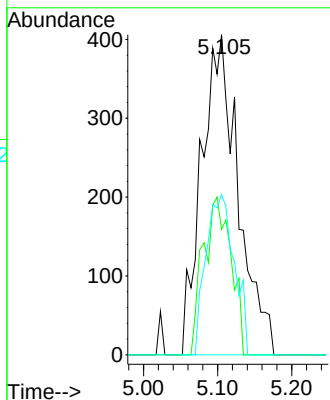
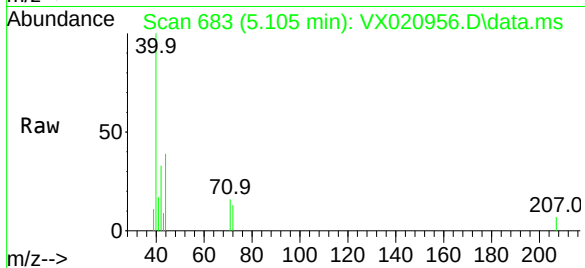
Instrument :

MSVOA_X

ClientSampleId :

EB-01-030121

Tgt Ion:	42	Resp:	1394
Ion	Ratio	Lower	Upper
42	100		
72	37.4	41.7	62.5#
71	38.7	38.4	57.6



#33

1,2-Dichloroethane-d4

Concen: 47.73 ug/l

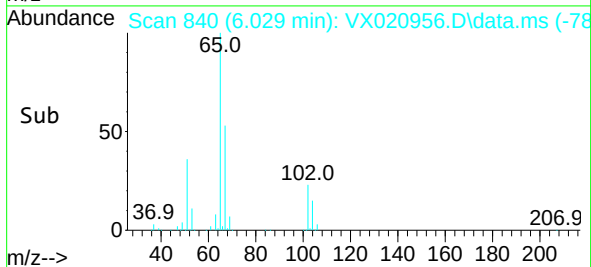
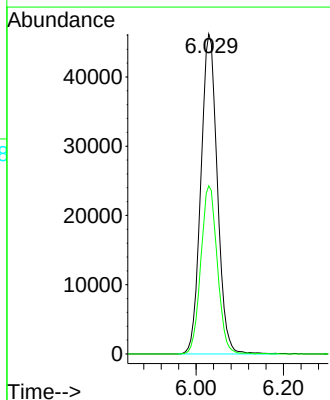
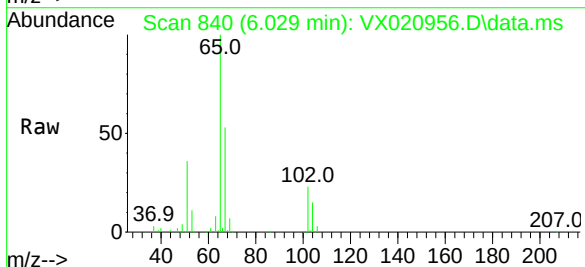
RT: 6.029 min Scan# 840

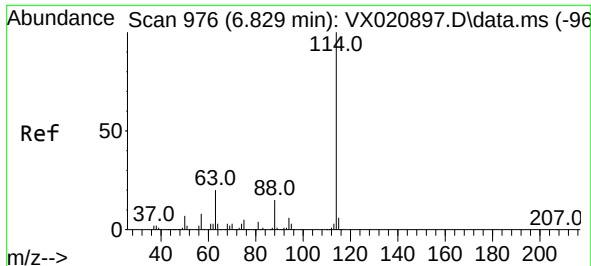
Delta R.T. -0.000 min

Lab File: VX020956.D

Acq: 01 Mar 2021 23:46

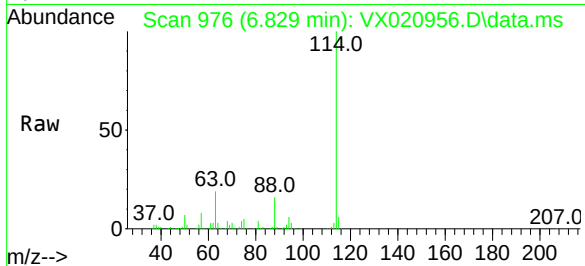
Tgt Ion:	65	Resp:	121157
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.4



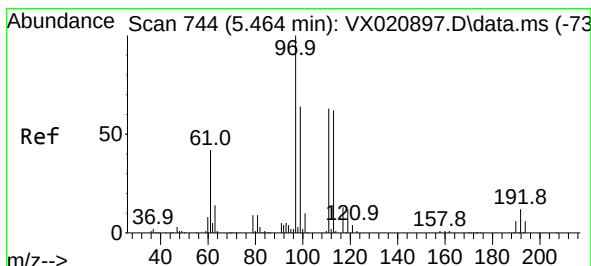
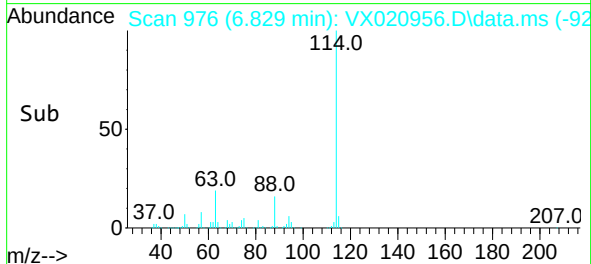
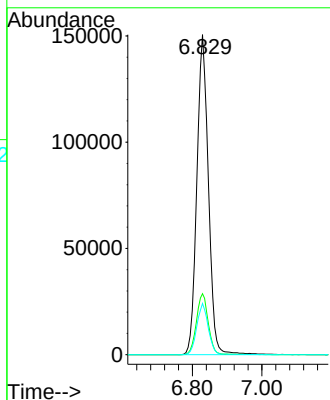


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

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ClientSampleId :
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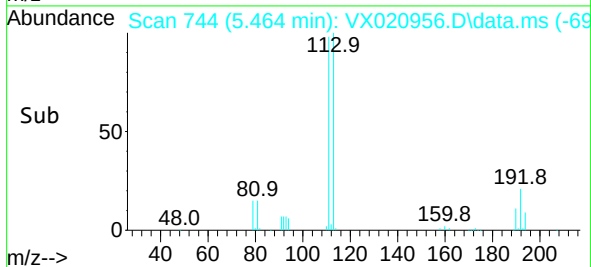
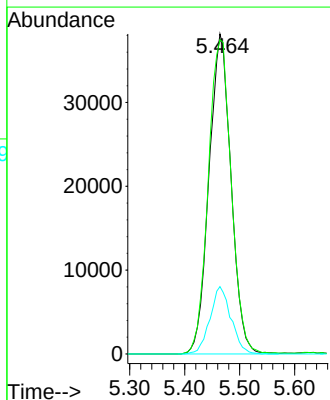
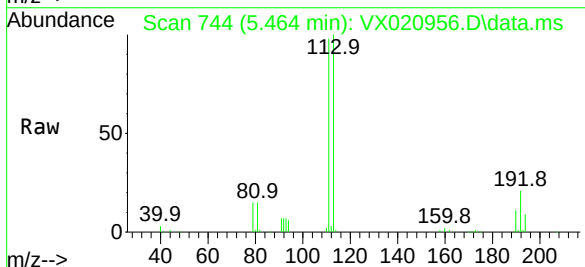


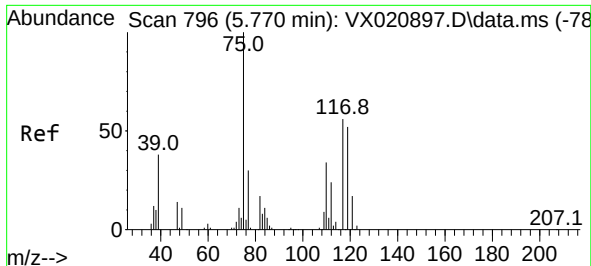
Tgt Ion:114 Resp: 347186
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

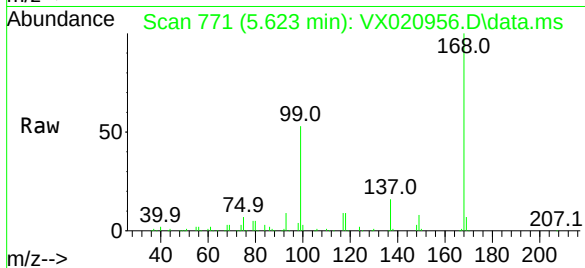
Tgt Ion:113 Resp: 106277
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.1 16.7 25.1



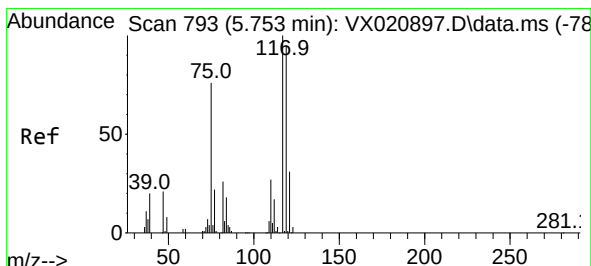
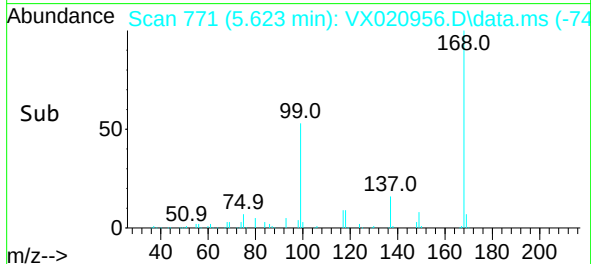
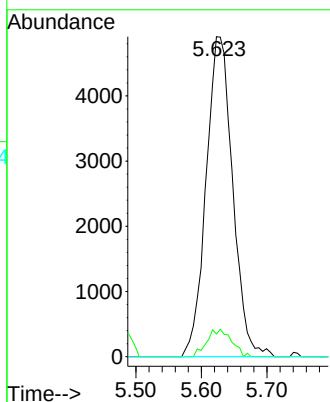


#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

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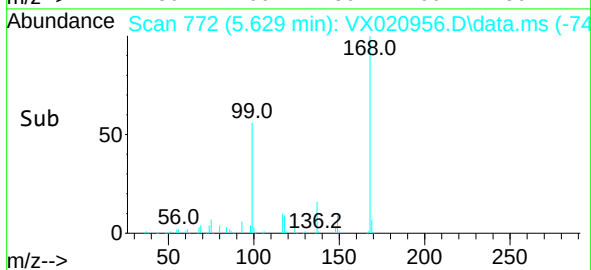
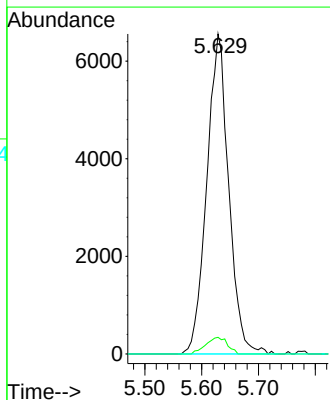
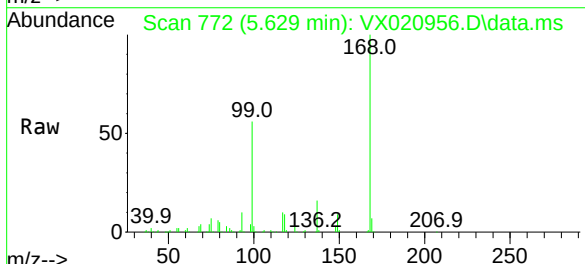


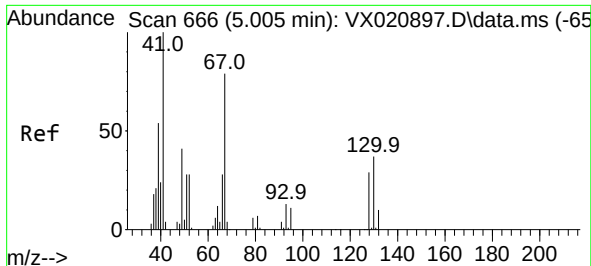
Tgt Ion: 75 Resp: 13831
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Tgt Ion: 117 Resp: 17563
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

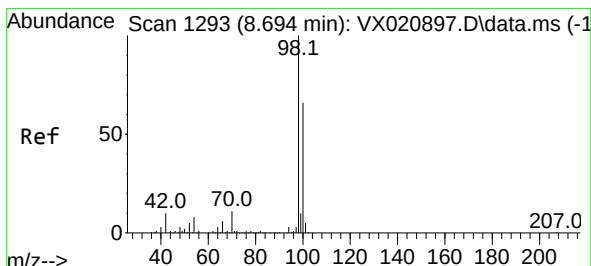
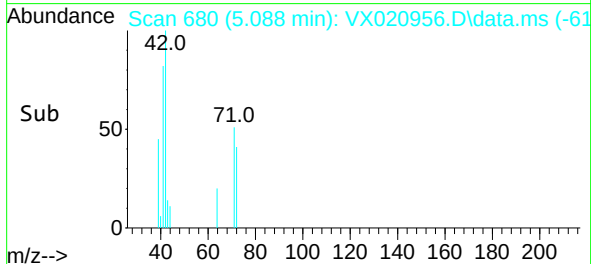
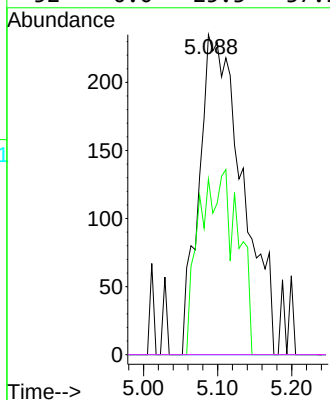
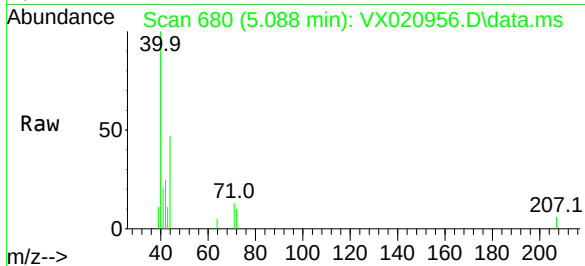




#41
Methacrylonitrile
Concen: 0.54 ug/l
RT: 5.088 min Scan# 680
Delta R.T. 0.082 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

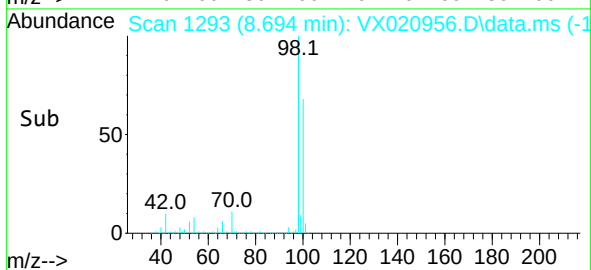
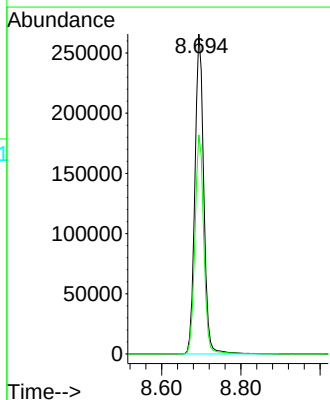
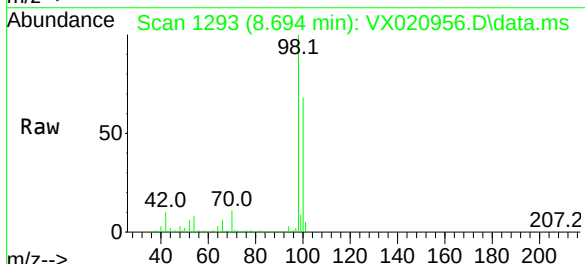
Instrument :
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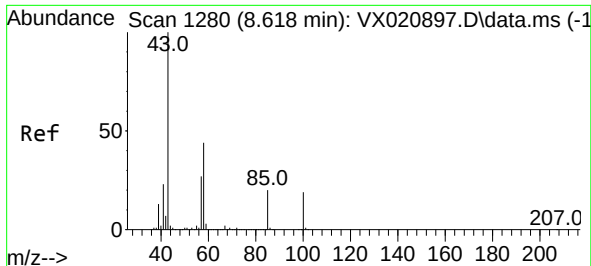
Tgt Ion:	41	Resp:	959
Ion	Ratio	Lower	Upper
41	100		
39	21.6	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#50
Toluene-d8
Concen: 49.88 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Tgt Ion:	98	Resp:	410247
Ion	Ratio	Lower	Upper
98	100		
100	68.5	51.9	77.9

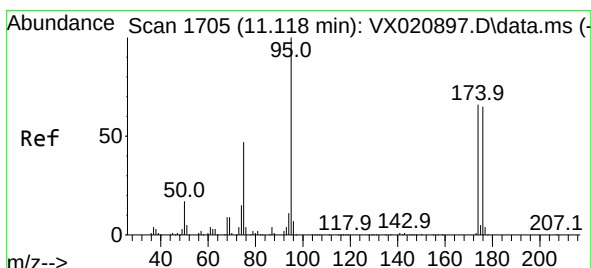
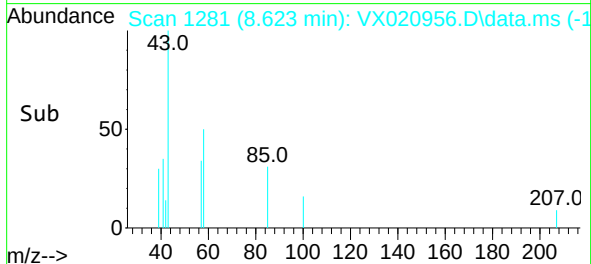
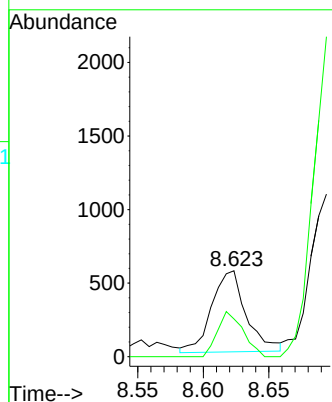
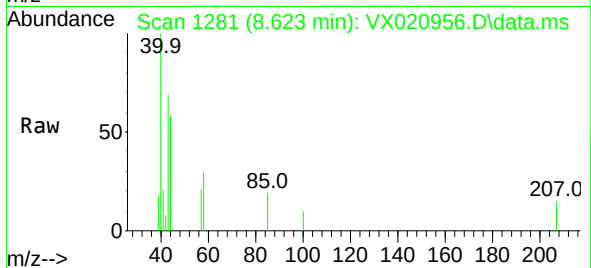




#51
4-Methyl-2-Pentanone
Concen: 0.33 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

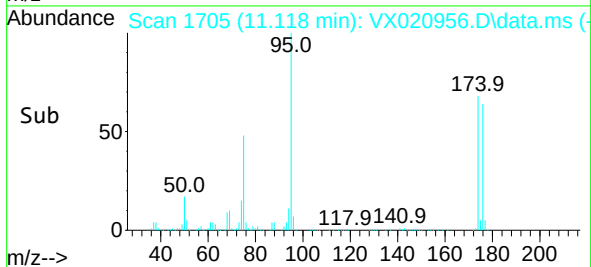
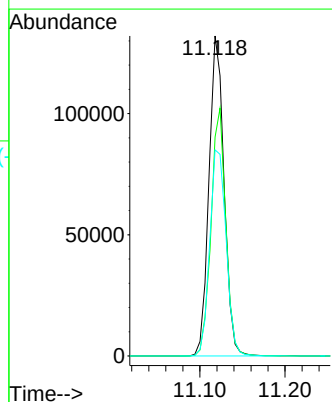
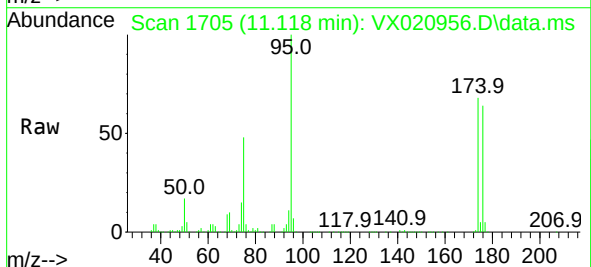
Instrument :
MSVOA_X
ClientSampleId :
EB-01-030121

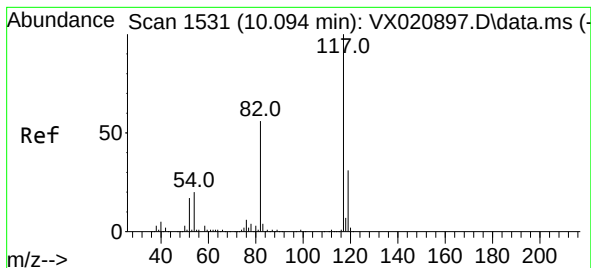
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 41.1 35.4 53.0



#62
4-Bromofluorobenzene
Concen: 53.43 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Tgt Ion: 95 Resp: 162480
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 69.9 0.0 155.8

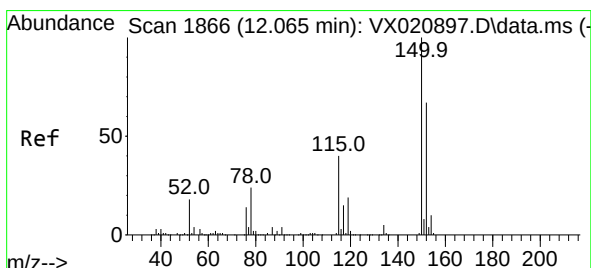
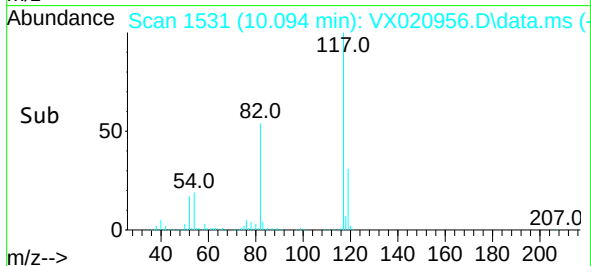
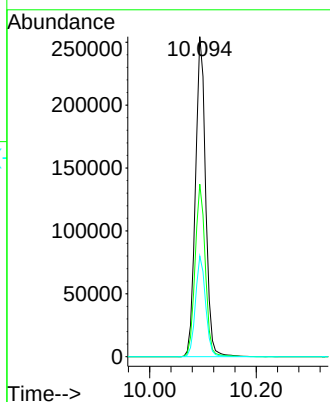
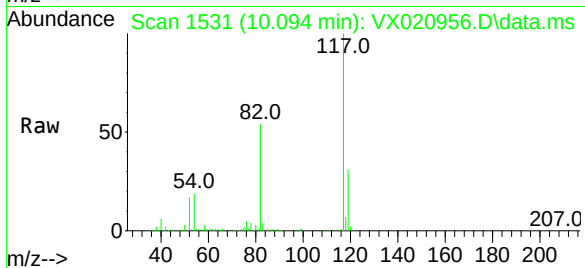




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

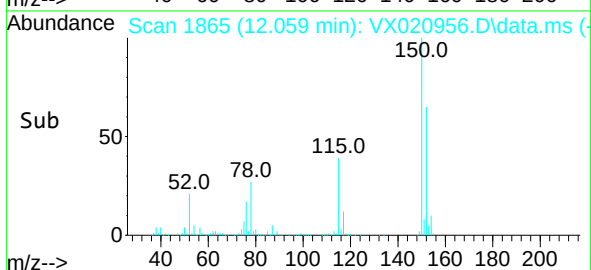
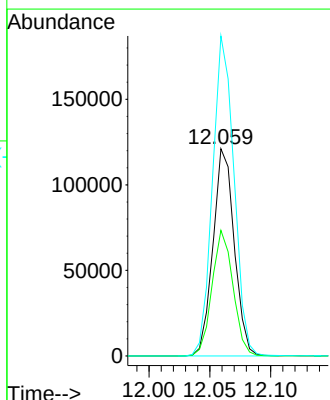
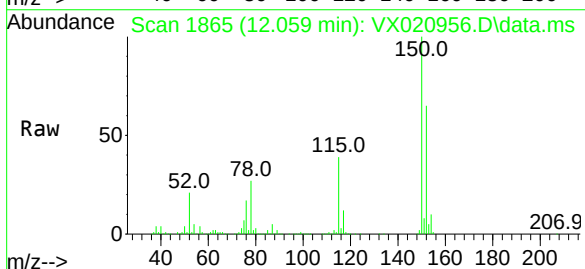
Instrument :
MSVOA_X
ClientSampleId :
EB-01-030121

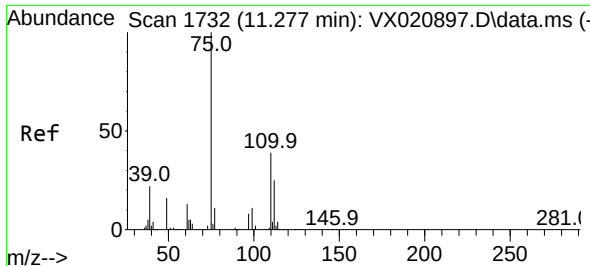
Tgt Ion:117 Resp: 337813
Ion Ratio Lower Upper
117 100
82 53.9 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Tgt Ion:152 Resp: 147410
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 155.5 0.0 349.0

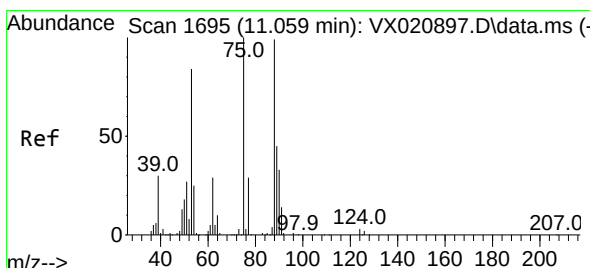
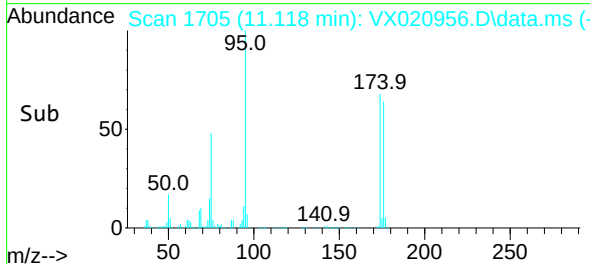
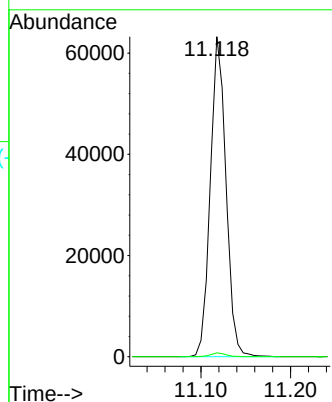
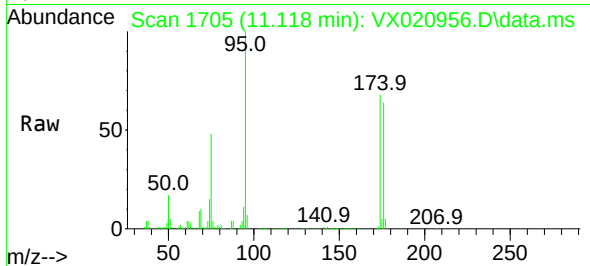




#76
1,2,3-Trichloropropane
Concen: 24.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :
EB-01-030121

Tgt Ion: 75 Resp: 76649
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.51 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020956.D
Acq: 01 Mar 2021 23:46

Tgt Ion: 75 Resp: 76649
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

