

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX020992.D
 Acq On : 03 Mar 2021 11:53
 Operator : JC/MD
 Sample : VX0305MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305MBL01

Quant Time: Mar 04 01:01:47 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)

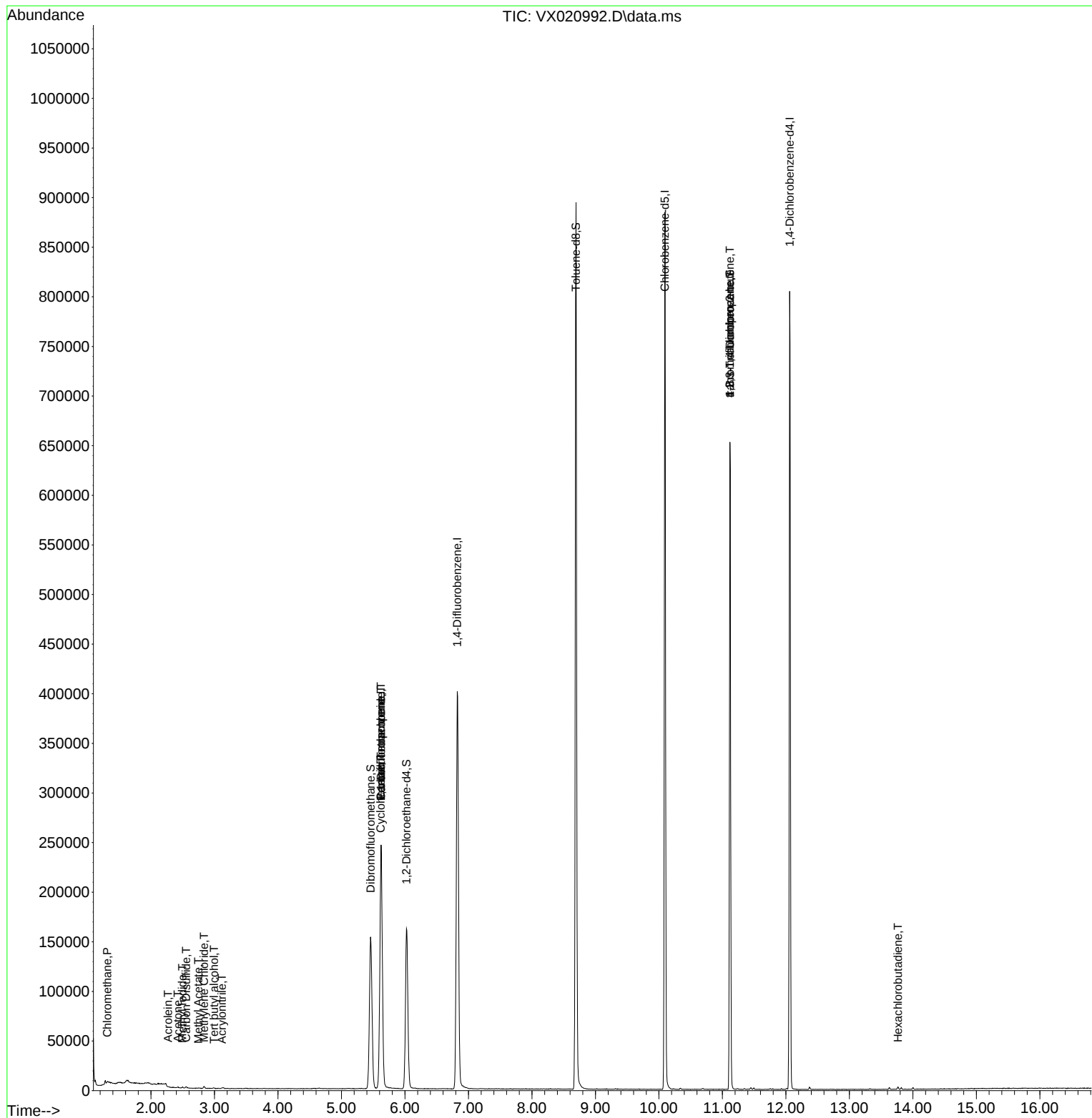
Internal Standards						
1) Pentafluorobenzene	5.623	168	231266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	431137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	402106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	171036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	153938	49.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.56%		
35) Dibromofluoromethane	5.458	113	135070	51.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.12%		
50) Toluene-d8	8.694	98	535423	52.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.84%		
62) 4-Bromofluorobenzene	11.118	95	185931	49.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.46%		
Target Compounds						Qvalue
3) Chloromethane	1.311	50	571	0.21	ug/l	96
5) Bromomethane	1.640	94	728	Below Cal		88
10) Methyl Iodide	2.493	142	870	0.26	ug/l #	86
11) Tert butyl alcohol	2.993	59	278	0.40	ug/l #	73
13) Acrolein	2.270	56	286	0.66	ug/l #	63
15) Acrylonitrile	3.117	53	478	0.32	ug/l	95
16) Acetone	2.423	43	1114	0.87	ug/l #	84
17) Carbon Disulfide	2.552	76	1971	0.27	ug/l	98
18) Methyl Acetate	2.746	43	664	0.22	ug/l #	81
20) Methylene Chloride	2.834	84	811	0.26	ug/l #	93
31) Cyclohexane	5.617	56	4540	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	17804	4.34	ug/l #	48
38) Carbon Tetrachloride	5.623	117	22294	5.62	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	89842	24.42	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	89842	54.06	ug/l #	12
94) Hexachlorobutadiene	13.765	225	462	0.33	ug/l	91

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

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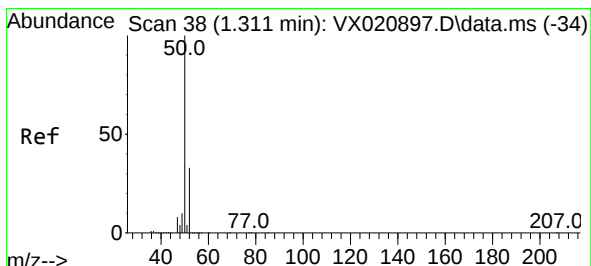
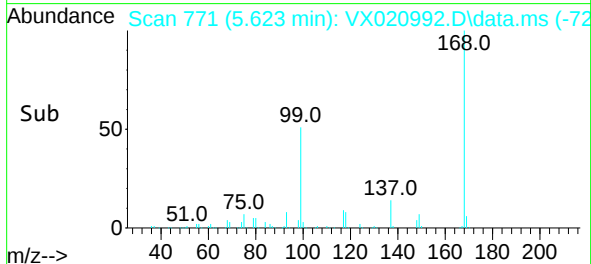
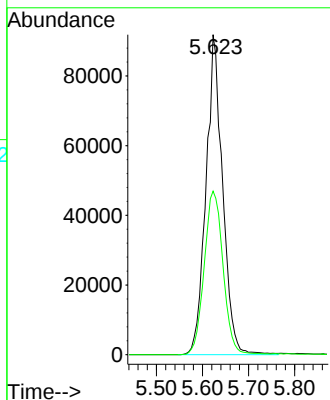
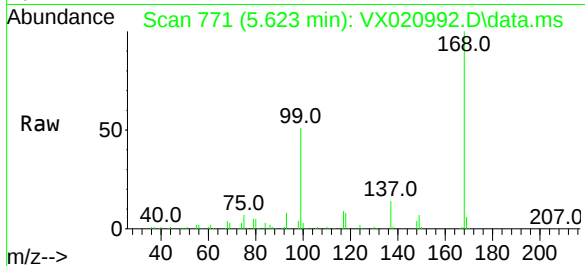




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.000 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

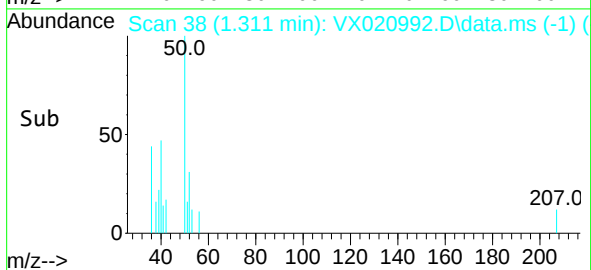
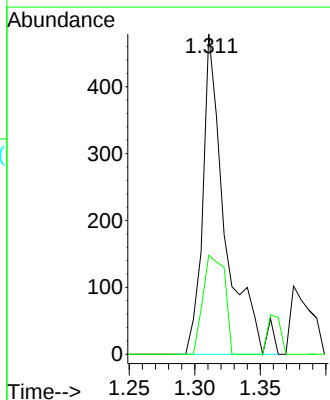
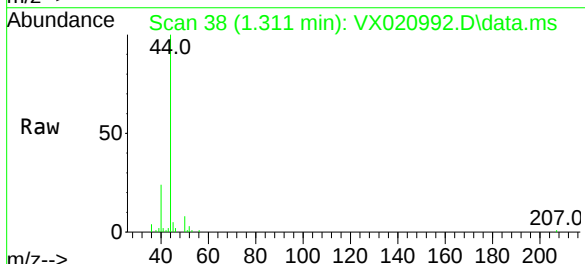
Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

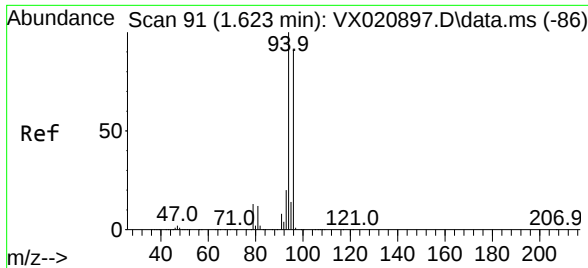
Tgt Ion:168 Resp: 231266
Ion Ratio Lower Upper
168 100
99 51.1 45.8 68.6



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

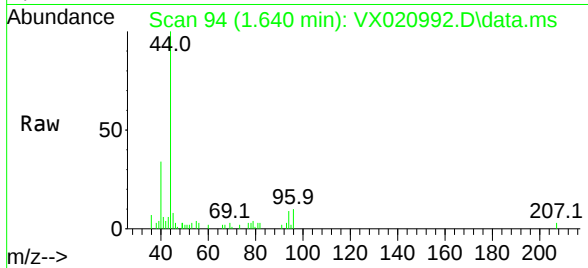
Tgt Ion: 50 Resp: 571
Ion Ratio Lower Upper
50 100
52 30.9 26.4 39.6



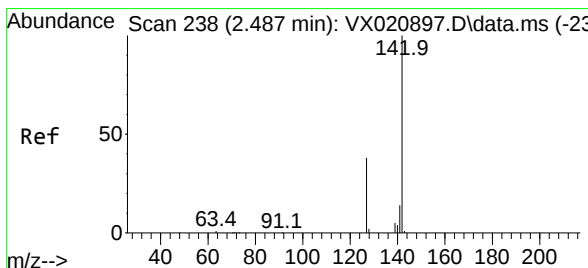
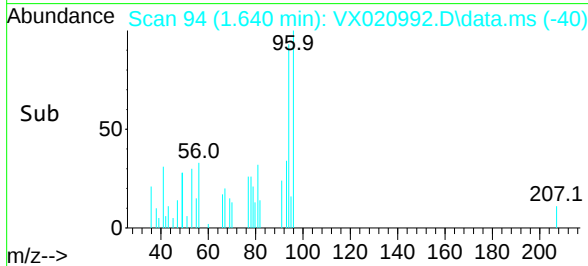
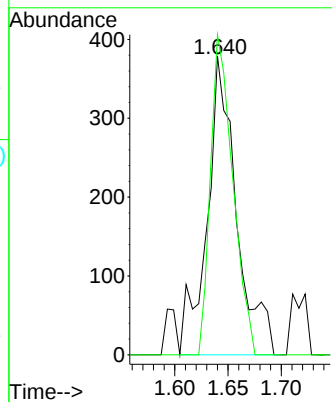


#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

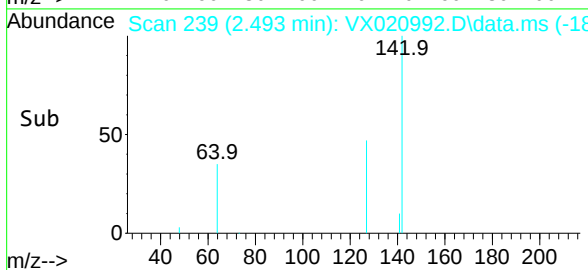
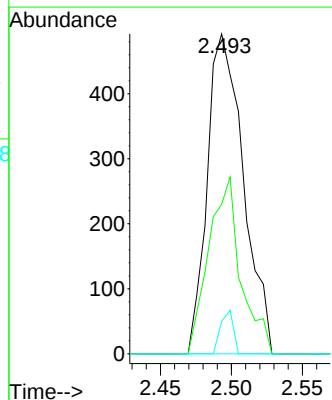
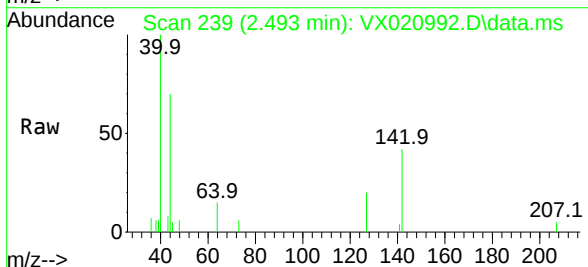


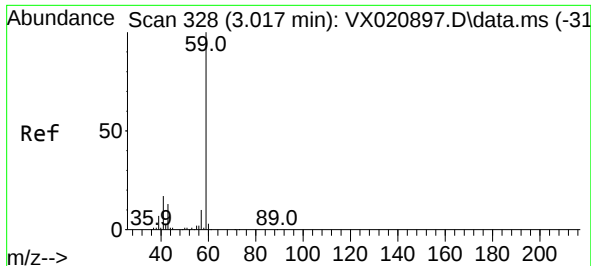
Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 107.1 76.4 114.6



#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion: 142 Resp: 870
Ion Ratio Lower Upper
142 100
127 48.9 33.3 49.9
141 4.7 11.4 17.0#

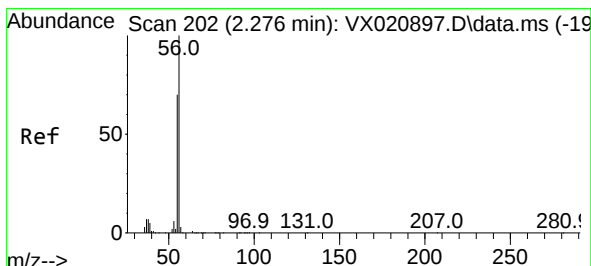
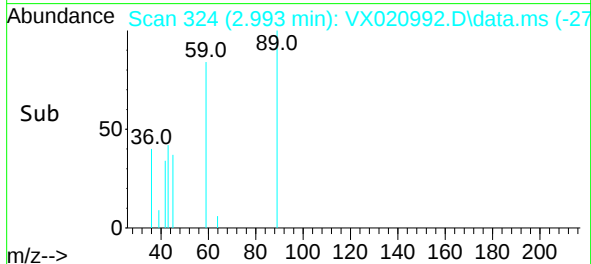
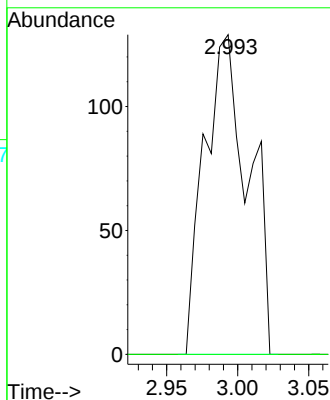
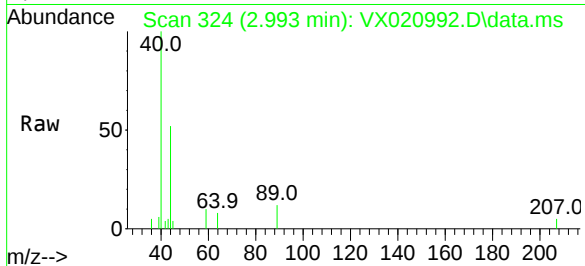




#11
Tert butyl alcohol
Concen: 0.40 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

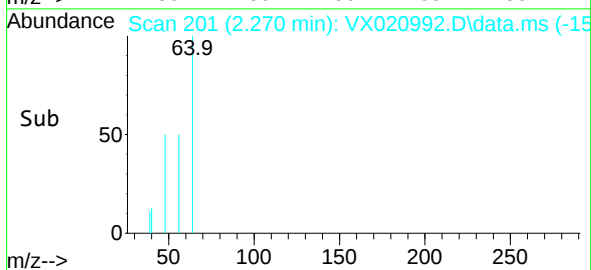
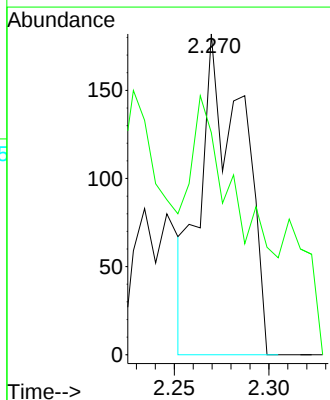
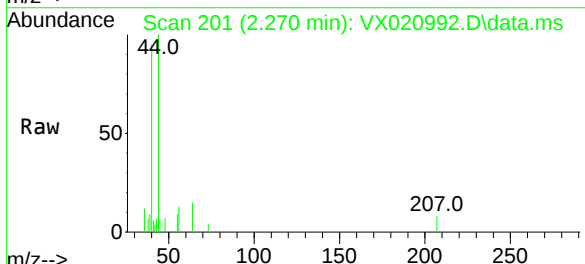
Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

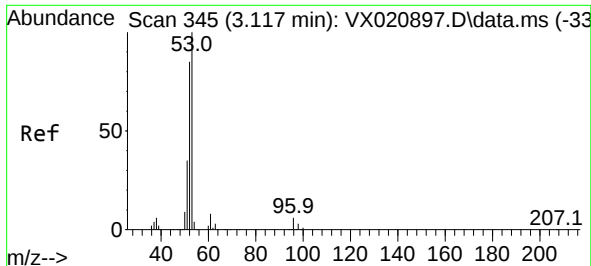
Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.66 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion: 56 Resp: 286
Ion Ratio Lower Upper
56 100
55 40.2 56.4 84.6#

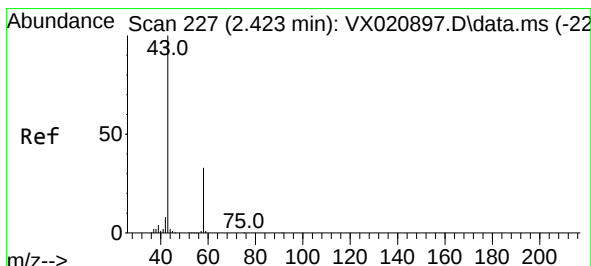
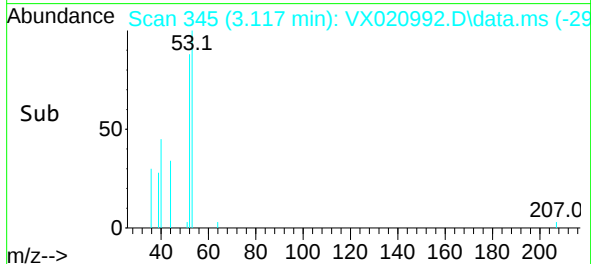
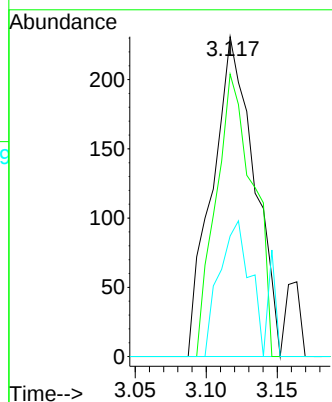
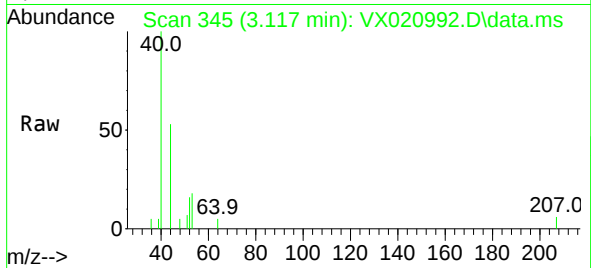




#15
Acrylonitrile
Concen: 0.32 ug/l
RT: 3.117 min Scan# 345
Delta R.T. -0.000 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

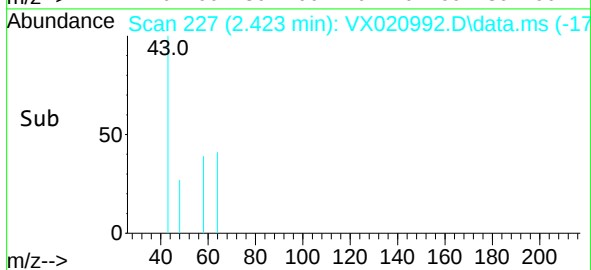
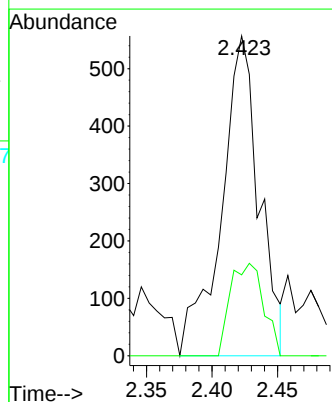
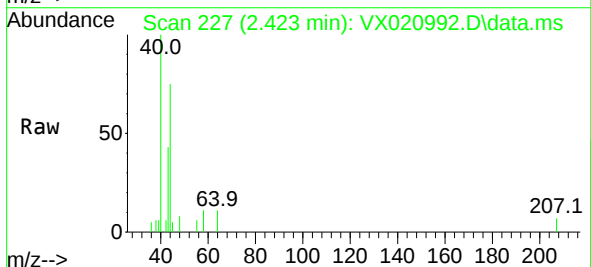
Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

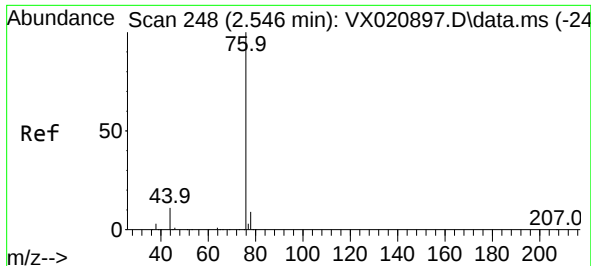
Tgt Ion: 53	Resp:	478	
Ion	Ratio	Lower	Upper
53	100		
52	78.2	65.3	97.9
51	30.5	28.2	42.2



#16
Acetone
Concen: 0.87 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion: 43	Resp:	1114	
Ion Ratio	Lower	Upper	
43	100		
58	25.3	27.8	41.8#

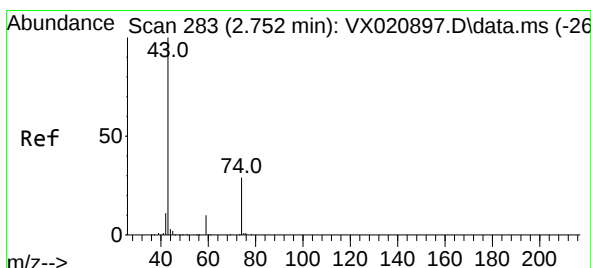
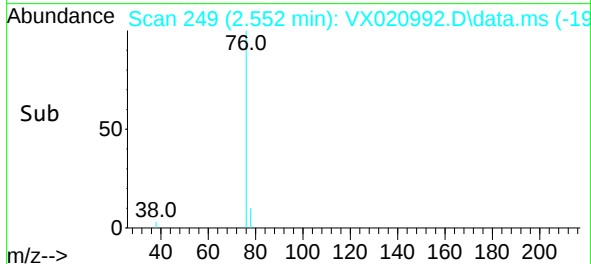
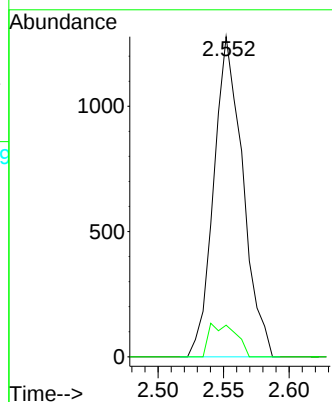
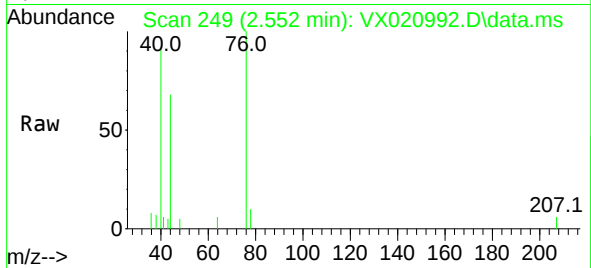




#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

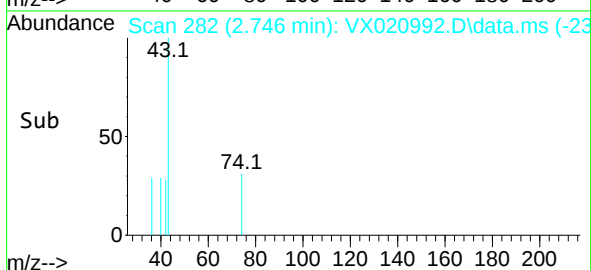
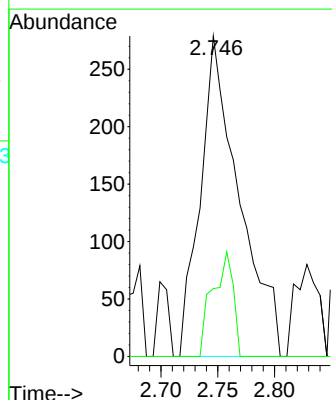
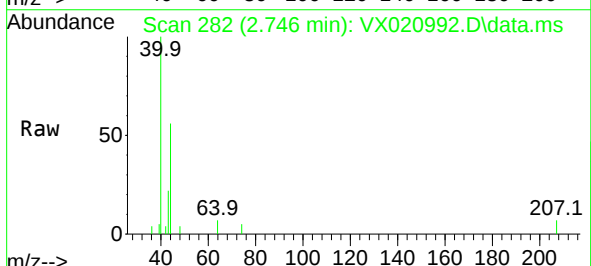
Instrument :
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ClientSampleId :
VX0305MBL01

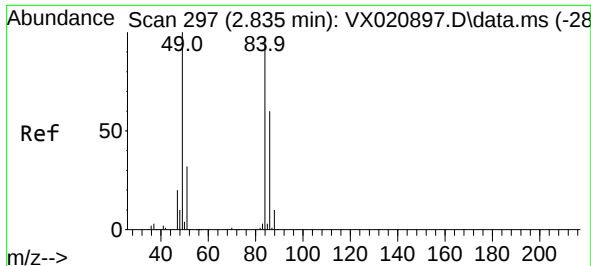
Tgt Ion: 76 Resp: 1971
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

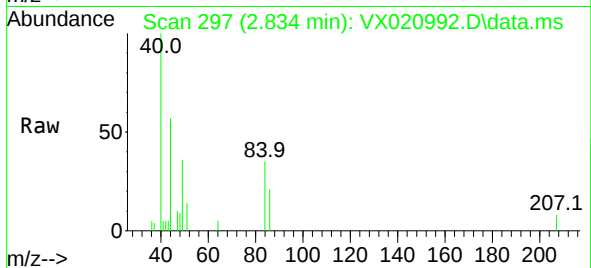
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
74 17.3 21.9 32.9#



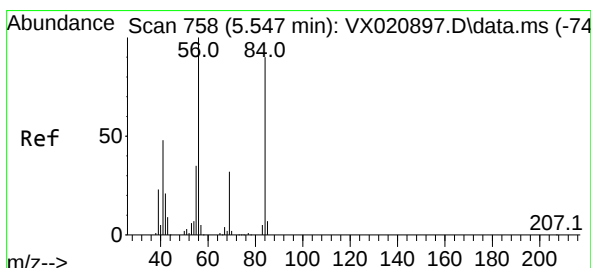
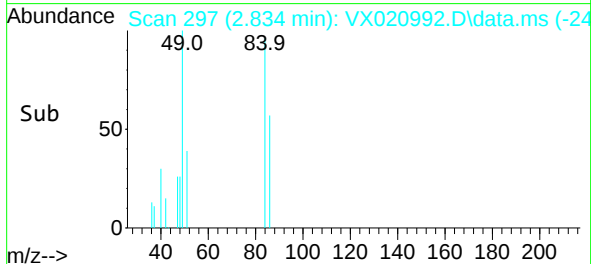
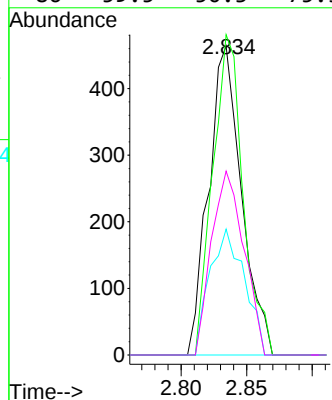


#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

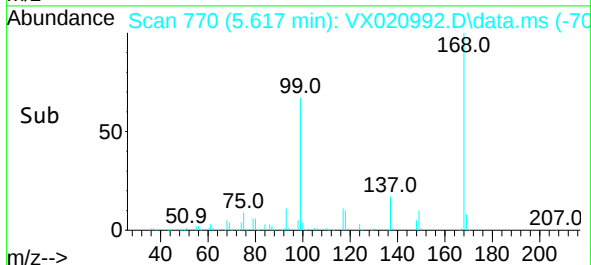
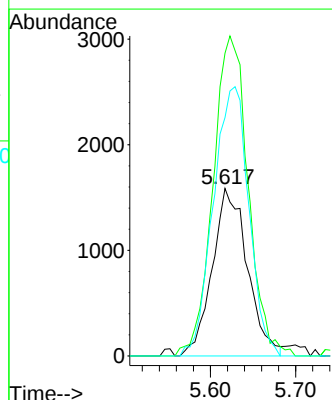
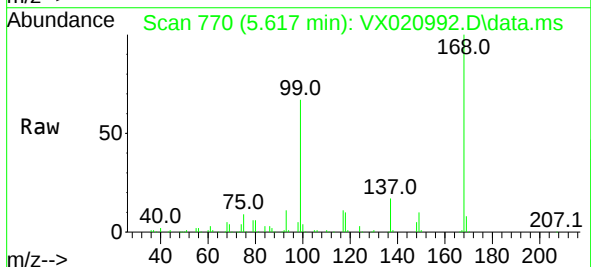


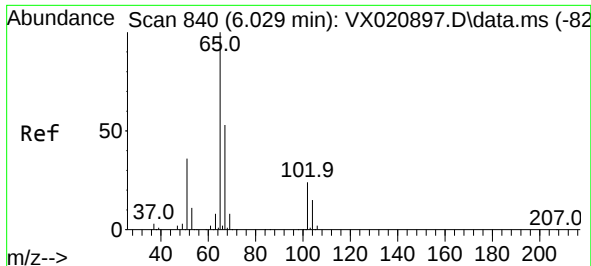
Tgt Ion:	84	Resp:	811
Ion	Ratio	Lower	Upper
84	100		
49	103.7	88.6	132.8
51	40.7	27.0	40.6#
86	59.5	50.3	75.5



#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion:	56	Resp:	4540
Ion	Ratio	Lower	Upper
56	100		
69	176.2	25.3	37.9#
84	142.4	71.4	107.0#

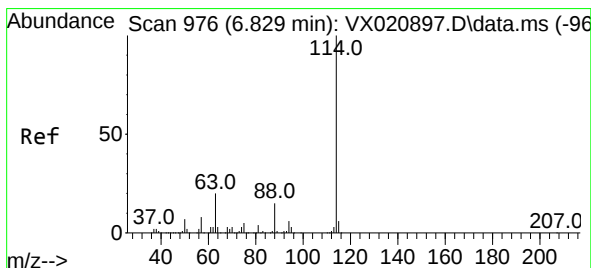
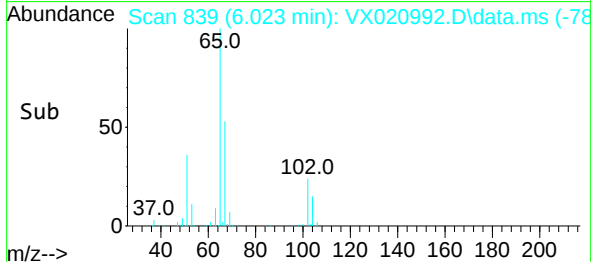
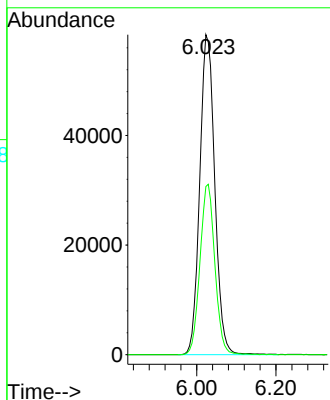
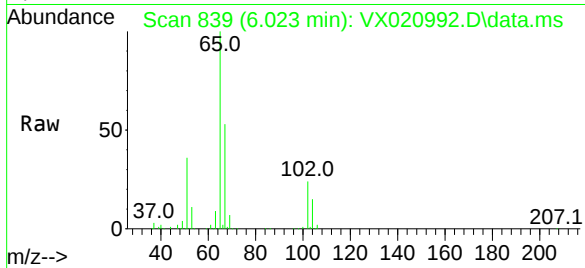




#33
1,2-Dichloroethane-d4
Concen: 49.28 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

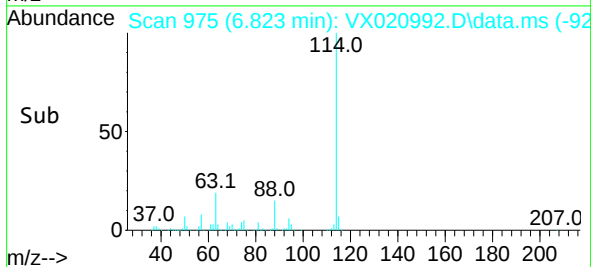
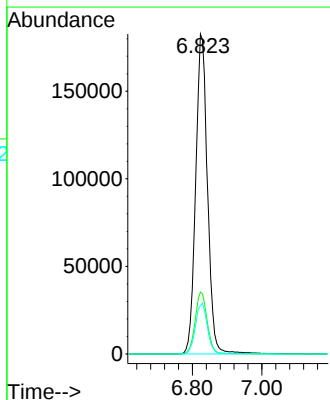
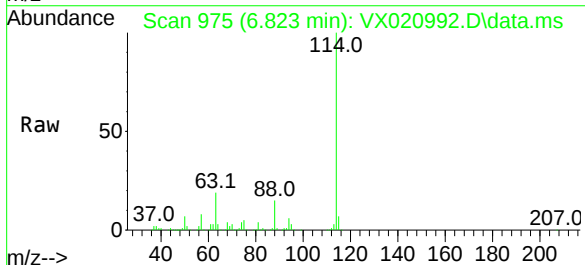
Instrument :
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VX0305MBL01

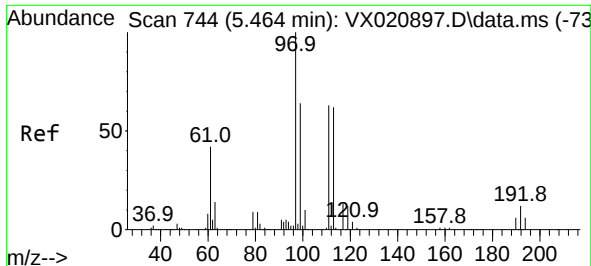
Tgt Ion: 65 Resp: 153938
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.823 min Scan# 975
Delta R.T. -0.006 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion: 114 Resp: 431137
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 15.1 0.0 32.8

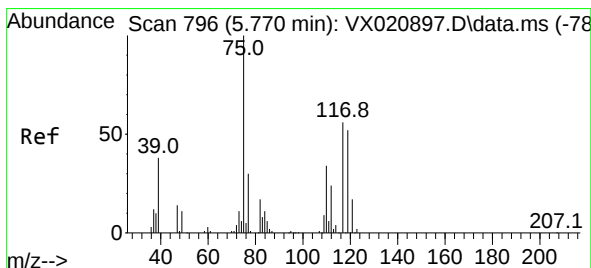
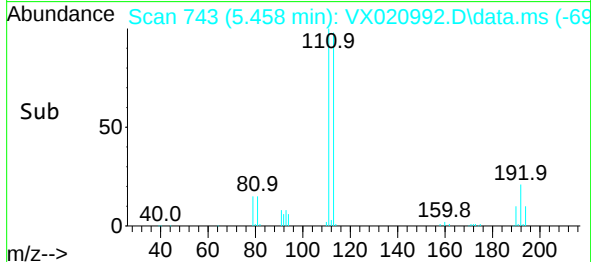
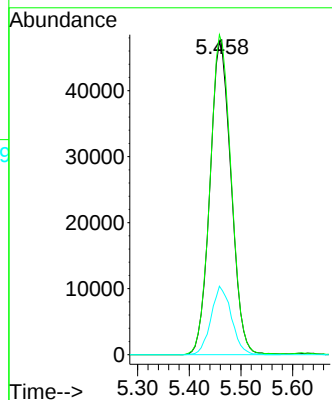
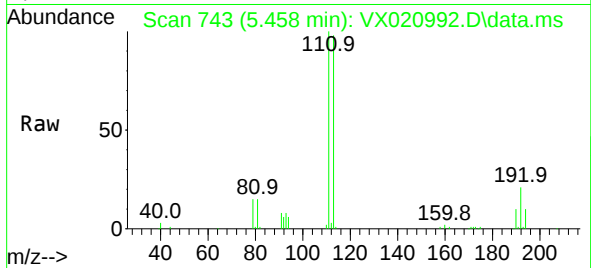




#35
Dibromofluoromethane
Concen: 51.56 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

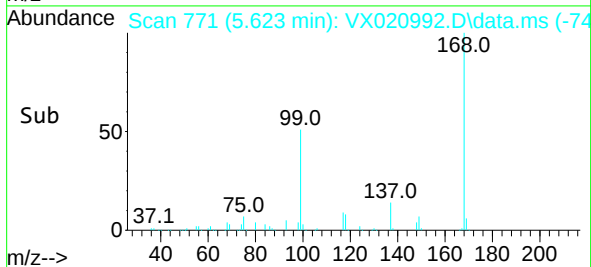
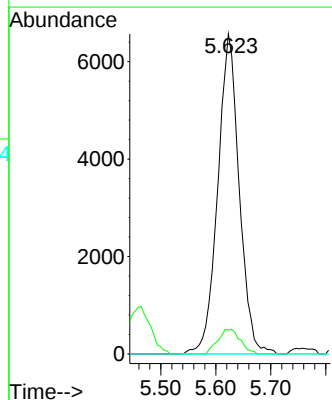
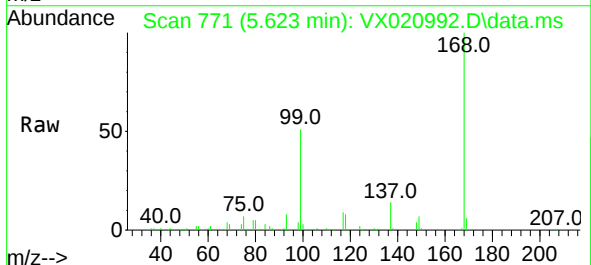
Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

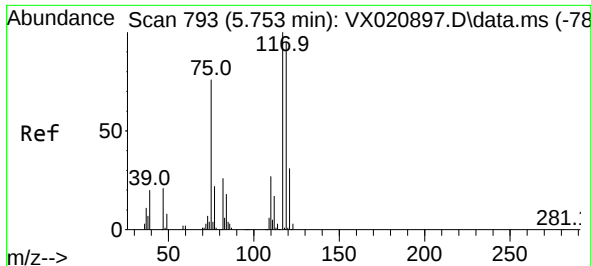
Tgt Ion:113 Resp: 135070
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion: 75 Resp: 17804
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

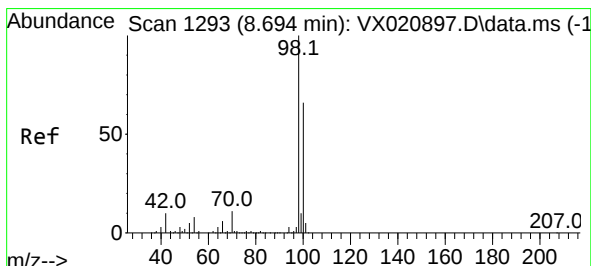
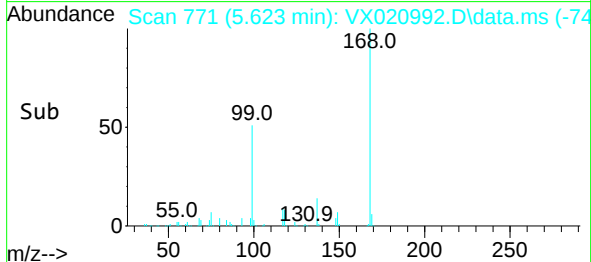
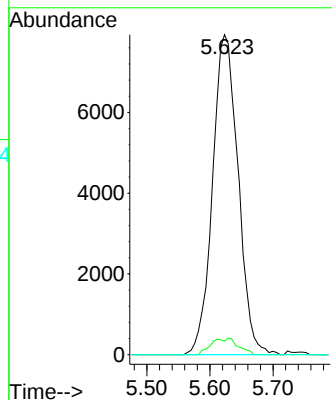
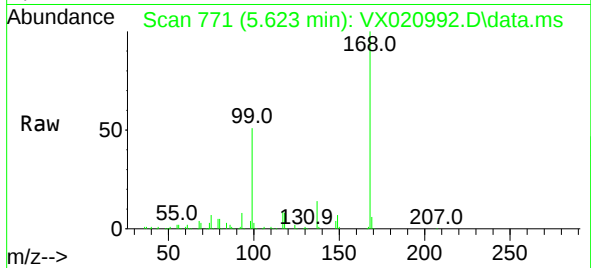




#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

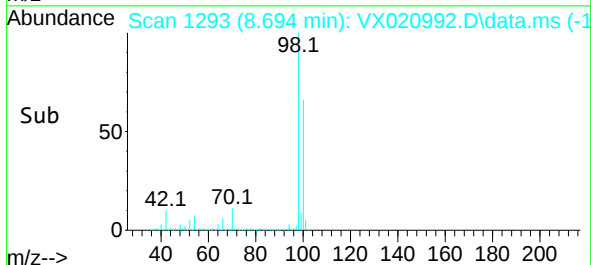
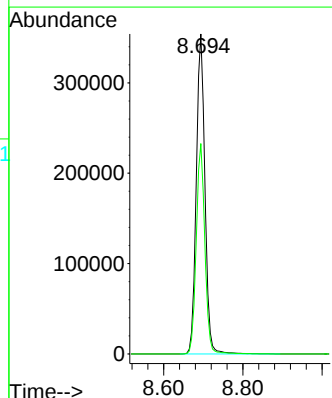
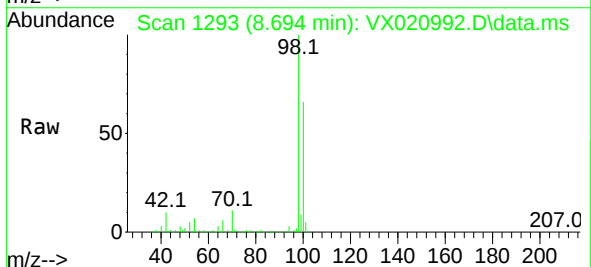
Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

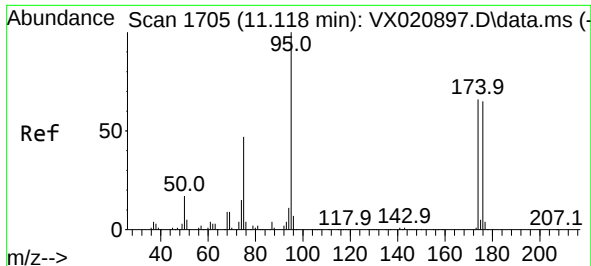
Tgt Ion:117 Resp: 22294
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.42 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion: 98 Resp: 535423
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

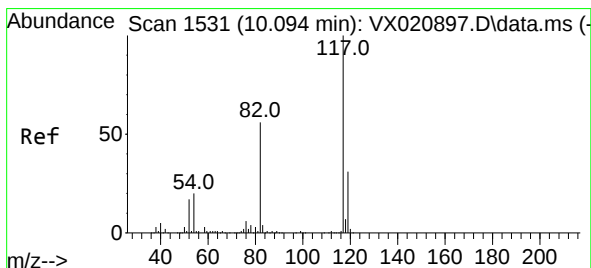
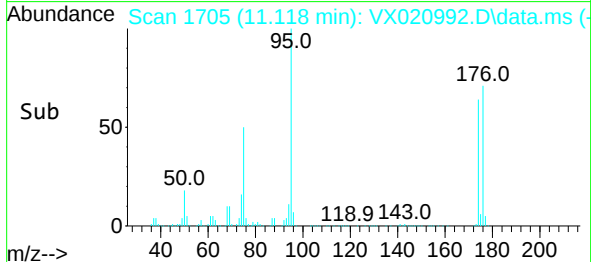
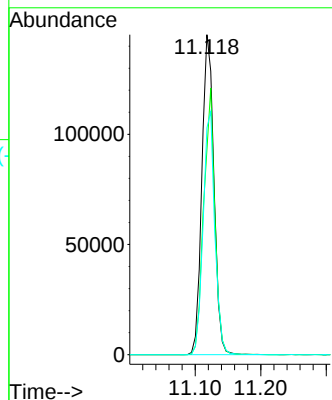
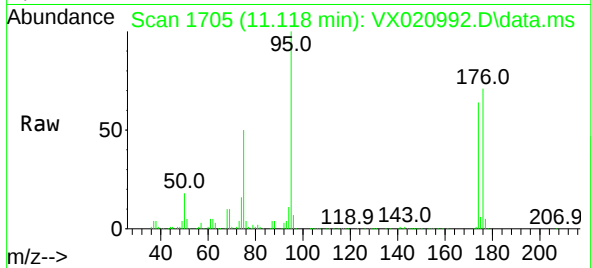




#62
4-Bromofluorobenzene
Concen: 49.23 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

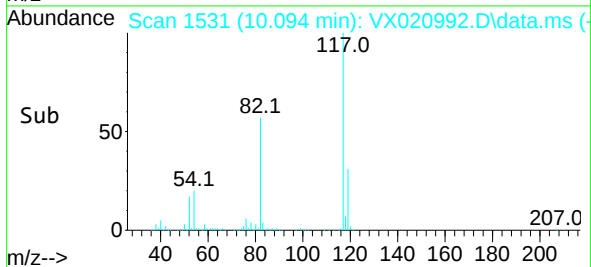
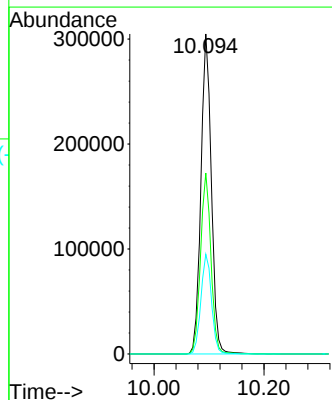
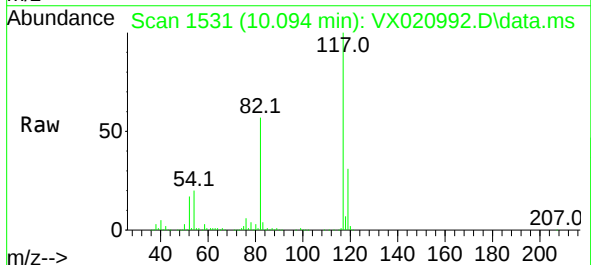
Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

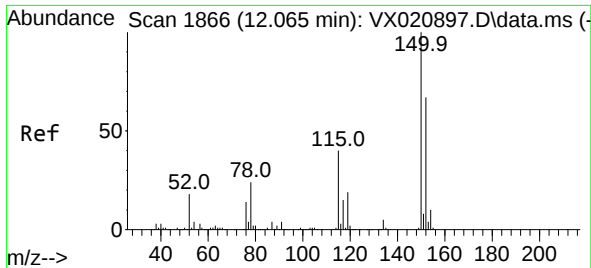
Tgt Ion: 95 Resp: 185931
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 73.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion: 117 Resp: 402106
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.2 26.6 39.8

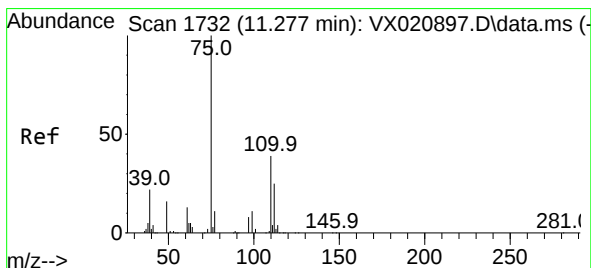
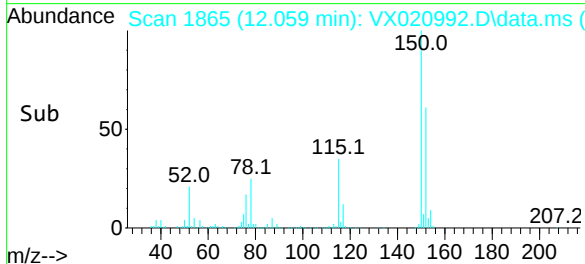
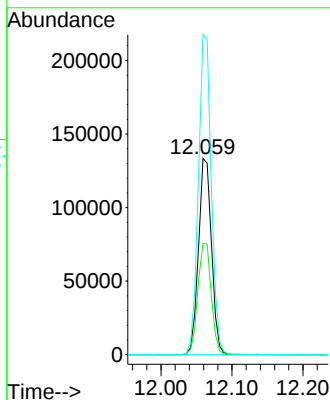
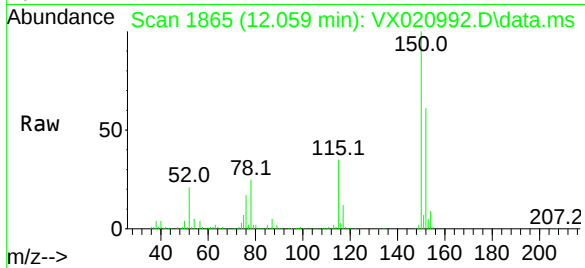




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

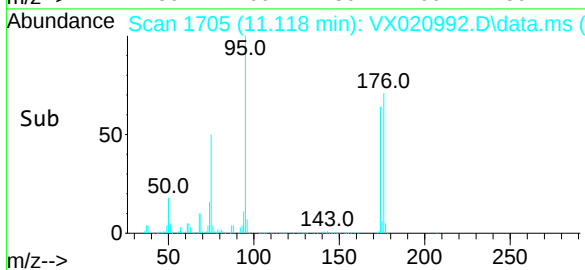
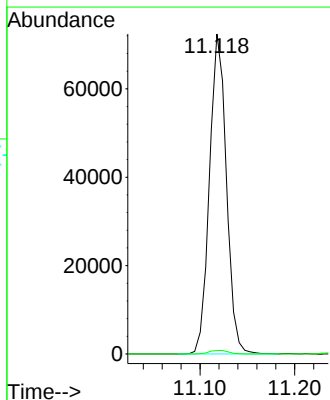
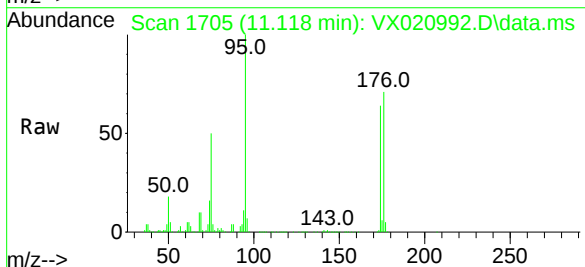
Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

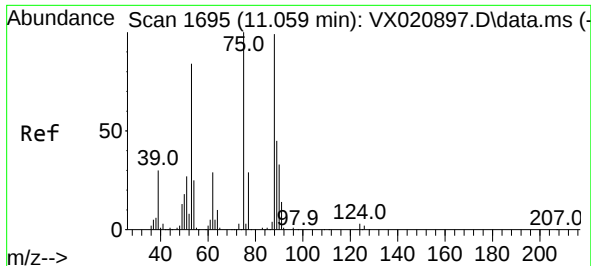
Tgt Ion:152 Resp: 171036
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 161.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.42 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion: 75 Resp: 89842
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

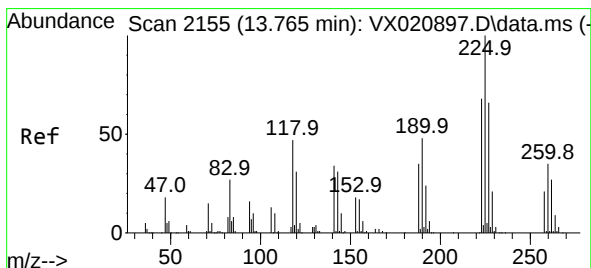
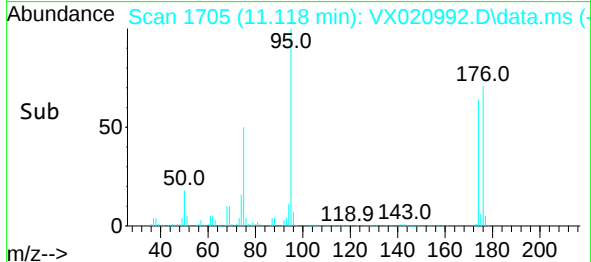
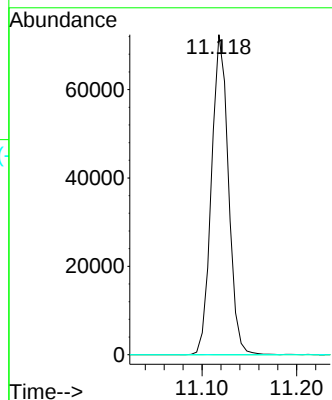
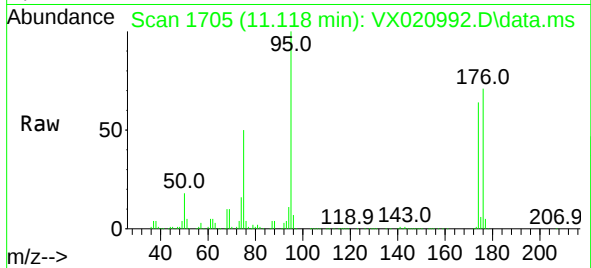




#81
trans-1,4-Dichloro-2-butene
Concen: 54.06 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

Tgt Ion: 75 Resp: 89842
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.33 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VX020992.D
Acq: 03 Mar 2021 11:53

Tgt Ion: 225 Resp: 462
Ion Ratio Lower Upper
225 100
223 53.5 31.1 93.2
227 58.4 31.6 95.0

