

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021023.D
 Acq On : 05 Mar 2021 10:58
 Operator : JC/MD
 Sample : VX0307MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307MBL01

Quant Time: Mar 05 23:55:07 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)

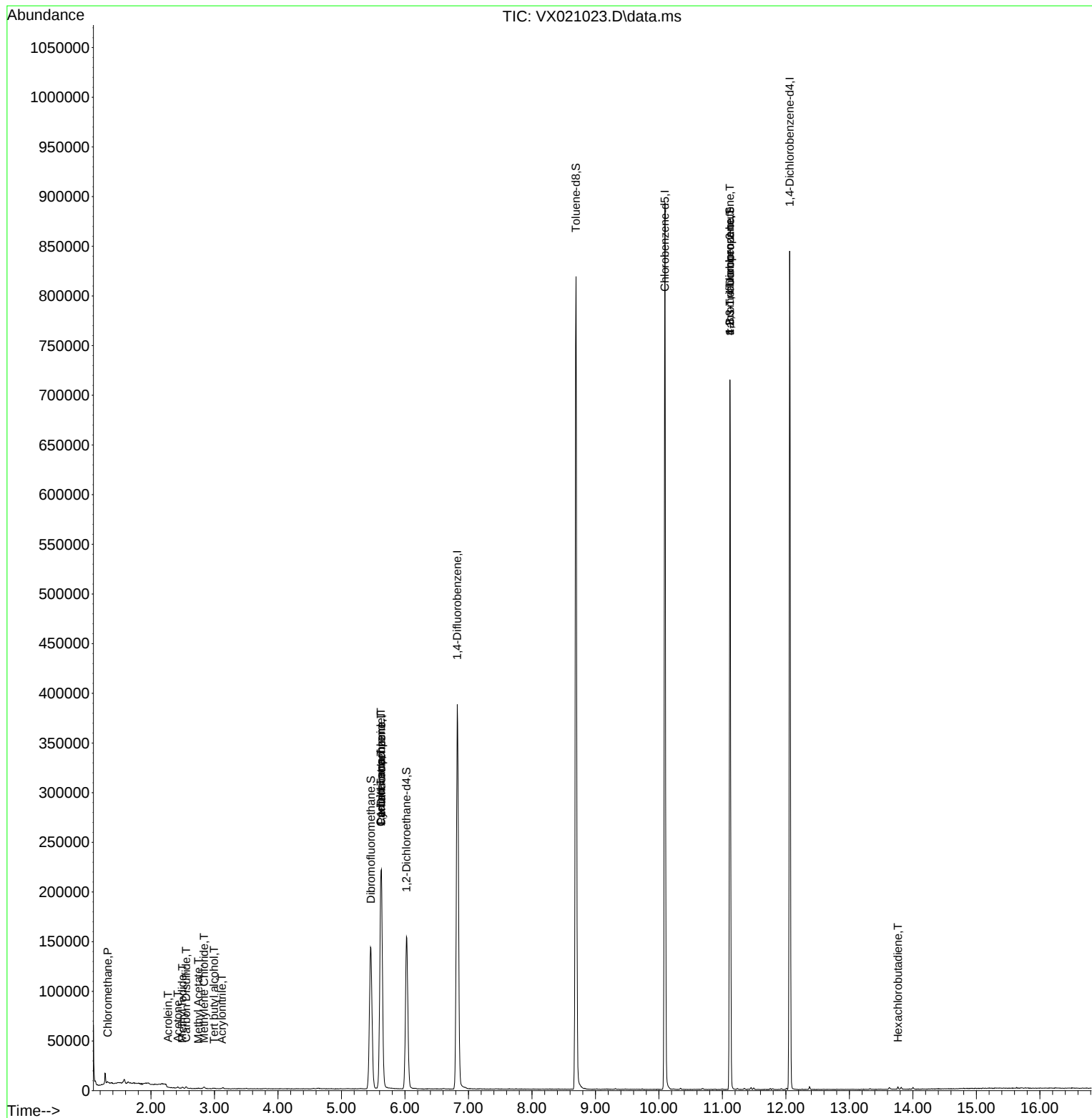
Internal Standards						
1) Pentafluorobenzene	5.629	168	224646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	407611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	399869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	177716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	145646	48.00	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.00%		
35) Dibromofluoromethane	5.464	113	127559	51.51	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.02%		
50) Toluene-d8	8.694	98	516756	53.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.02%		
62) 4-Bromofluorobenzene	11.118	95	198159	55.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.00%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	682	0.25	ug/l	95
5) Bromomethane	1.646	94	827	Below Cal		83
10) Methyl Iodide	2.493	142	1187	0.37	ug/l #	93
11) Tert butyl alcohol	2.993	59	354	0.52	ug/l #	73
13) Acrolein	2.270	56	229	0.55	ug/l #	1
15) Acrylonitrile	3.117	53	410	0.28	ug/l #	82
16) Acetone	2.423	43	1189	0.95	ug/l	91
17) Carbon Disulfide	2.552	76	1892	0.26	ug/l #	95
18) Methyl Acetate	2.746	43	715	0.24	ug/l #	76
20) Methylene Chloride	2.834	84	873	0.29	ug/l	94
31) Cyclohexane	5.623	56	4351	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	16924	4.37	ug/l #	48
38) Carbon Tetrachloride	5.623	117	21372	5.69	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	92271	24.13	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	92271	53.43	ug/l #	12
94) Hexachlorobutadiene	13.765	225	393	0.27	ug/l	95

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

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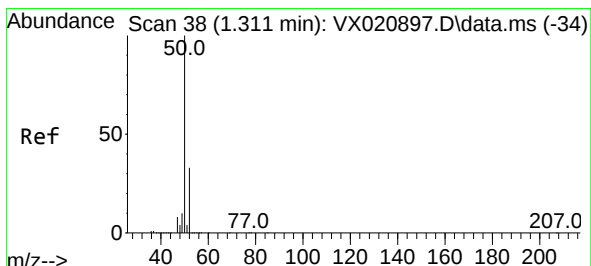
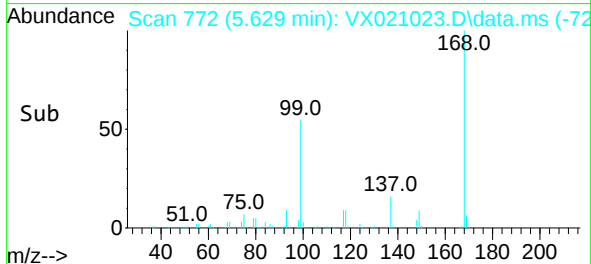
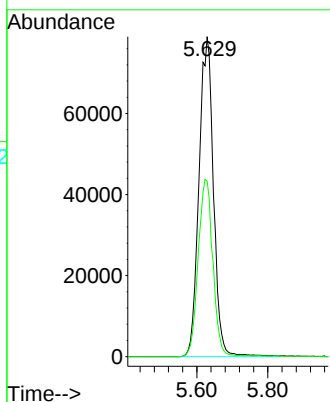
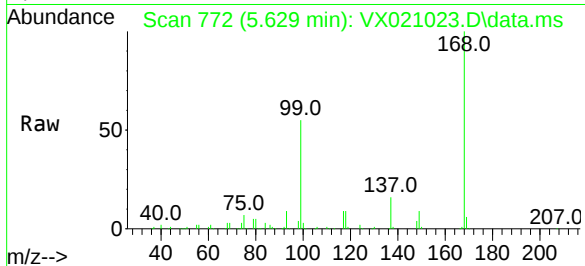




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

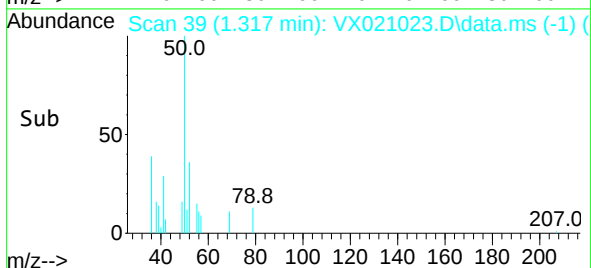
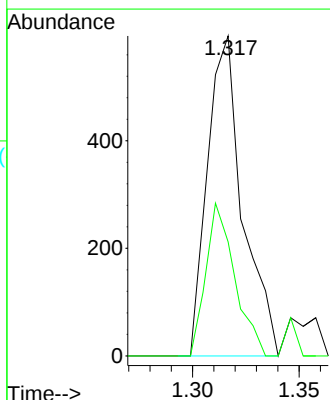
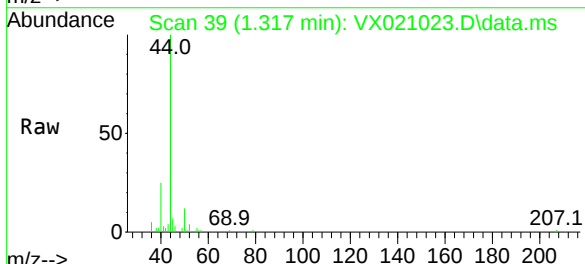
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

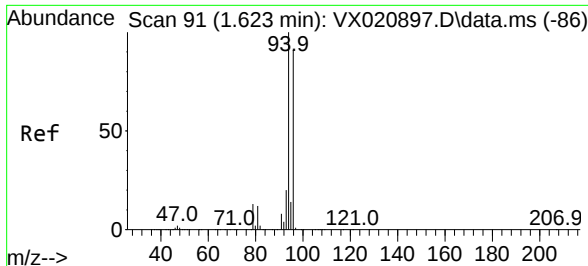
Tgt Ion:168 Resp: 224646
Ion Ratio Lower Upper
168 100
99 54.8 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

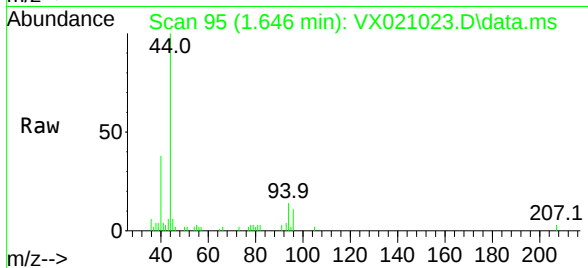
Tgt Ion: 50 Resp: 682
Ion Ratio Lower Upper
50 100
52 35.6 26.4 39.6



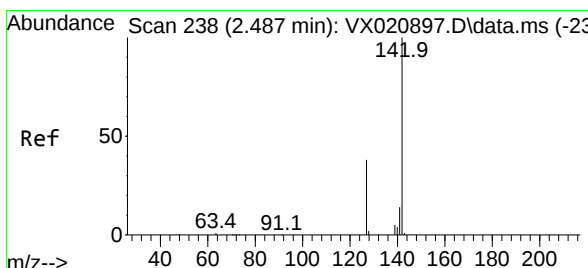
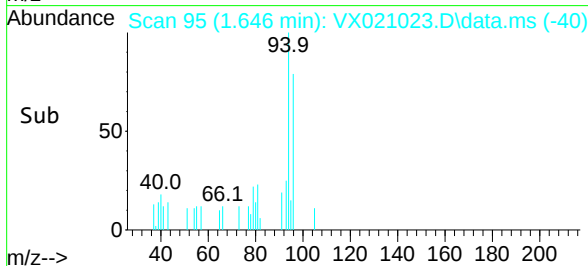
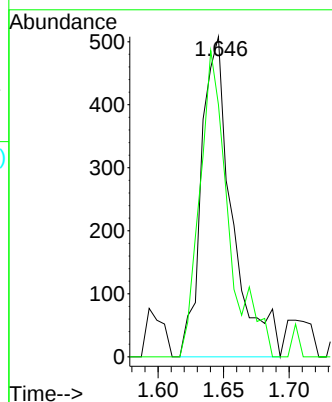


#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

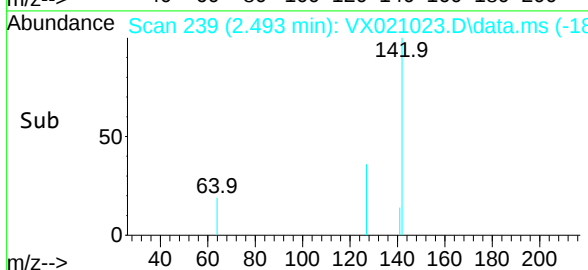
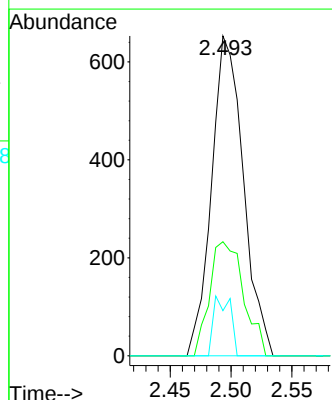
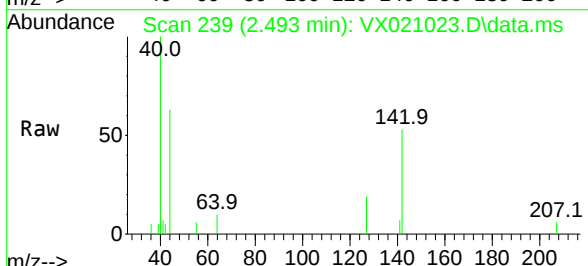


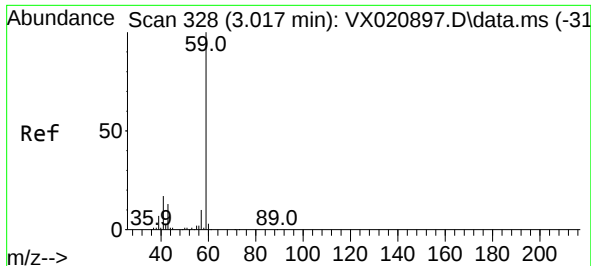
Tgt Ion: 94 Resp: 827
Ion Ratio Lower Upper
94 100
96 78.7 76.4 114.6



#10
Methyl Iodide
Concen: 0.37 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Tgt Ion: 142 Resp: 1187
Ion Ratio Lower Upper
142 100
127 38.0 33.3 49.9
141 9.9 11.4 17.0#

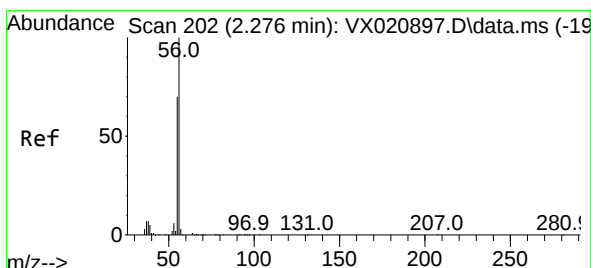
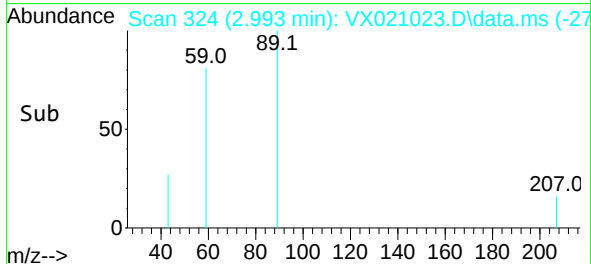
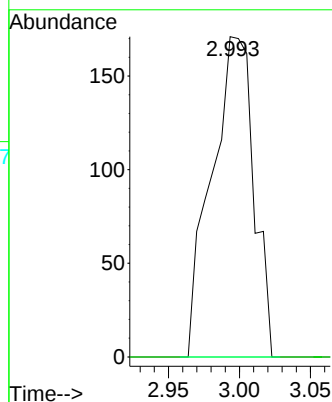
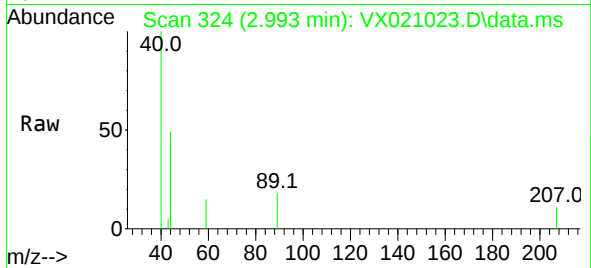




#11
Tert butyl alcohol
Concen: 0.52 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

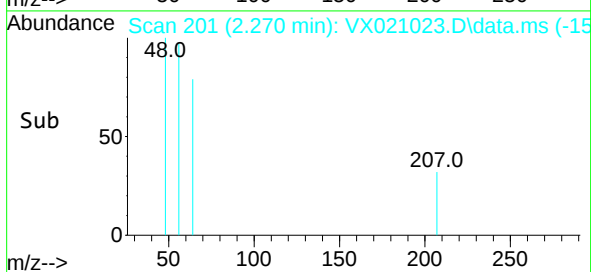
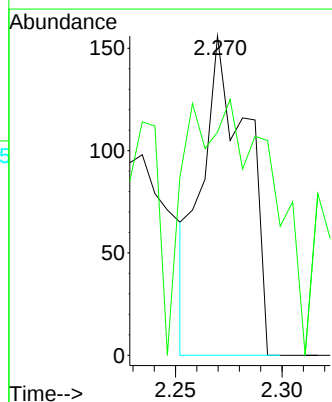
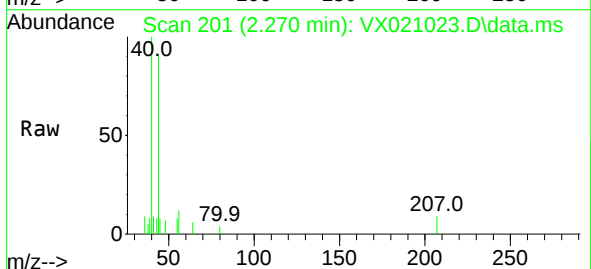
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

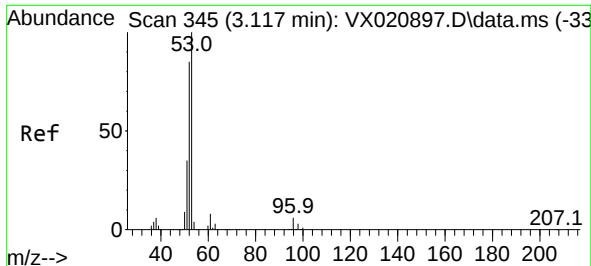
Tgt Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.55 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Tgt Ion: 56 Resp: 229
Ion Ratio Lower Upper
56 100
55 152.0 56.4 84.6#

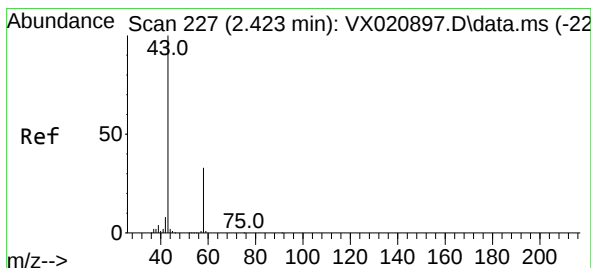
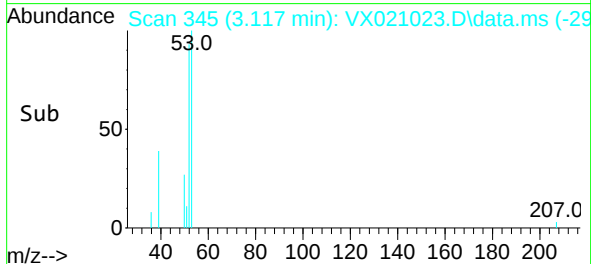
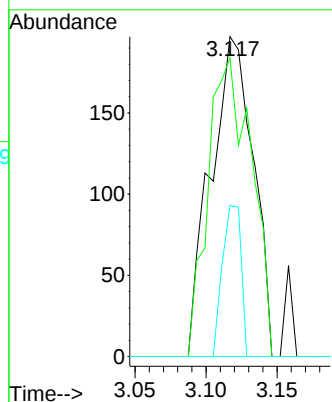
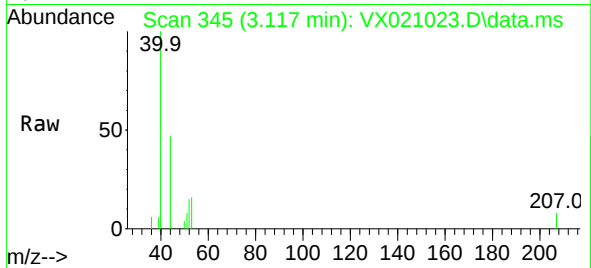




#15
Acrylonitrile
Concen: 0.28 ug/l
RT: 3.117 min Scan# 345
Delta R.T. -0.000 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

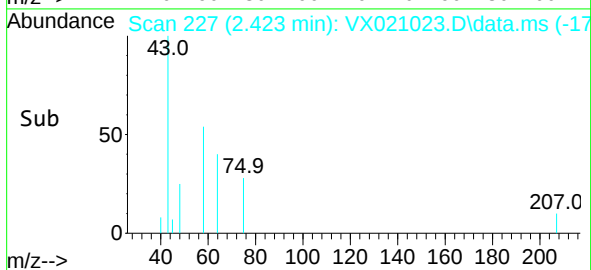
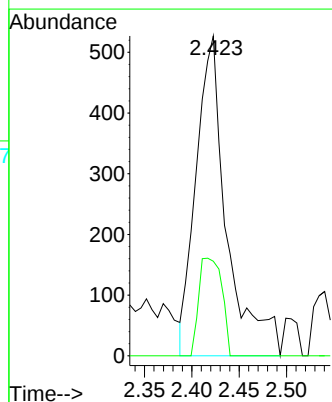
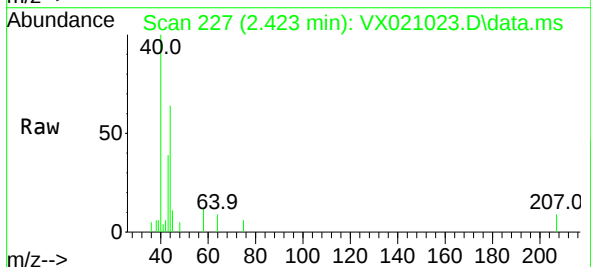
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

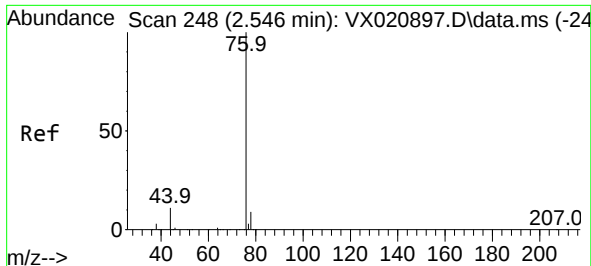
Tgt Ion: 53 Resp: 410
Ion Ratio Lower Upper
53 100
52 95.4 65.3 97.9
51 20.7 28.2 42.2#



#16
Acetone
Concen: 0.95 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

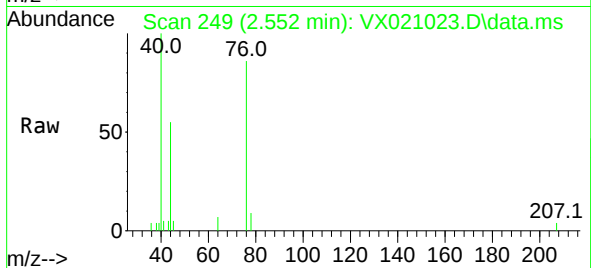
Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 29.6 27.8 41.8



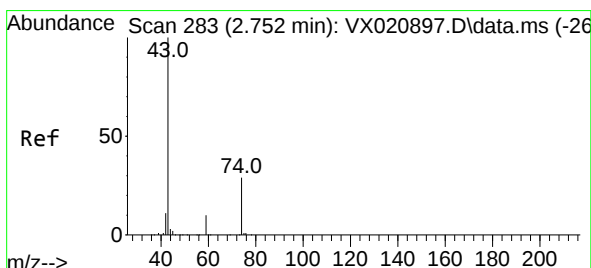
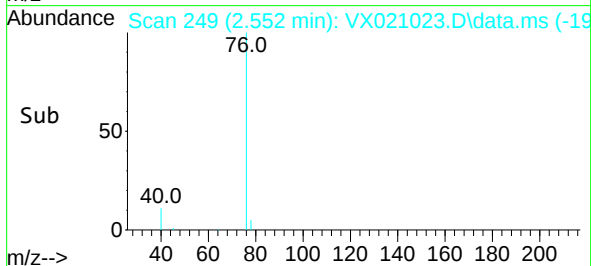
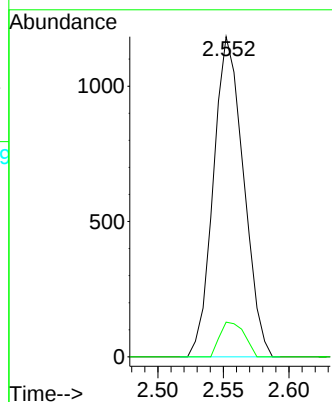


#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

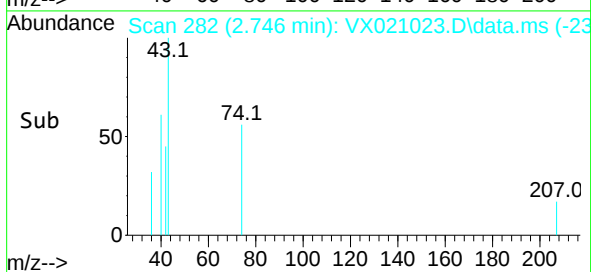
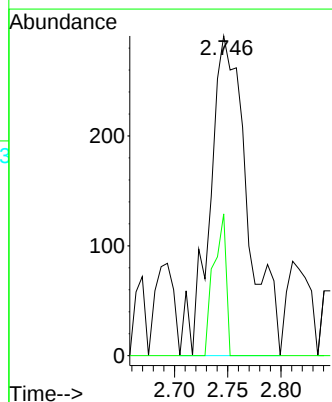
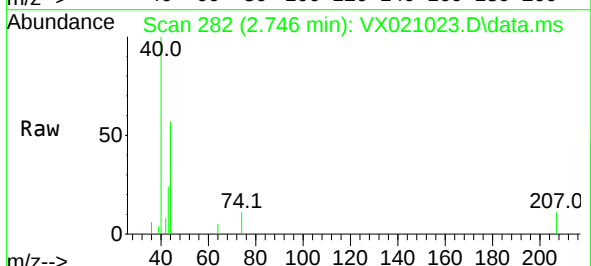


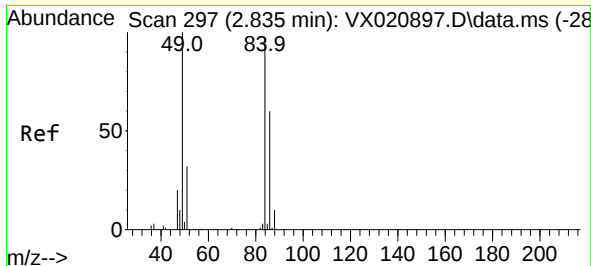
Tgt Ion: 76 Resp: 1892
Ion Ratio Lower Upper
76 100
78 10.8 7.2 10.8#



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

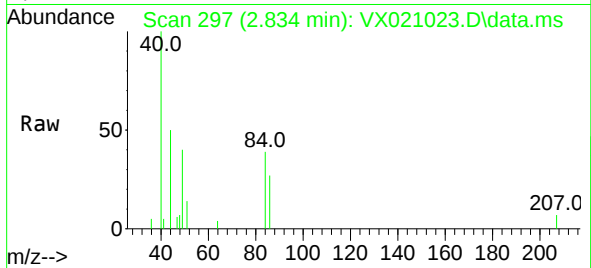
Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
74 14.7 21.9 32.9#



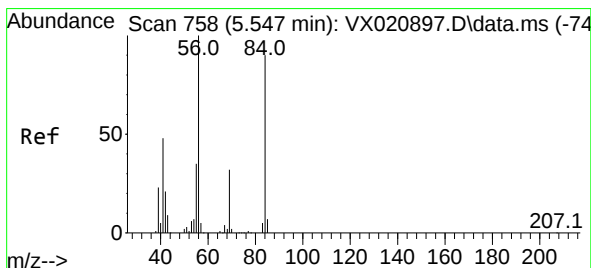
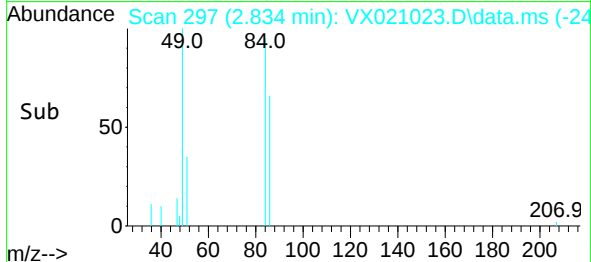
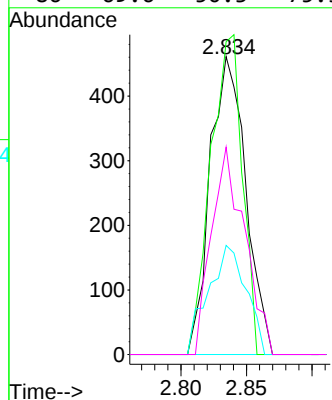


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

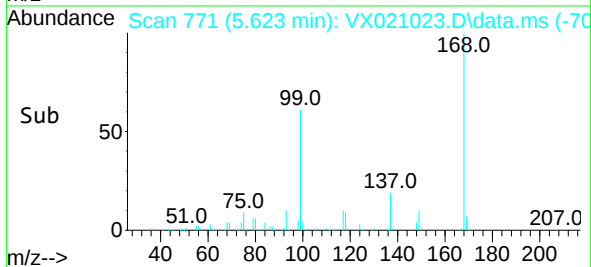
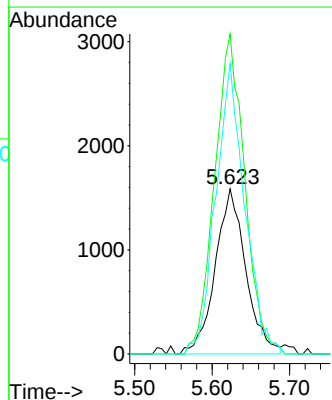
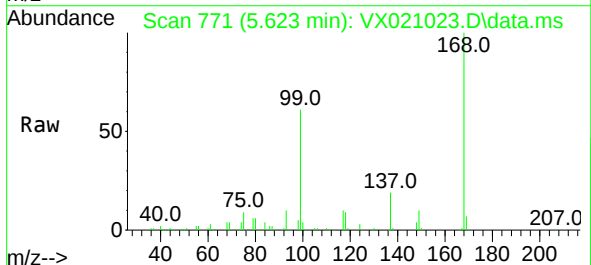


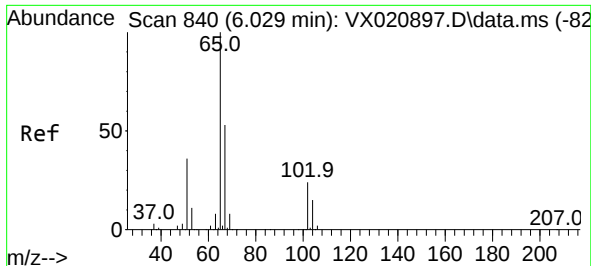
Tgt Ion:	84	Resp:	873
Ion	Ratio	Lower	Upper
84	100		
49	105.0	88.6	132.8
51	36.7	27.0	40.6
86	69.6	50.3	75.5



#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Tgt Ion:	56	Resp:	4351
Ion	Ratio	Lower	Upper
56	100		
69	193.7	25.3	37.9#
84	175.8	71.4	107.0#

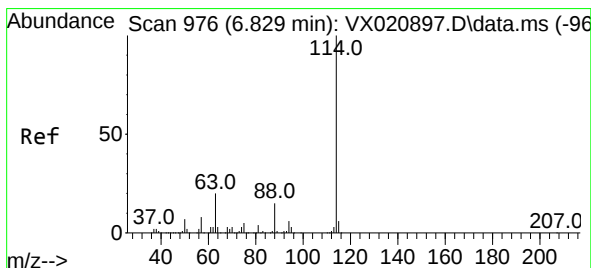
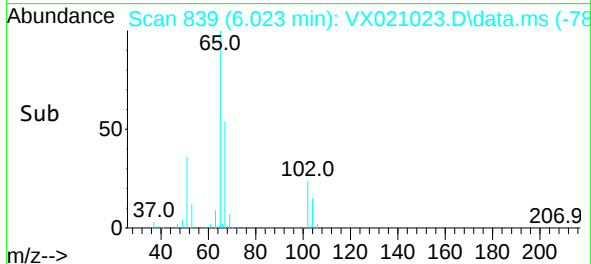
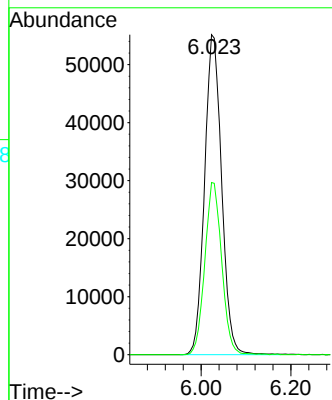
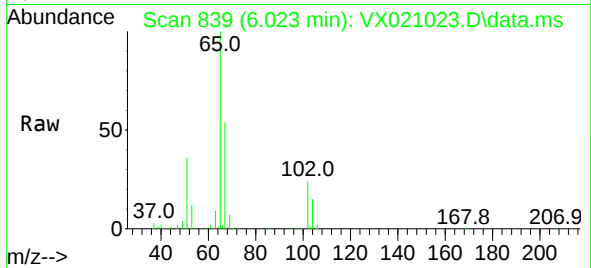




#33
1,2-Dichloroethane-d4
Concen: 48.00 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

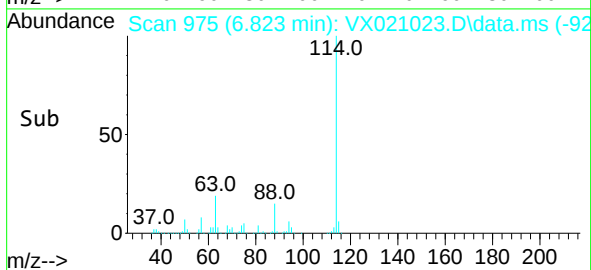
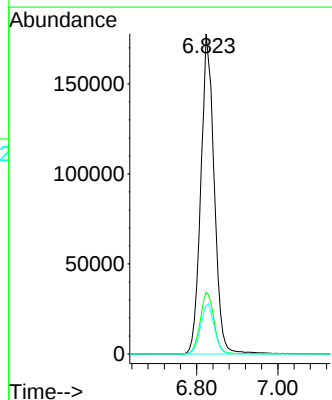
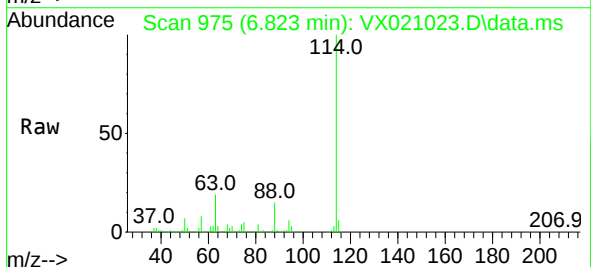
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

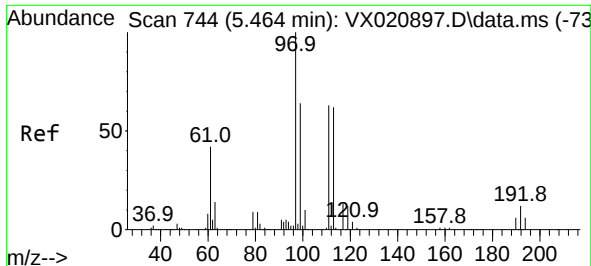
Tgt Ion: 65 Resp: 145646
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.823 min Scan# 975
Delta R.T. -0.006 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Tgt Ion: 114 Resp: 407611
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 15.1 0.0 32.8

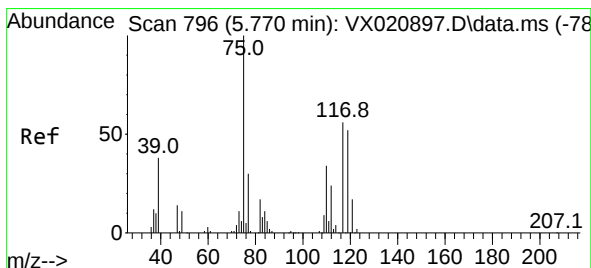
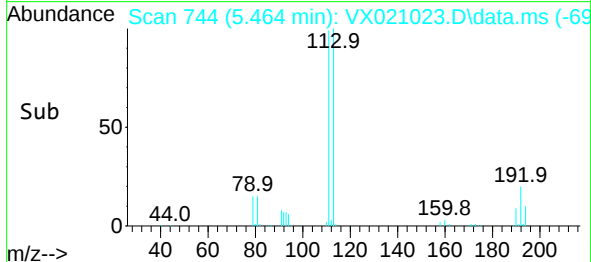
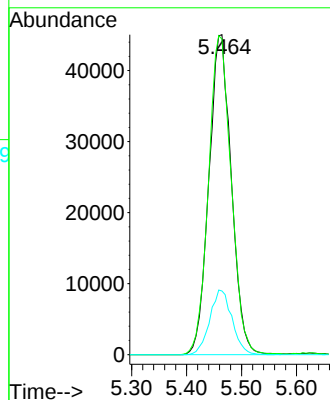
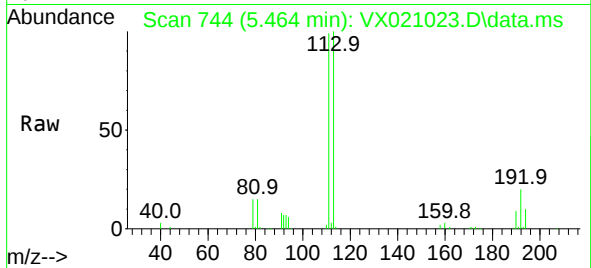




#35
Dibromofluoromethane
Concen: 51.51 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

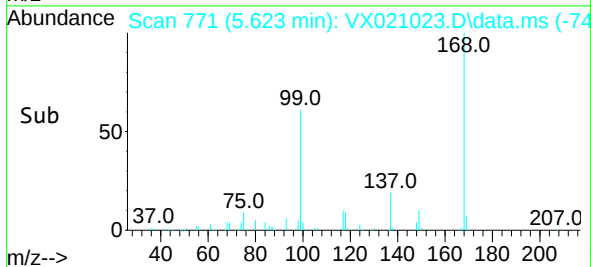
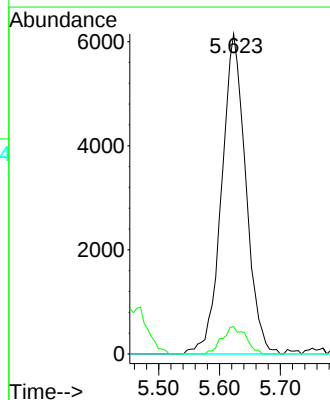
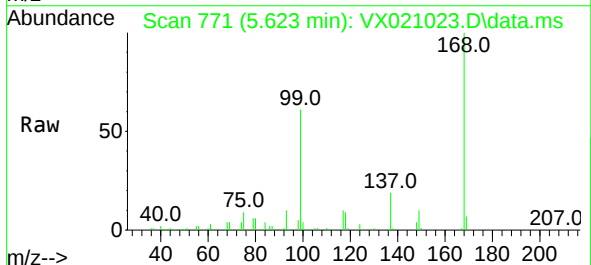
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

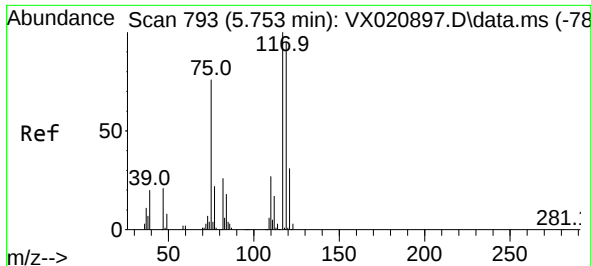
Tgt Ion:113 Resp: 127559
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Tgt Ion: 75 Resp: 16924
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#

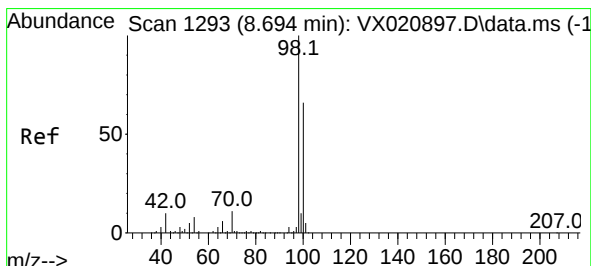
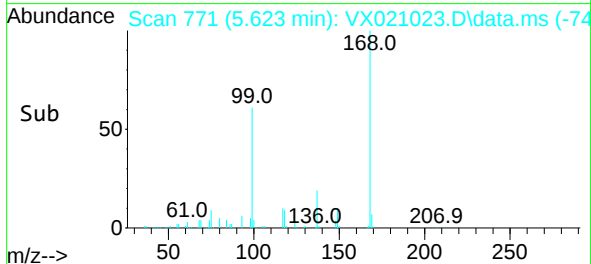
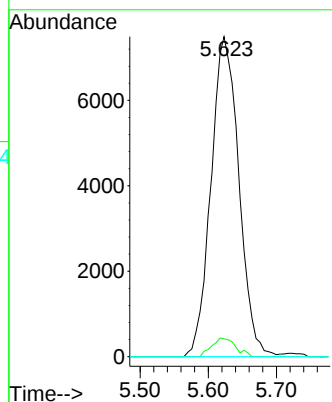
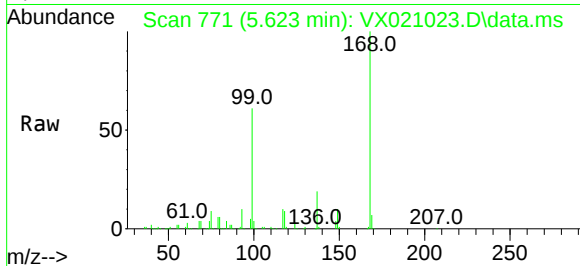




#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

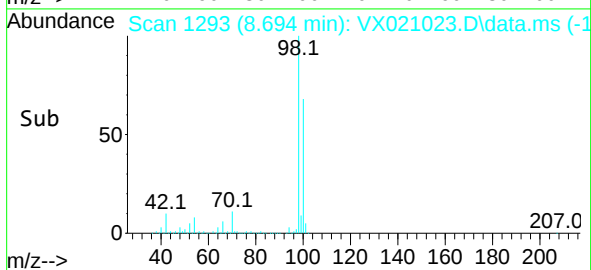
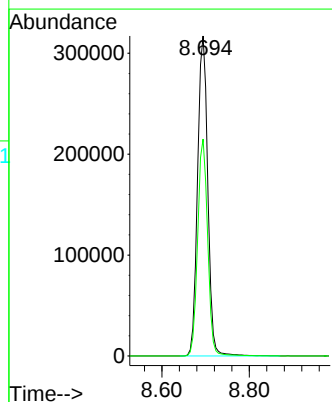
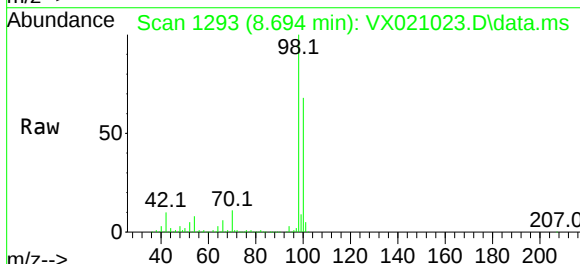
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

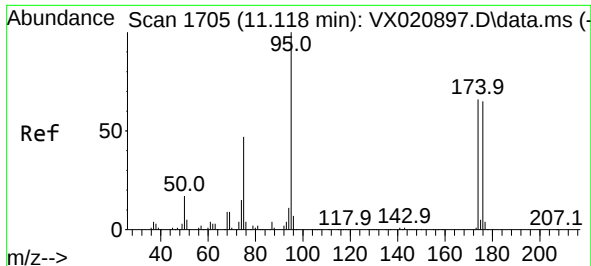
Tgt Ion:117 Resp: 21372
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.51 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Tgt Ion: 98 Resp: 516756
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

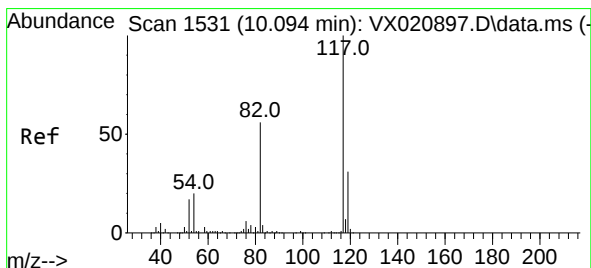
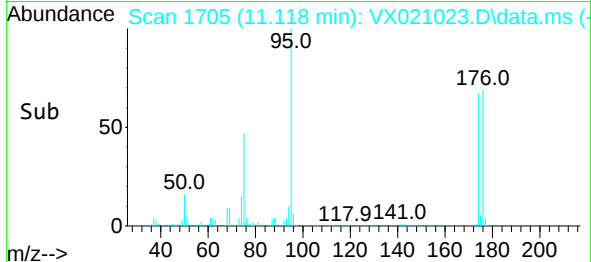
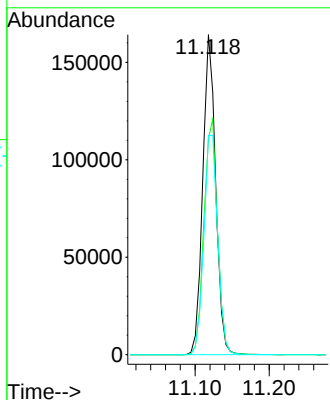
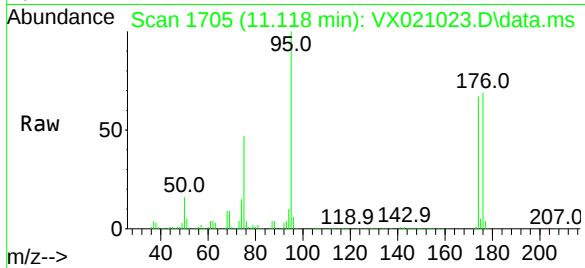




#62
4-Bromofluorobenzene
Concen: 55.50 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

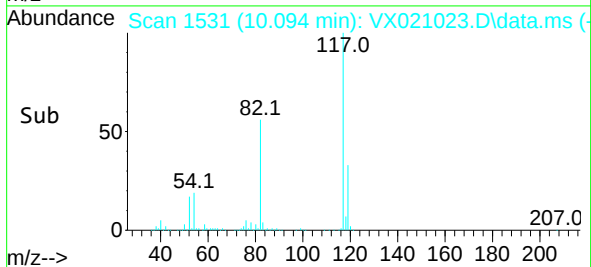
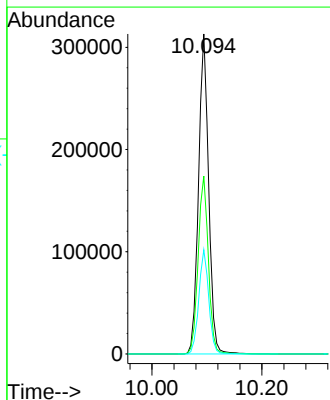
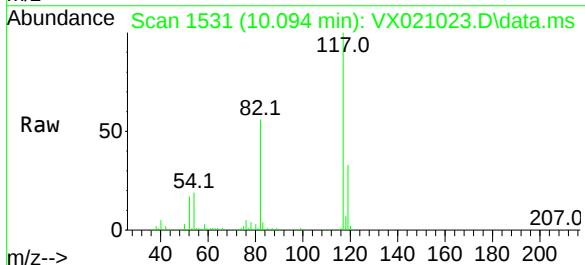
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

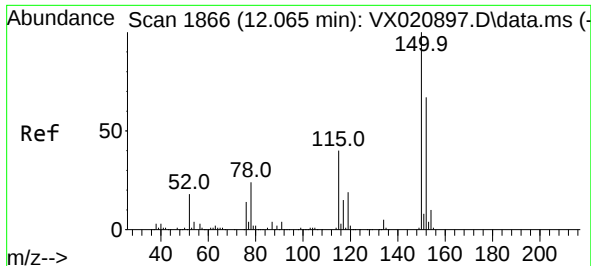
Tgt Ion: 95 Resp: 198159
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 74.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Tgt Ion: 117 Resp: 399869
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 32.6 26.6 39.8

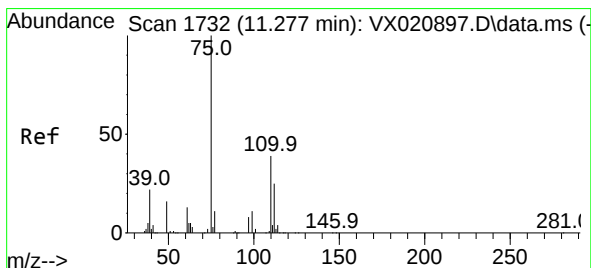
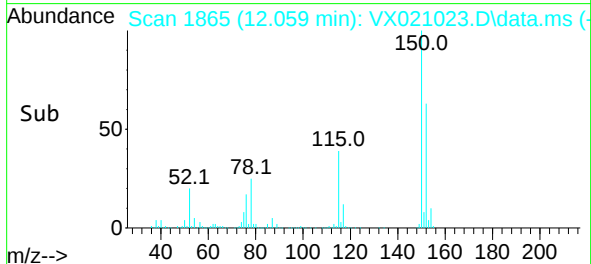
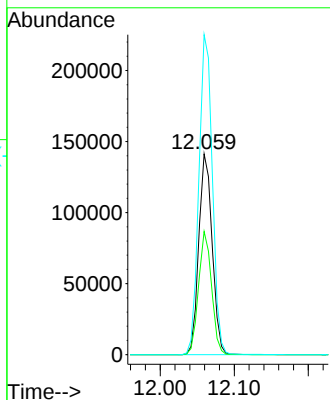
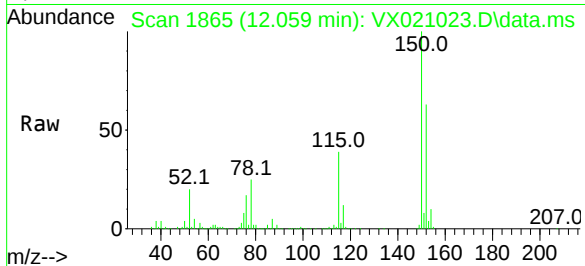




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

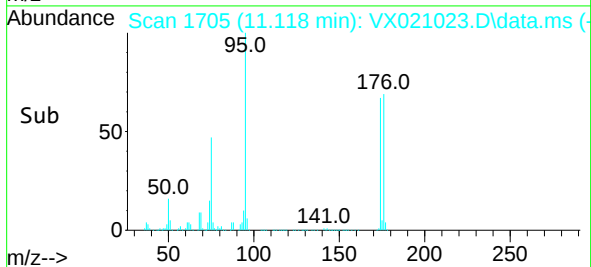
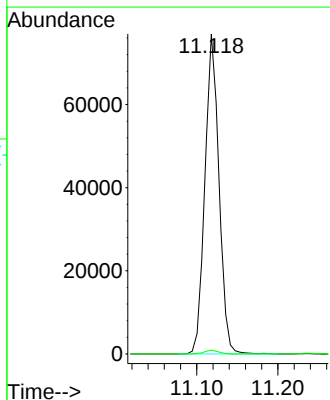
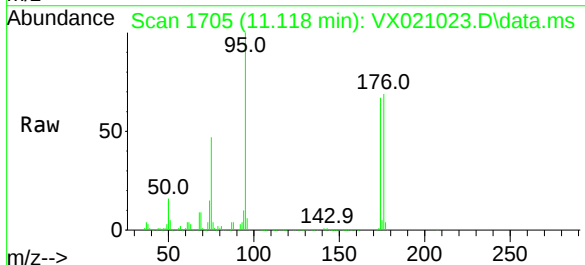
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

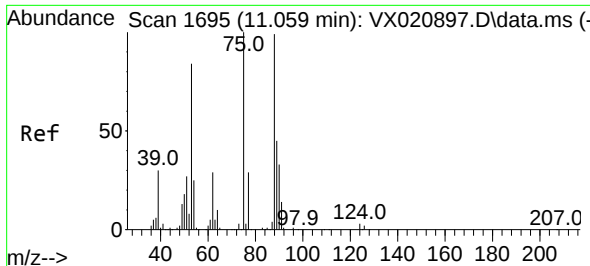
Tgt Ion:152 Resp: 177716
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 160.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Tgt Ion: 75 Resp: 92271
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

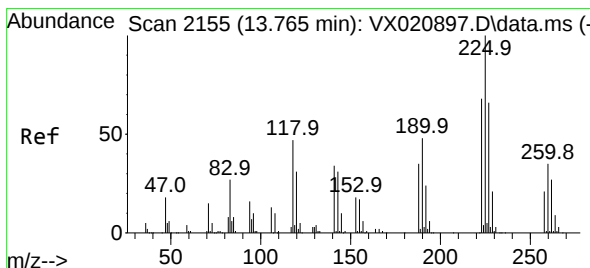
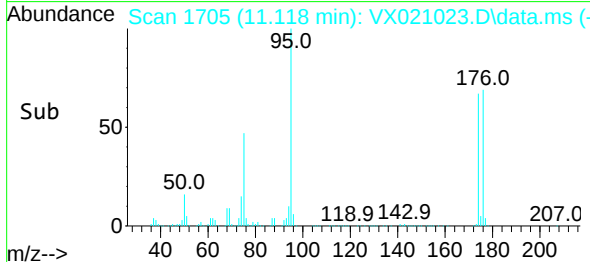
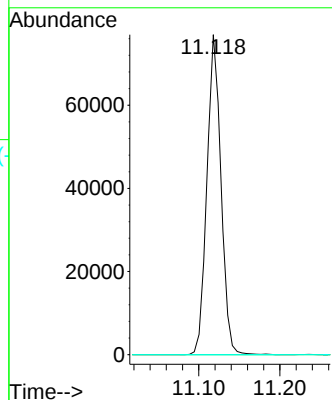
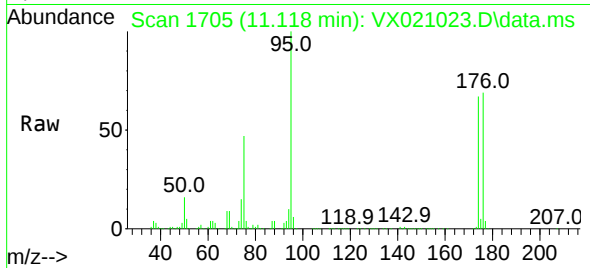




#81
trans-1,4-Dichloro-2-butene
Concen: 53.43 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

Tgt Ion: 75 Resp: 92271
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.27 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VX021023.D
Acq: 05 Mar 2021 10:58

Tgt Ion: 225 Resp: 393
Ion Ratio Lower Upper
225 100
223 64.1 31.1 93.2
227 58.3 31.6 95.0

