

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021017.D
 Acq On : 04 Mar 2021 16:22
 Operator : JC/MD
 Sample : M1553-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 05 01:22:39 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)

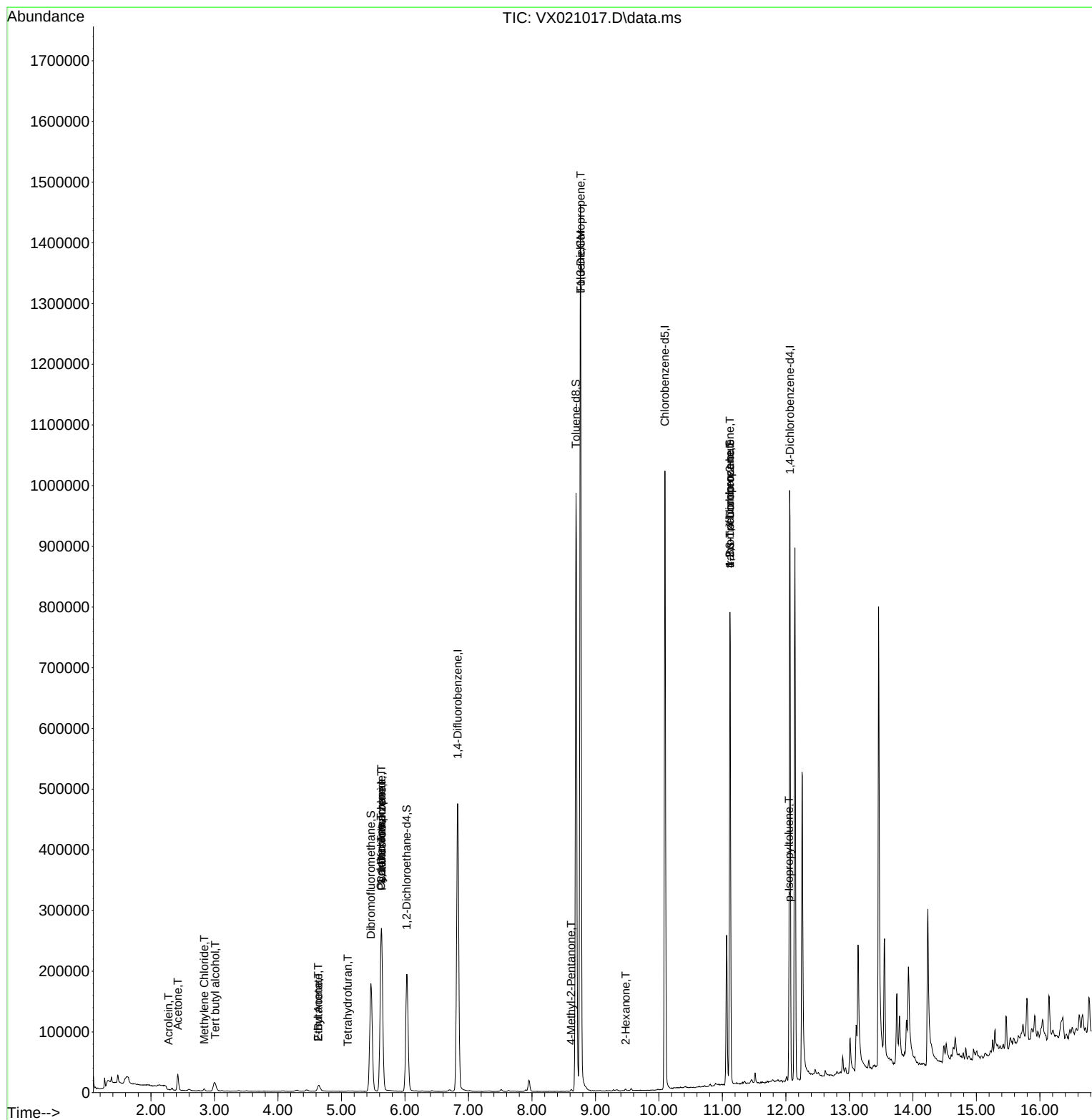
Internal Standards						
1) Pentafluorobenzene	5.635	168	263717	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	505088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	467501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	204800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	181510	50.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.92%			
35) Dibromofluoromethane	5.464	113	157520	51.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.66%			
50) Toluene-d8	8.694	98	616684	51.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.08%			
62) 4-Bromofluorobenzene	11.118	95	223003	50.40	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.80%			
Target Compounds					Qvalue	
5) Bromomethane	1.640	94	539	Below Cal	#	73
11) Tert butyl alcohol	3.011	59	17230	21.72	ug/l	98
13) Acrolein	2.275	56	220	0.45	ug/l #	14
16) Acetone	2.423	43	28011	19.08	ug/l	100
20) Methylene Chloride	2.840	84	1659	0.47	ug/l	86
25) 2-Butanone	4.635	43	7049	3.16	ug/l	95
29) Tetrahydrofuran	5.099	42	567	0.40	ug/l #	40
31) Cyclohexane	5.623	56	5351	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20970	4.37	ug/l #	48
37) Ethyl Acetate	4.635	43	7049	1.54	ug/l #	71
38) Carbon Tetrachloride	5.629	117	24938	5.36	ug/l #	16
51) 4-Methyl-2-Pentanone	8.617	43	1776	0.39	ug/l	96
52) Toluene	8.765	92	574618	64.12	ug/l	97
53) t-1,3-Dichloropropene	8.765	75	5909	1.04	ug/l #	1
59) 2-Hexanone	9.476	43	1428	0.42	ug/l	99
76) 1,2,3-Trichloropropane	11.118	75	104386	23.69	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	104386	52.46	ug/l #	12
86) p-Isopropyltoluene	12.047	119	7269	0.51	ug/l	87

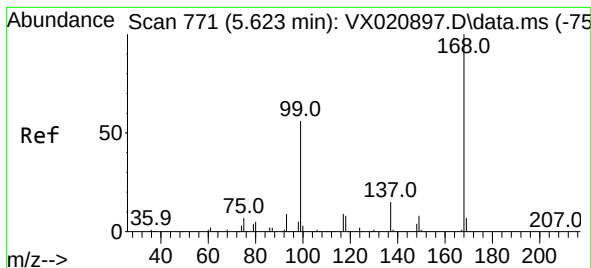
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.635 min Scan# 773

Delta R.T. 0.012 min

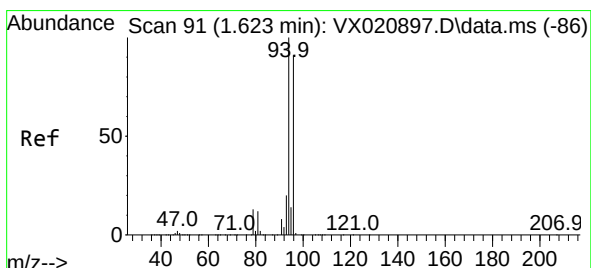
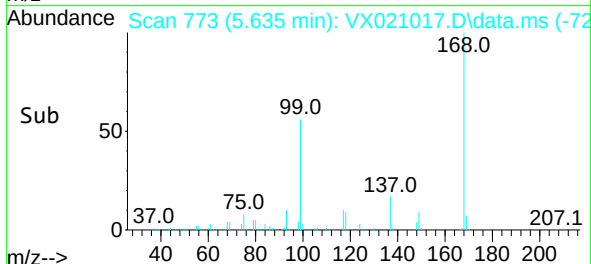
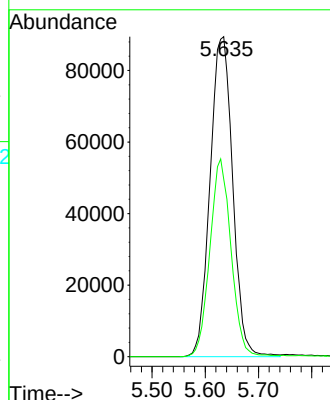
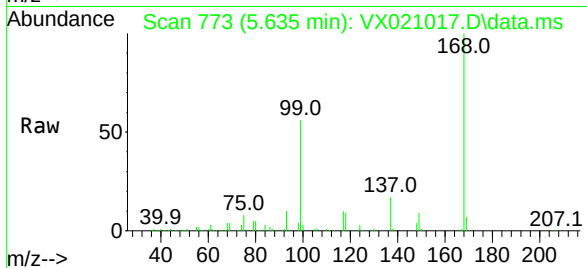
Lab File: VX021017.D

Acq: 04 Mar 2021 16:22

Tgt Ion:168 Resp: 263717

Ion Ratio Lower Upper

168	100		
99	55.5	45.8	68.6



#5

Bromomethane

Concen: Below Cal

RT: 1.640 min Scan# 94

Delta R.T. 0.017 min

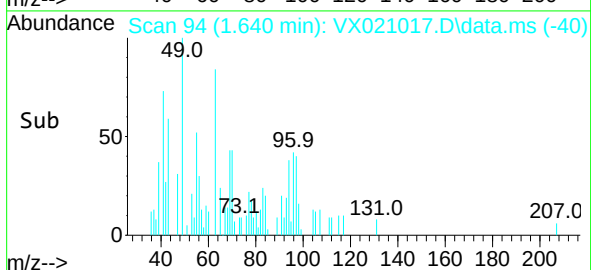
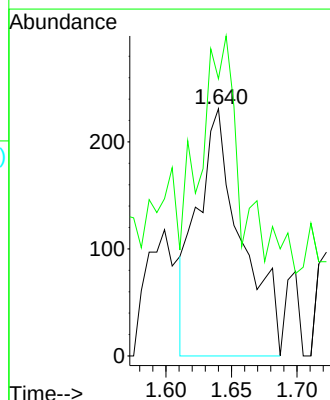
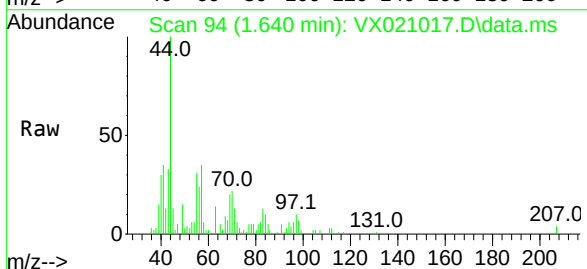
Lab File: VX021017.D

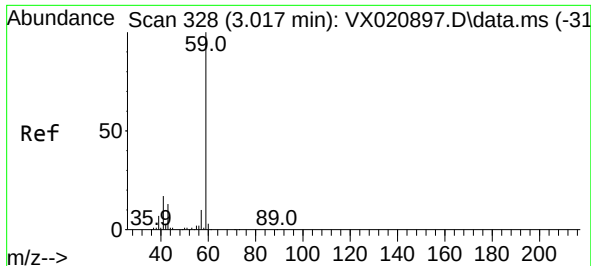
Acq: 04 Mar 2021 16:22

Tgt Ion: 94 Resp: 539

Ion Ratio Lower Upper

94	100		
96	69.3	76.4	114.6#

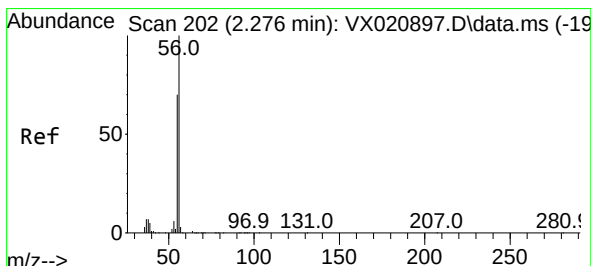
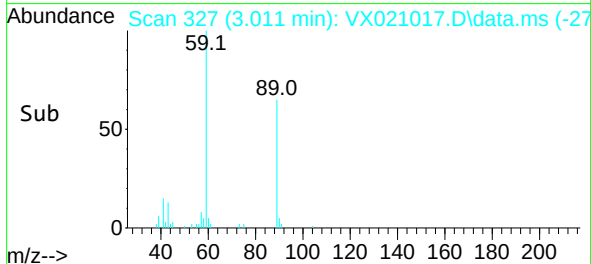
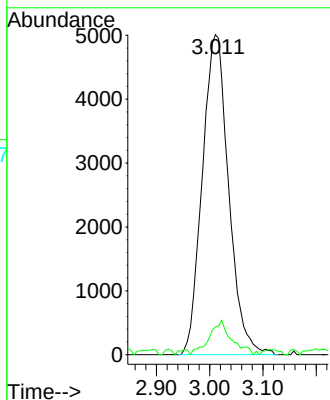
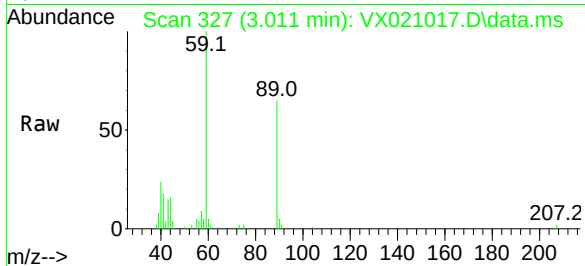




#11
Tert butyl alcohol
Concen: 21.72 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

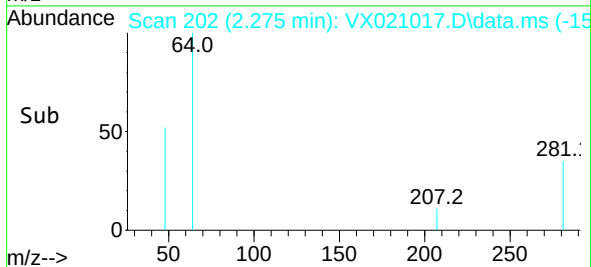
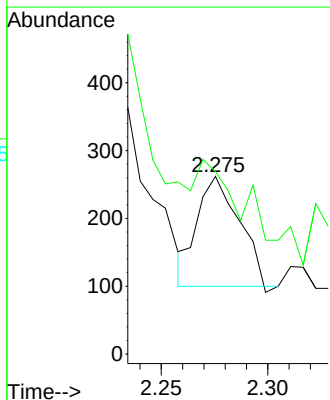
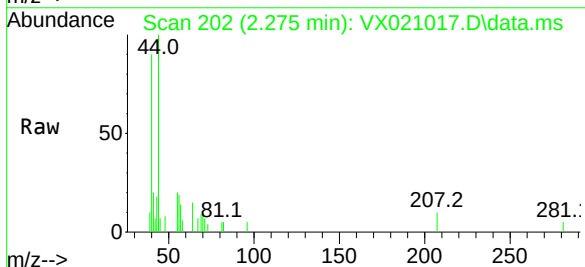
Instrument :
MSVOA_X
ClientSampled :

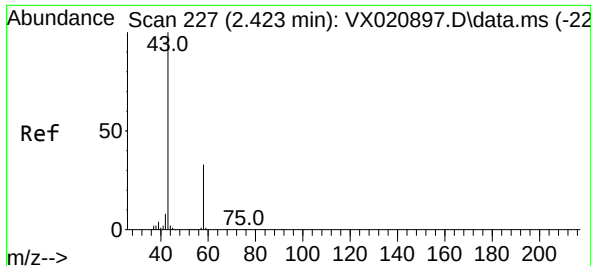
Tgt Ion: 59 Resp: 17230
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8



#13
Acrolein
Concen: 0.45 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 56 Resp: 220
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

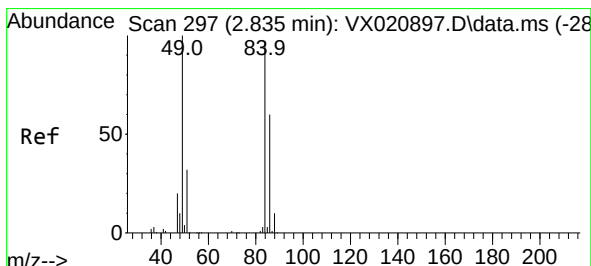
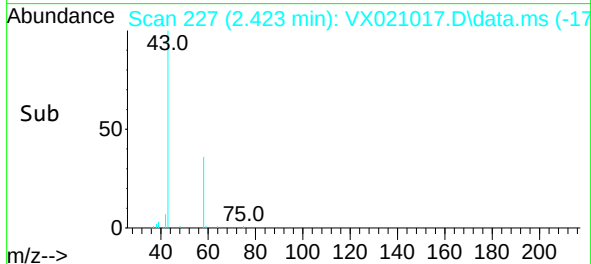
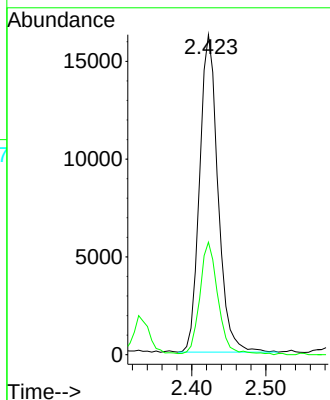
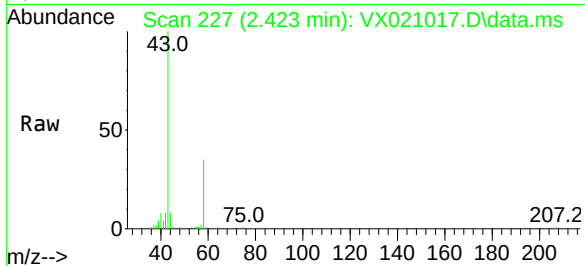




#16
Acetone
Concen: 19.08 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

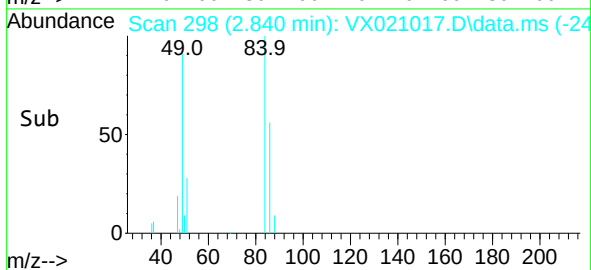
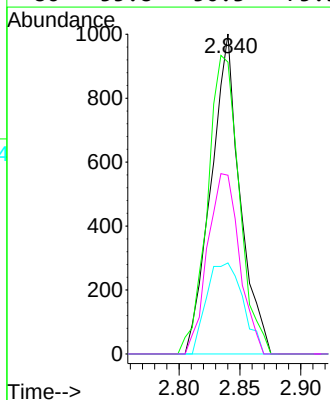
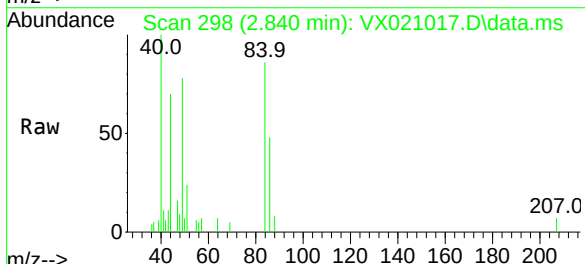
Instrument :
MSVOA_X
ClientSampled :

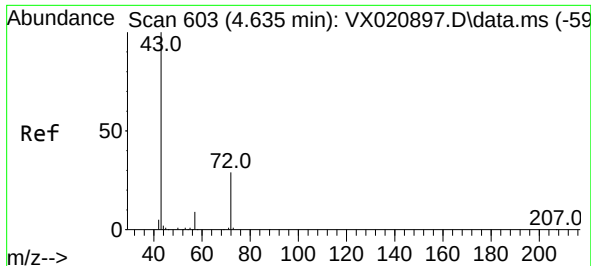
Tgt Ion: 43 Resp: 28011
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.47 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 84 Resp: 1659
Ion Ratio Lower Upper
84 100
49 91.2 88.6 132.8
51 28.5 27.0 40.6
86 55.8 50.3 75.5

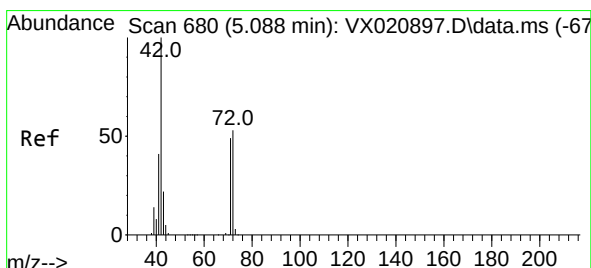
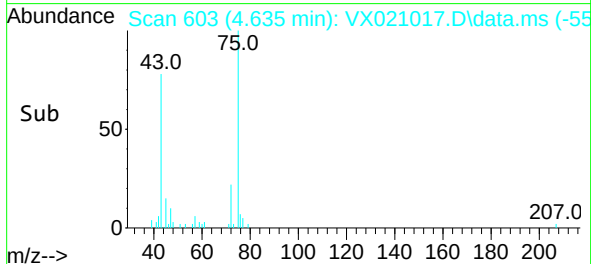
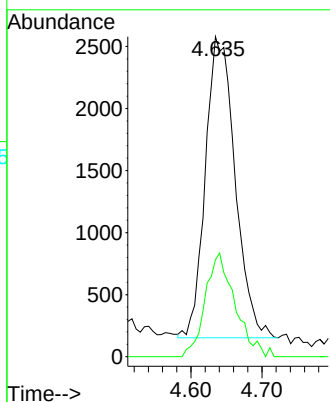
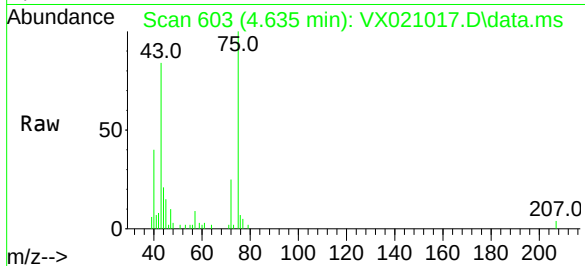




#25
2-Butanone
Concen: 3.16 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

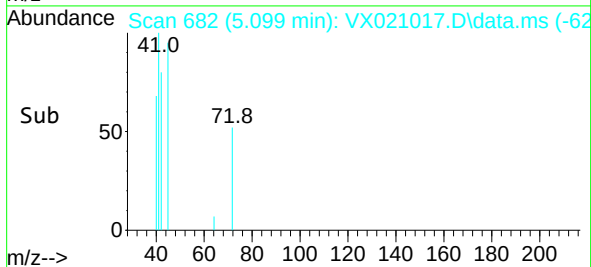
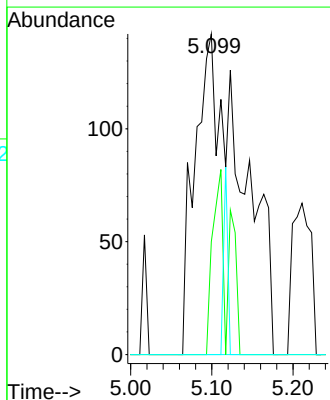
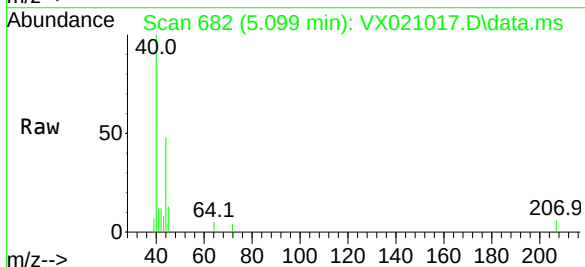
Instrument :
MSVOA_X
ClientSampled :

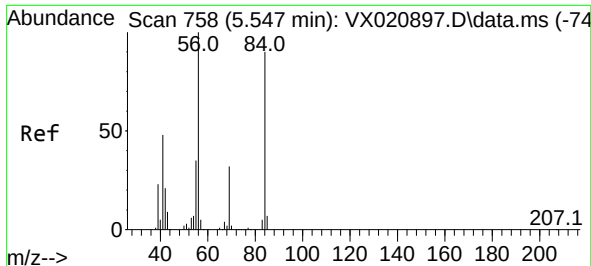
Tgt Ion: 43 Resp: 7049
Ion Ratio Lower Upper
43 100
72 32.2 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.40 ug/l
RT: 5.099 min Scan# 682
Delta R.T. 0.012 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

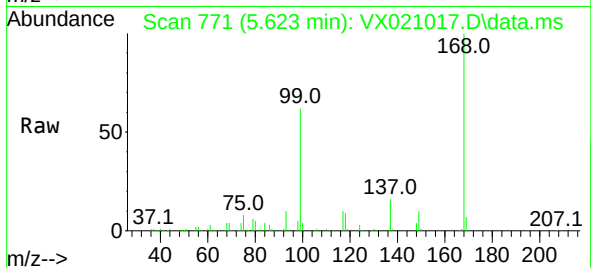
Tgt Ion: 42 Resp: 567
Ion Ratio Lower Upper
42 100
72 12.3 41.7 62.5#
71 5.1 38.4 57.6#



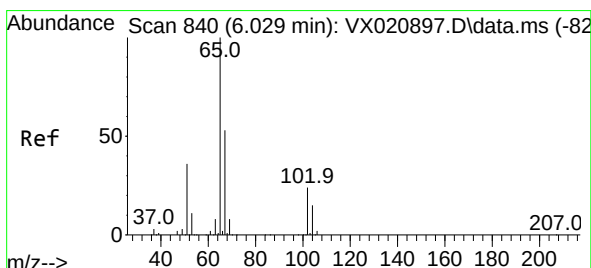
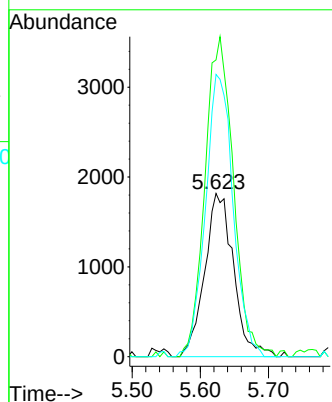
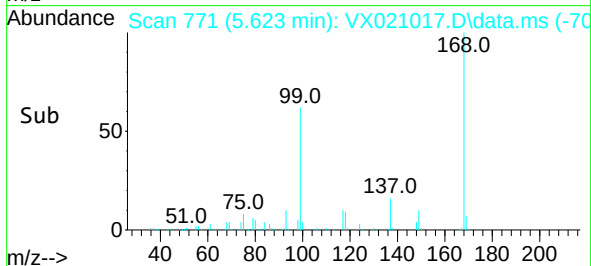


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

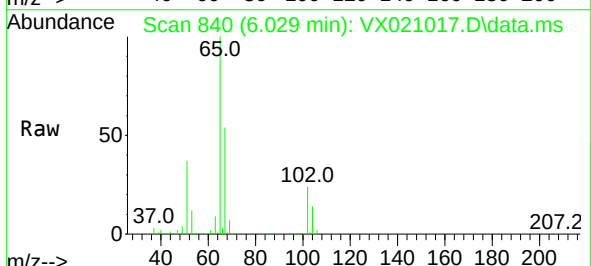
Instrument :
MSVOA_X
ClientSampled :



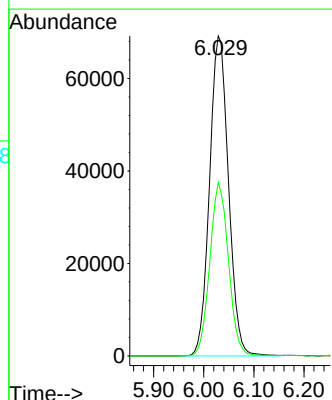
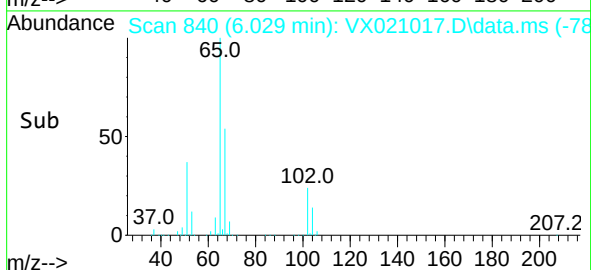
Tgt Ion: 56 Resp: 5351
Ion Ratio Lower Upper
56 100
69 181.8 25.3 37.9#
84 172.8 71.4 107.0#

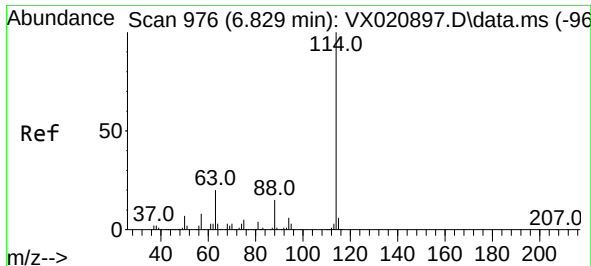


#33
1,2-Dichloroethane-d4
Concen: 50.96 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22



Tgt Ion: 65 Resp: 181510
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

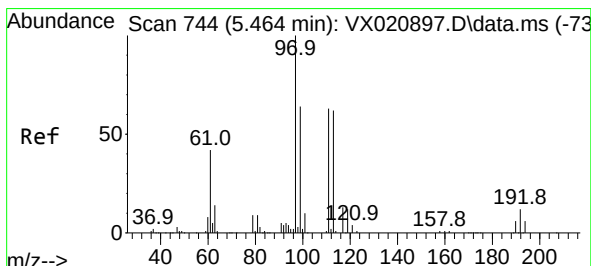
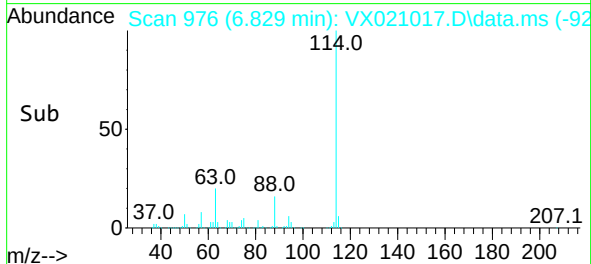
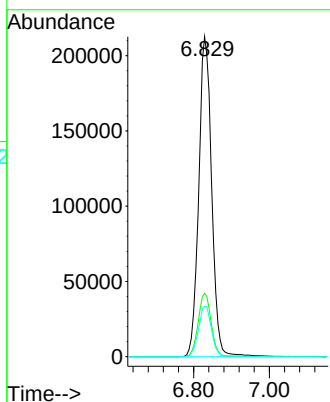
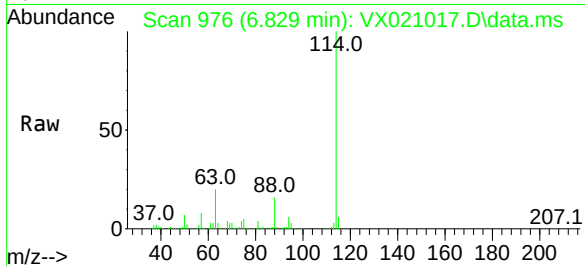




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

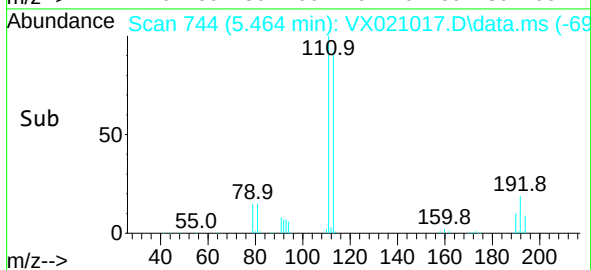
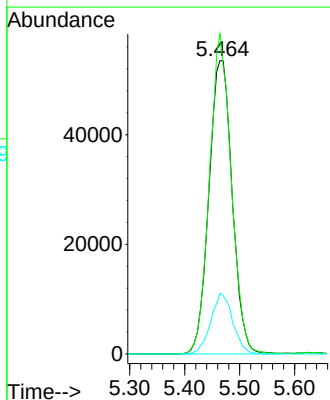
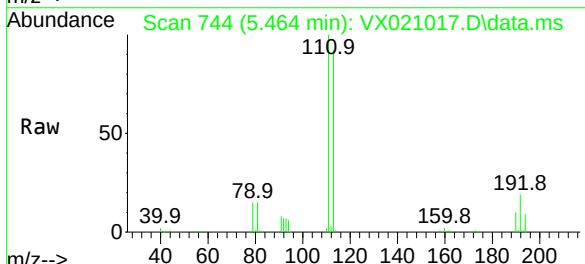
Instrument :
MSVOA_X
ClientSampleId :

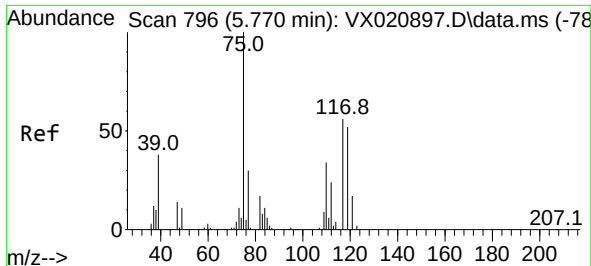
Tgt Ion:114 Resp: 505088
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.33 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

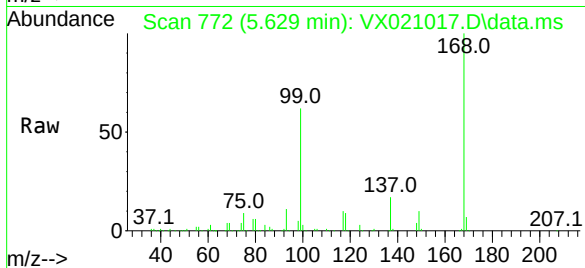
Tgt Ion:113 Resp: 157520
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.5 16.7 25.1



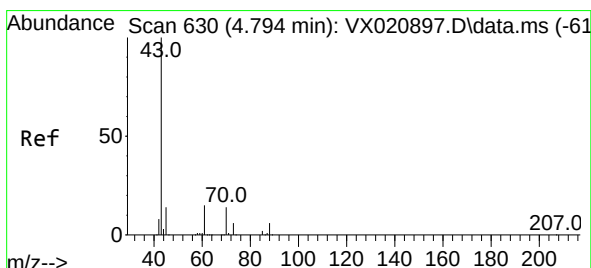
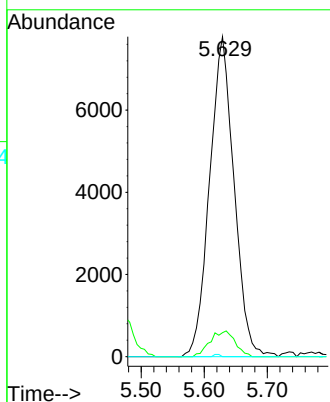
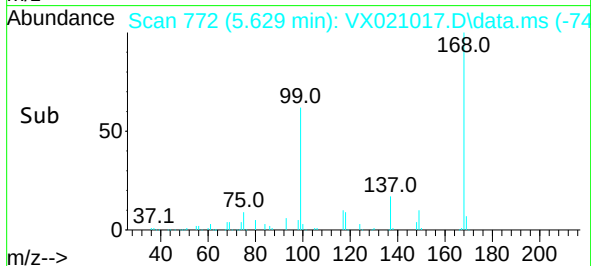


#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

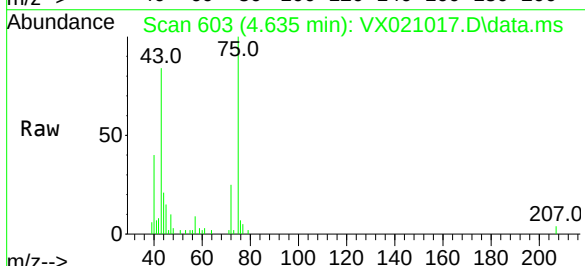
Instrument :
MSVOA_X
ClientSampleId :



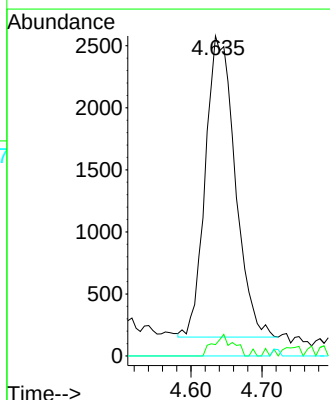
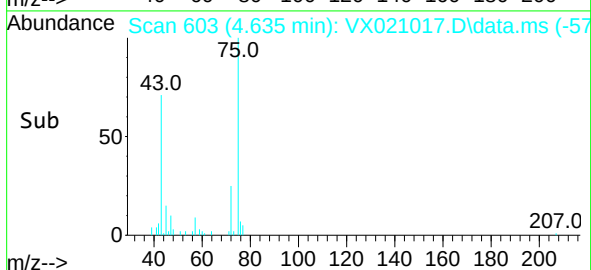
Tgt Ion: 75 Resp: 20970
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.2 25.3 37.9#

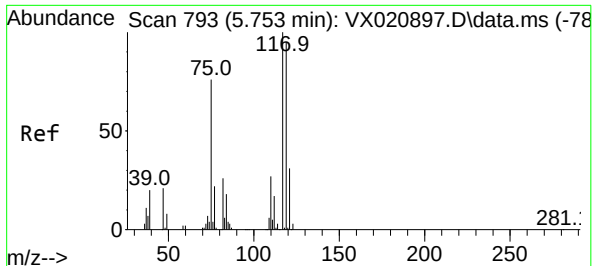


#37
Ethyl Acetate
Concen: 1.54 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.159 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22



Tgt Ion: 43 Resp: 7049
Ion Ratio Lower Upper
43 100
61 4.8 12.8 19.2#
70 0.0 10.5 15.7#

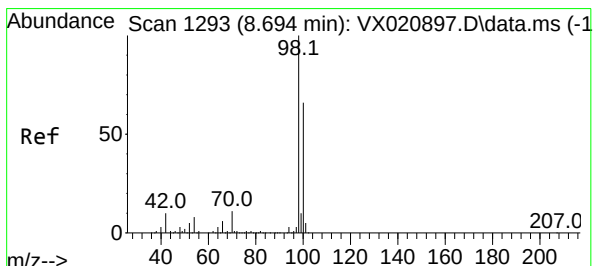
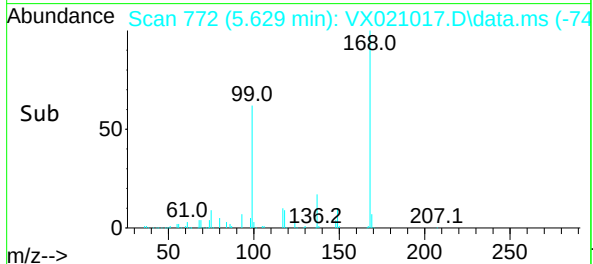
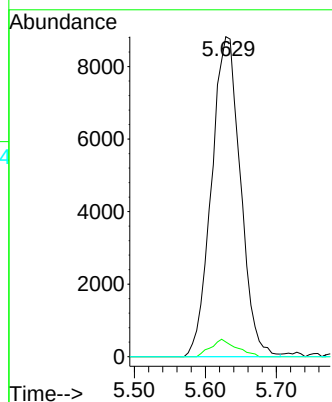
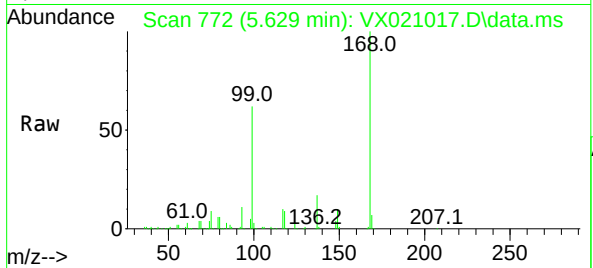




#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

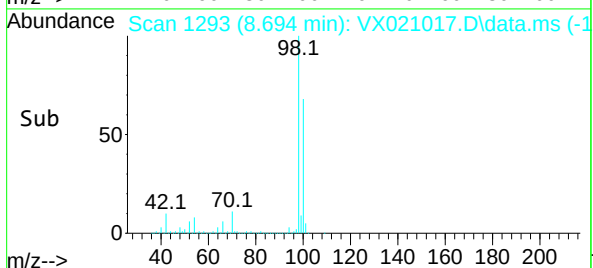
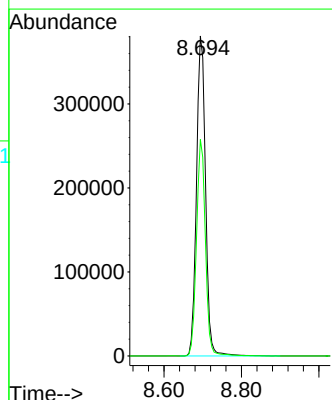
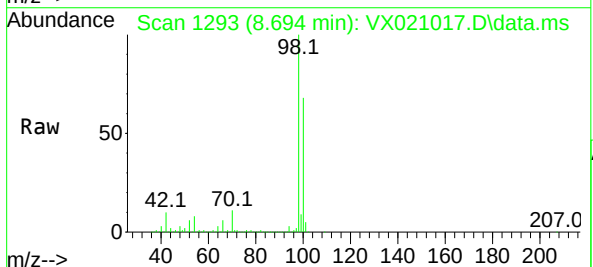
Instrument :
MSVOA_X
ClientSampleId :

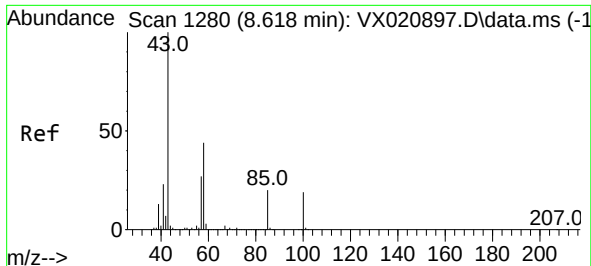
Tgt Ion:117 Resp: 24938
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.54 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 98 Resp: 616684
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

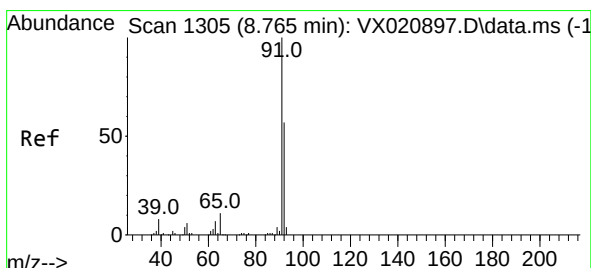
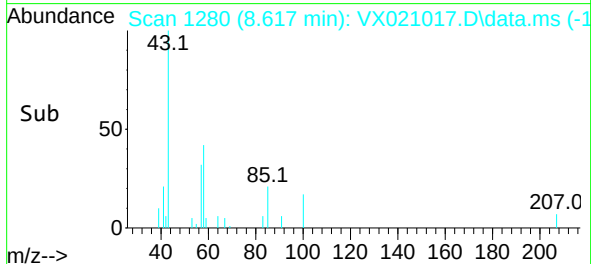
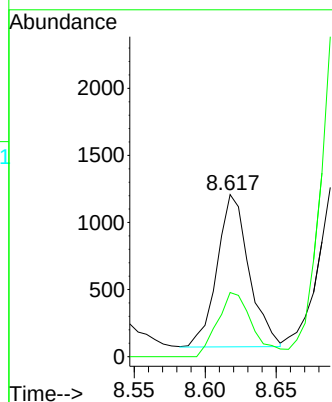
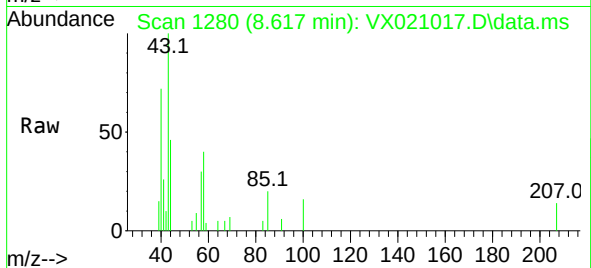




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

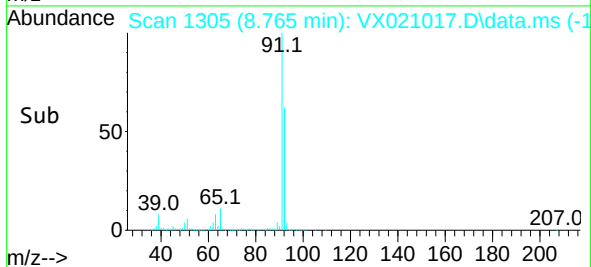
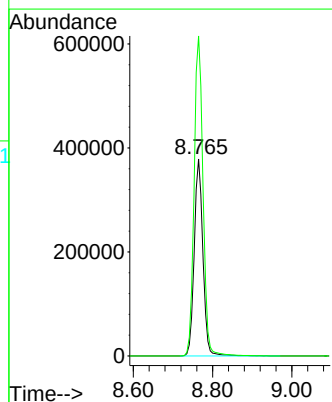
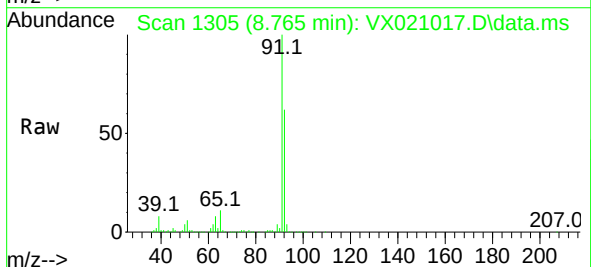
Instrument :
MSVOA_X
ClientSampled :

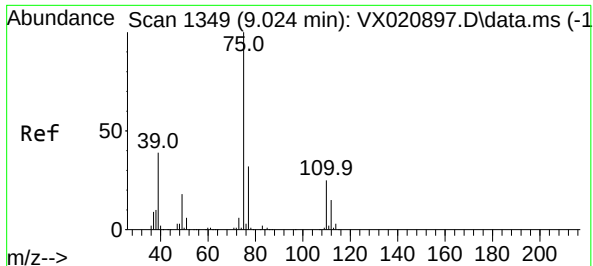
Tgt Ion: 43 Resp: 1776
Ion Ratio Lower Upper
43 100
58 46.8 35.4 53.0



#52
Toluene
Concen: 64.12 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 92 Resp: 574618
Ion Ratio Lower Upper
92 100
91 167.2 137.1 205.7

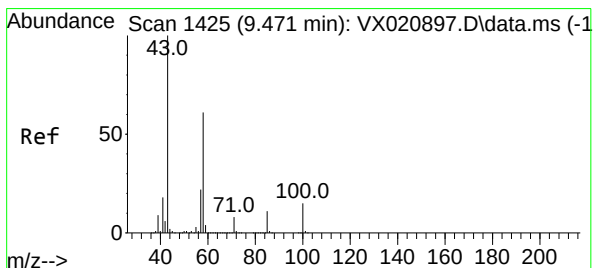
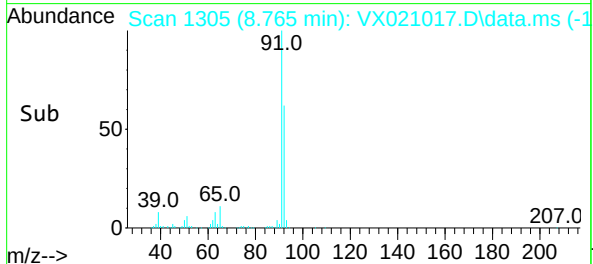
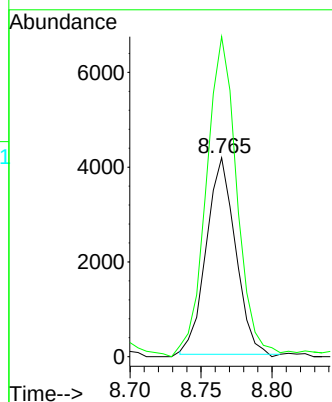
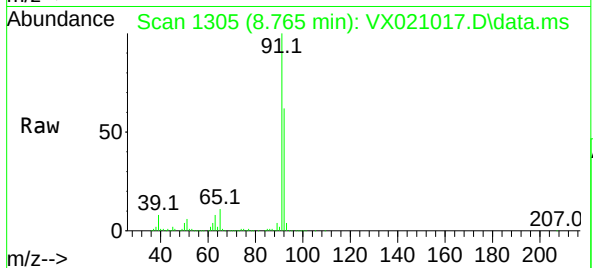




#53
t-1,3-Dichloropropene
Concen: 1.04 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.259 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

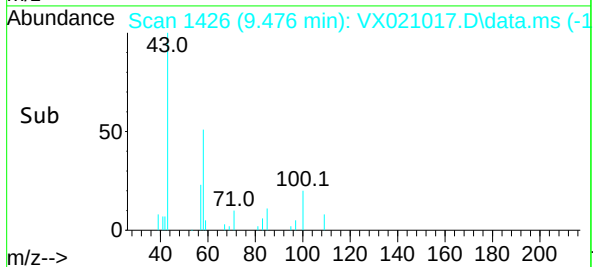
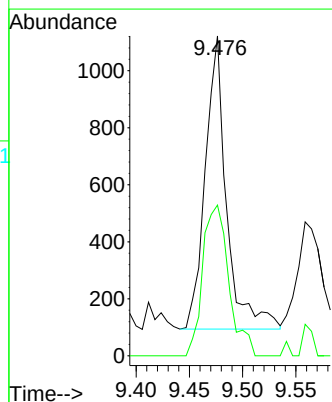
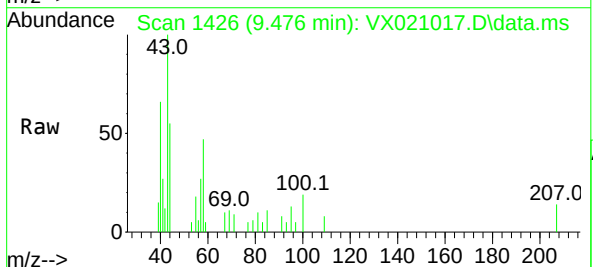
Instrument :
MSVOA_X
ClientSampled :

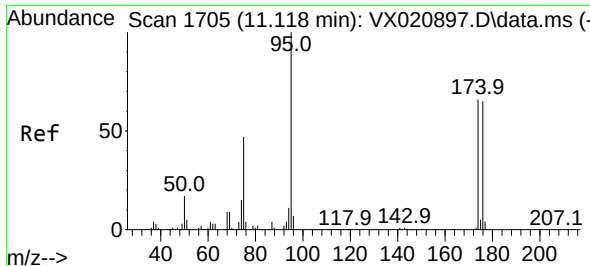
Tgt Ion: 75 Resp: 5909
Ion Ratio Lower Upper
75 100
77 160.9 24.9 37.3#



#59
2-Hexanone
Concen: 0.42 ug/l
RT: 9.476 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
58 63.0 30.9 92.8

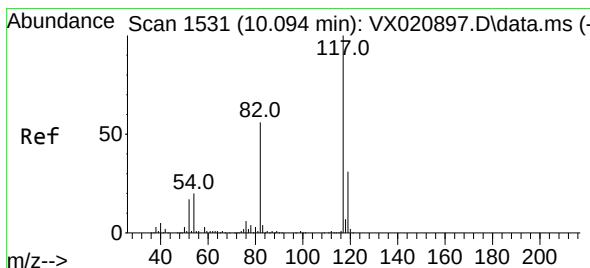
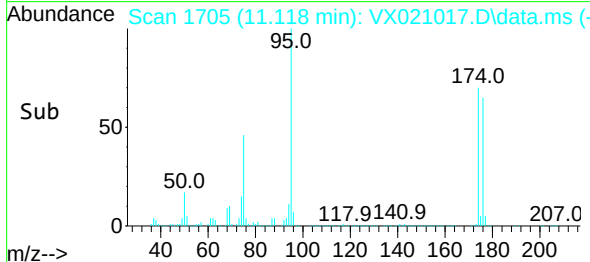
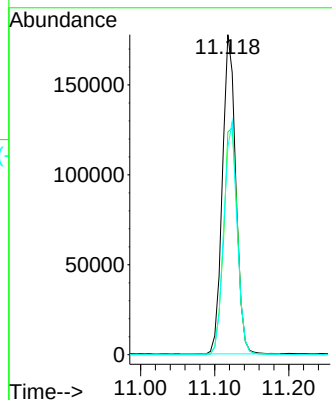
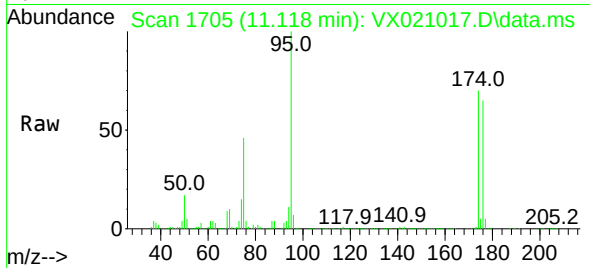




#62
4-Bromofluorobenzene
Concen: 50.40 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

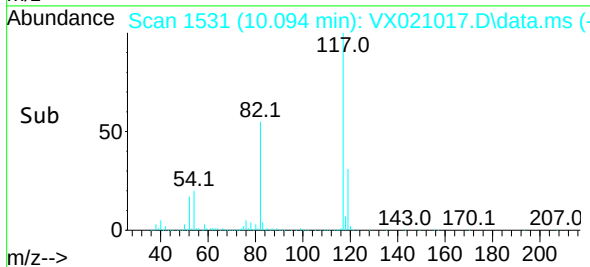
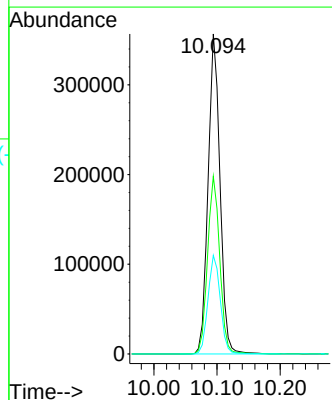
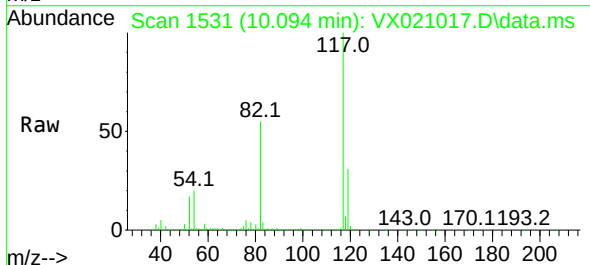
Instrument :
MSVOA_X
ClientSampleId :

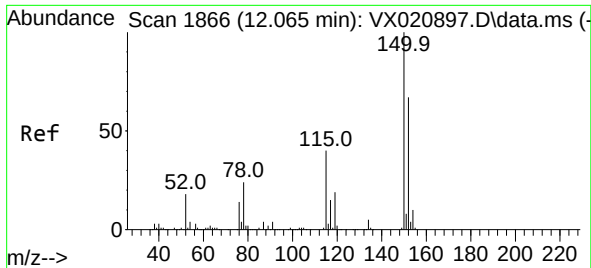
Tgt Ion: 95 Resp: 223003
Ion Ratio Lower Upper
95 100
174 74.1 0.0 154.6
176 73.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 117 Resp: 467501
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 30.8 26.6 39.8

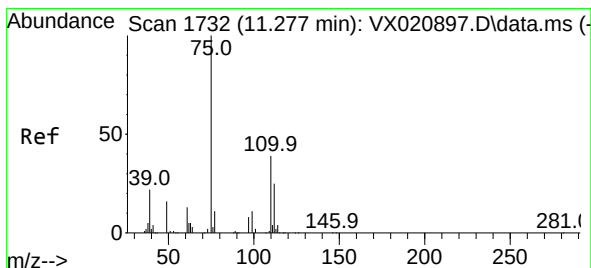
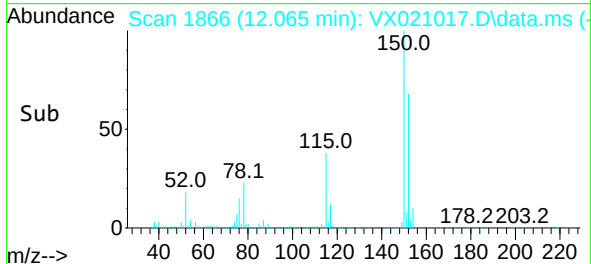
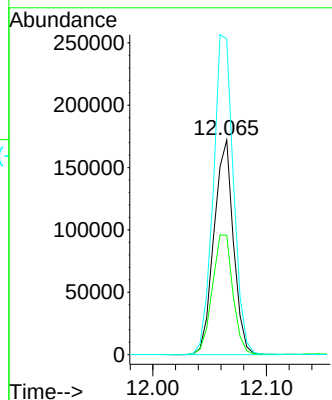
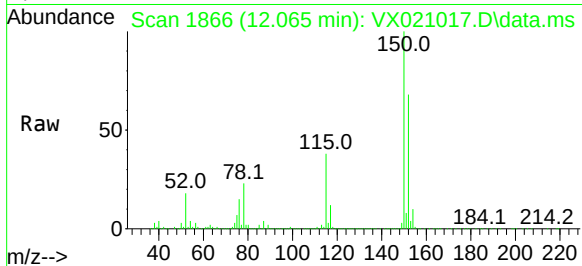




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

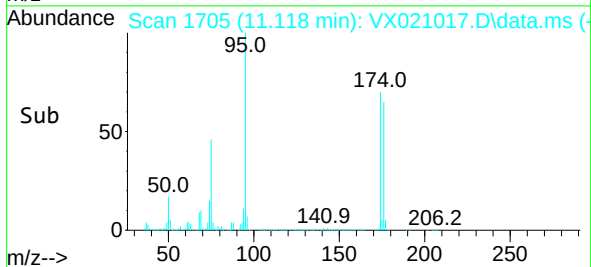
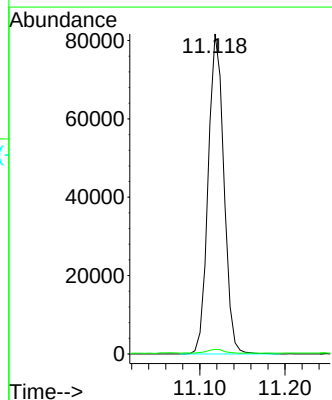
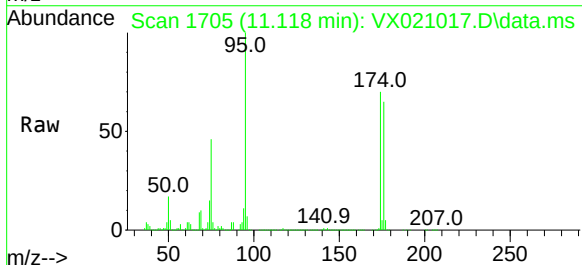
Instrument :
MSVOA_X
ClientSampled :

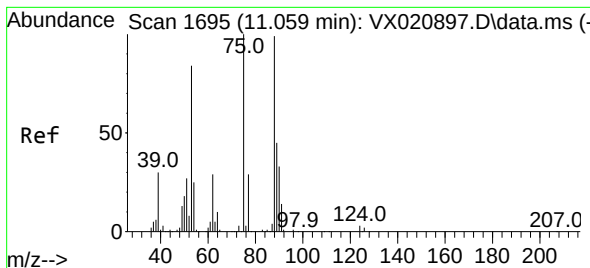
Tgt Ion:152 Resp: 204800
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 155.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.69 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 75 Resp: 104386
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#

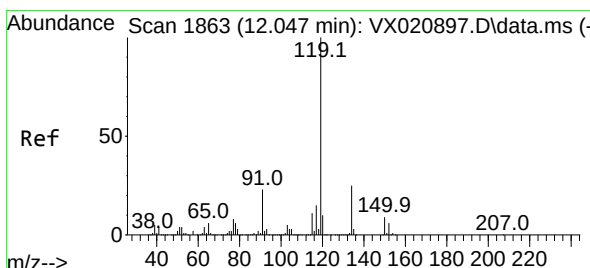
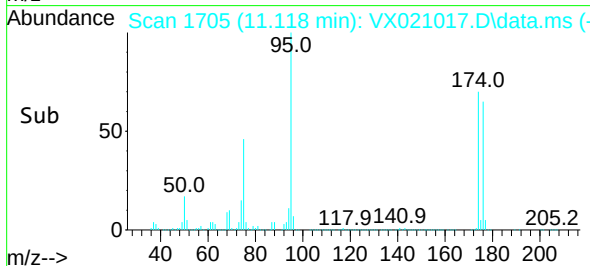
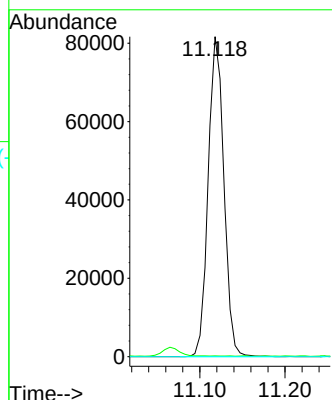
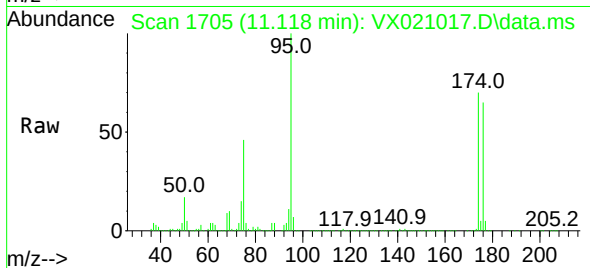




#81
trans-1,4-Dichloro-2-butene
Concen: 52.46 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 104386
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#86
p-Isopropyltoluene
Concen: 0.51 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 119 Resp: 7269
Ion Ratio Lower Upper
119 100
134 29.2 12.9 38.7
91 32.7 11.7 35.0

