

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020981.D
 Acq On : 02 Mar 2021 21:47
 Operator : JC/MD
 Sample : M1545-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 01:20:02 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)

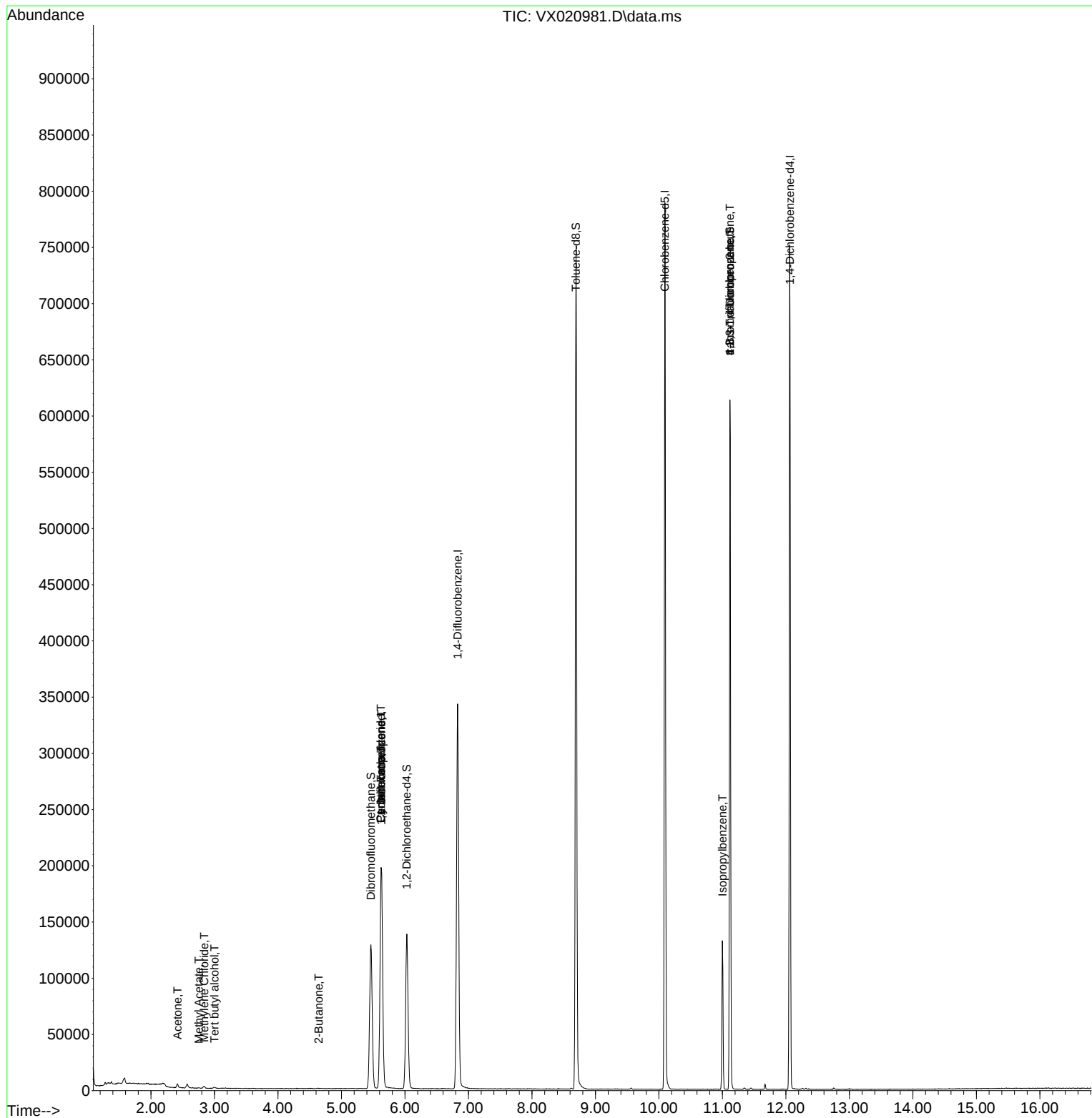
Internal Standards						
1) Pentafluorobenzene	5.623	168	197782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	365025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	364486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	161037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	129161	48.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.70%
35) Dibromofluoromethane	5.464	113	113734	51.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.56%
50) Toluene-d8	8.694	98	455540	52.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.36%
62) 4-Bromofluorobenzene	11.118	95	171293	53.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.14%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	324	Below Cal		99
11) Tert butyl alcohol	2.999	59	1240	2.08 ug/l #		94
16) Acetone	2.417	43	3901	3.54 ug/l		91
18) Methyl Acetate	2.752	43	695	0.27 ug/l #		47
20) Methylene Chloride	2.840	84	857	0.32 ug/l #		89
25) 2-Butanone	4.641	43	460	0.28 ug/l		89
31) Cyclohexane	5.623	56	3840	0.99 ug/l #		10
36) 1,1-Dichloropropene	5.629	75	15060	4.34 ug/l #		47
38) Carbon Tetrachloride	5.623	117	19214	5.72 ug/l #		16
73) Isopropylbenzene	11.000	105	70082	5.51 ug/l		99
76) 1,2,3-Trichloropropane	11.118	75	80661	23.28 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	80661	51.55 ug/l #		12

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

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Quant Time: Mar 03 01:20:02 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

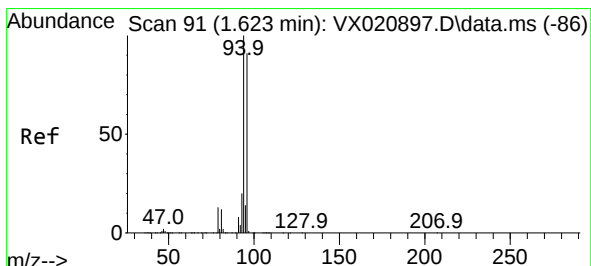
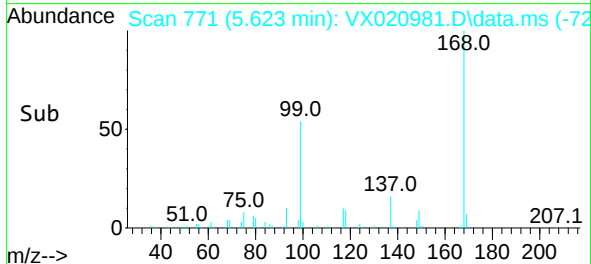
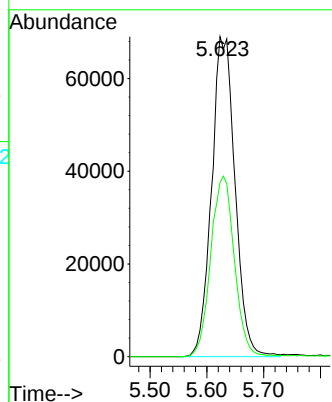
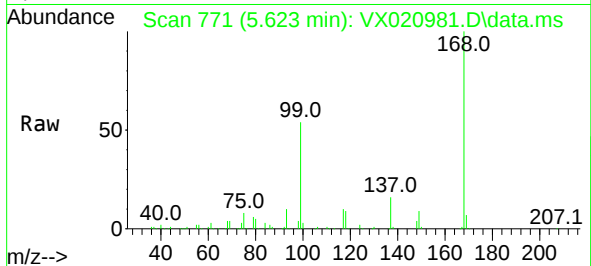




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.000 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

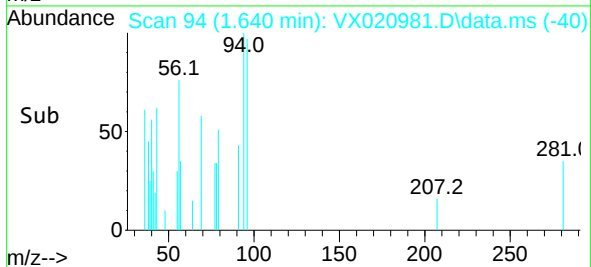
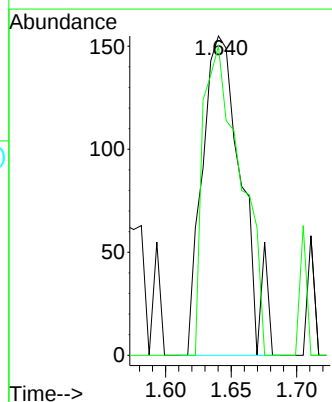
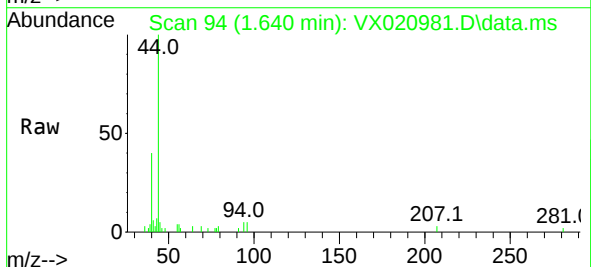
Instrument :
MSVOA_X
ClientSampleId :

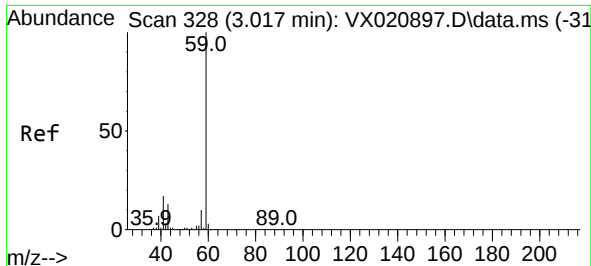
Tgt Ion:168 Resp: 197782
Ion Ratio Lower Upper
168 100
99 54.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 96.8 76.4 114.6

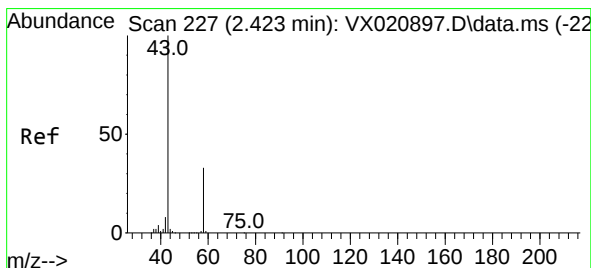
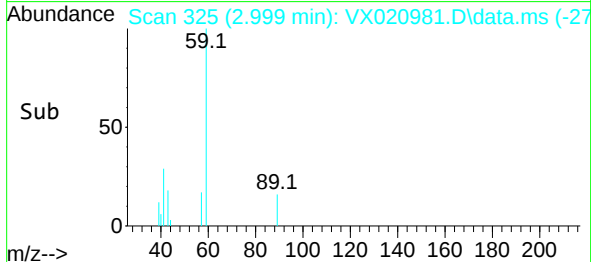
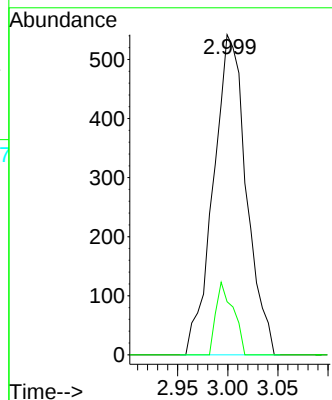
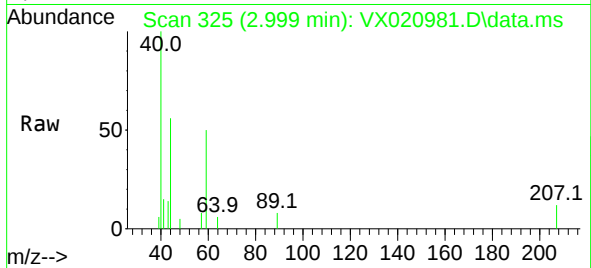




#11
Tert butyl alcohol
Concen: 2.08 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

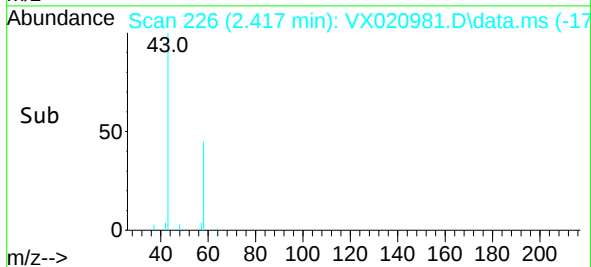
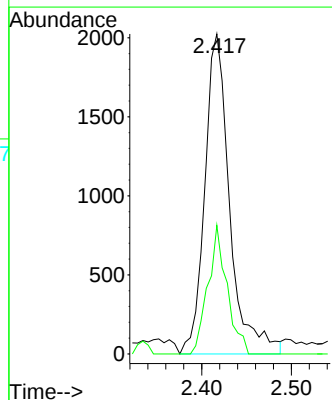
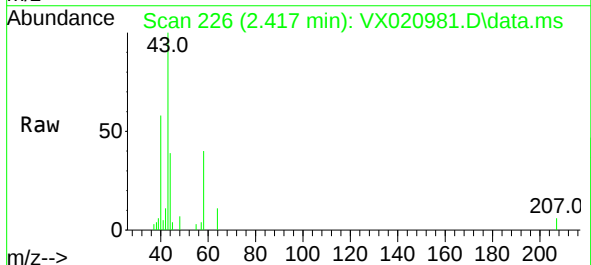
Instrument :
MSVOA_X
ClientSampled :

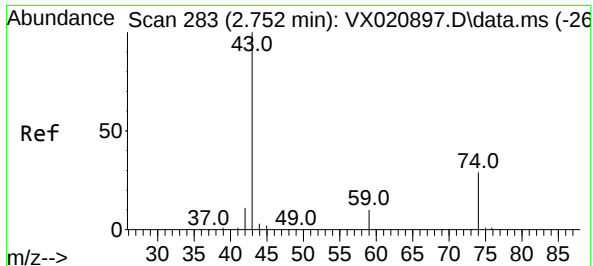
Tgt Ion: 59 Resp: 1240
Ion Ratio Lower Upper
59 100
57 11.9 7.8 11.8#



#16
Acetone
Concen: 3.54 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

Tgt Ion: 43 Resp: 3901
Ion Ratio Lower Upper
43 100
58 40.2 27.8 41.8

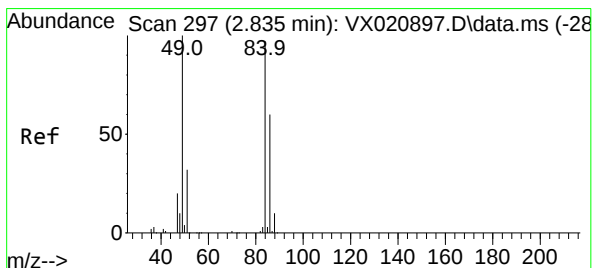
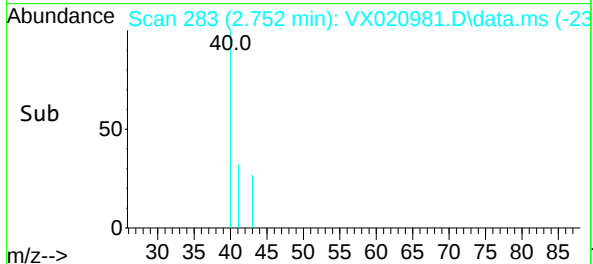
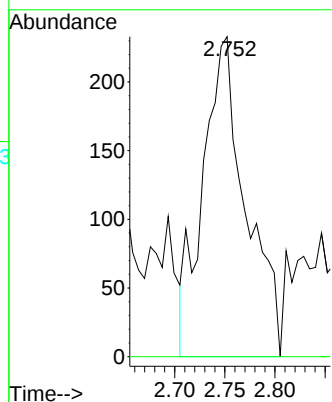
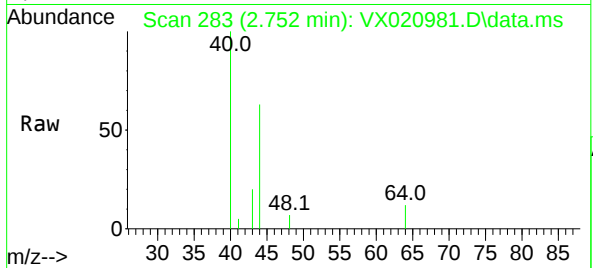




#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

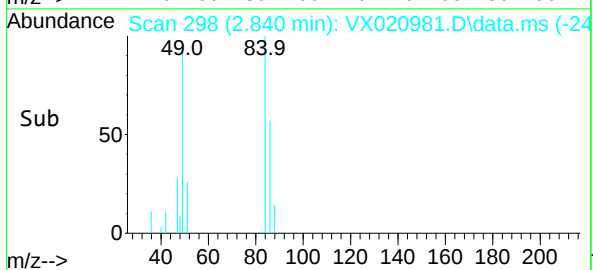
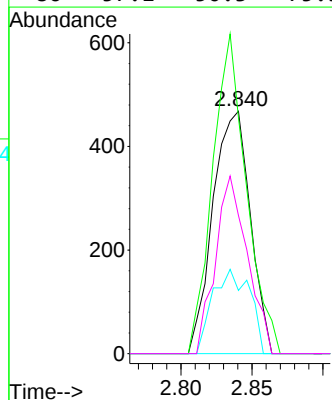
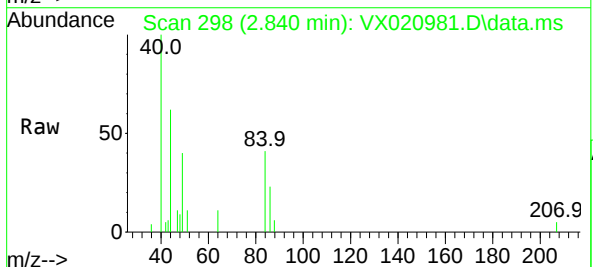
Instrument :
MSVOA_X
ClientSampled :

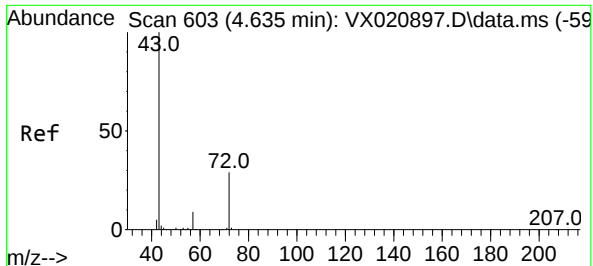
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

Tgt Ion: 84 Resp: 857
Ion Ratio Lower Upper
84 100
49 97.4 88.6 132.8
51 26.1 27.0 40.6#
86 57.1 50.3 75.5





#25

2-Butanone

Concen: 0.28 ug/l

RT: 4.641 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX020981.D

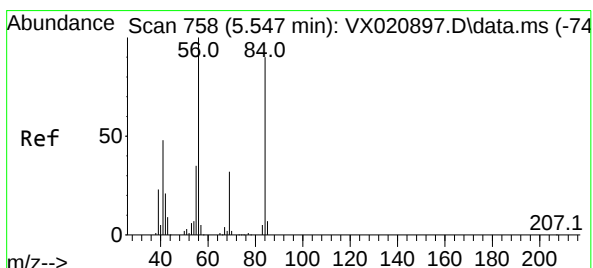
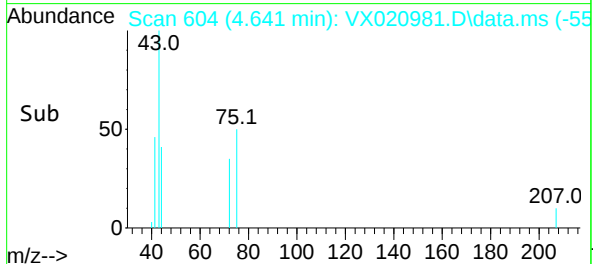
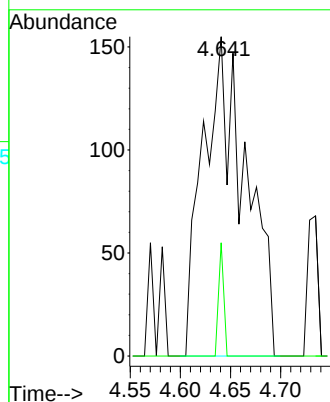
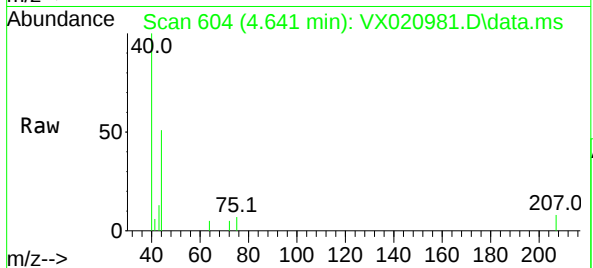
Acq: 02 Mar 2021 21:47

Tgt Ion: 43 Resp: 460

Ion Ratio Lower Upper

43 100

72 35.5 23.7 35.5



#31

Cyclohexane

Concen: 0.99 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.077 min

Lab File: VX020981.D

Acq: 02 Mar 2021 21:47

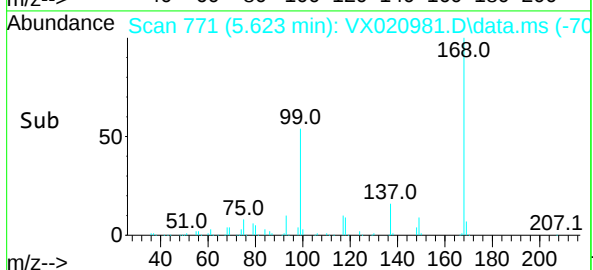
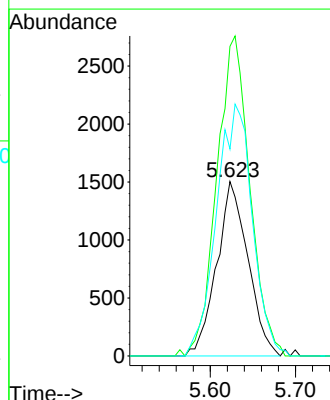
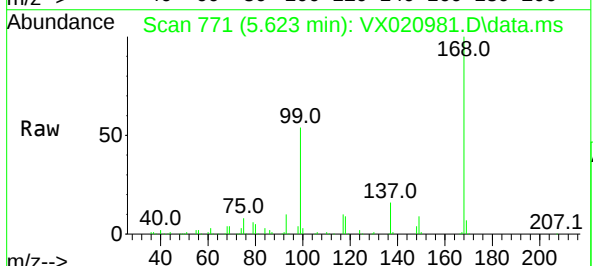
Tgt Ion: 56 Resp: 3840

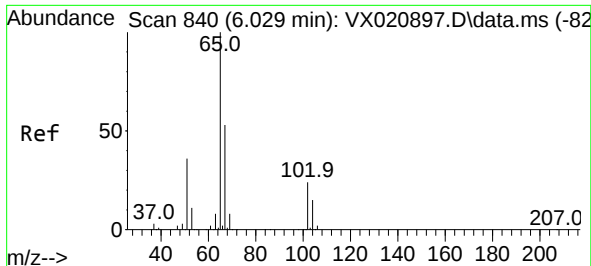
Ion Ratio Lower Upper

56 100

69 174.0 25.3 37.9#

84 118.6 71.4 107.0#

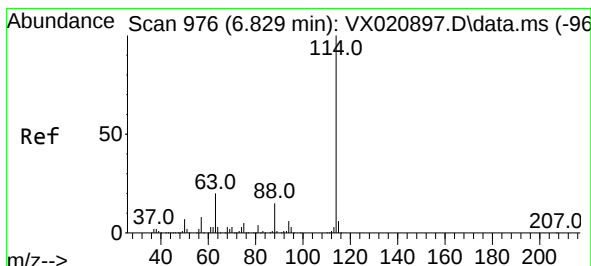
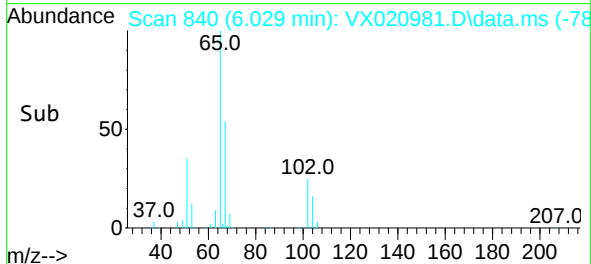
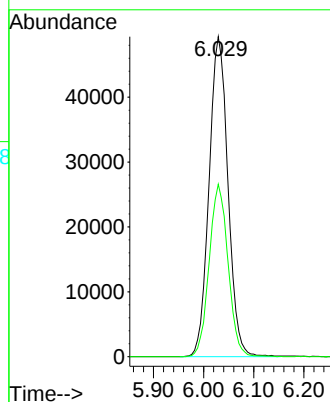
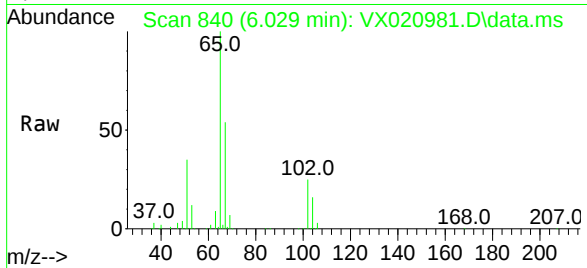




#33
 1,2-Dichloroethane-d4
 Concen: 48.35 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX020981.D
 Acq: 02 Mar 2021 21:47

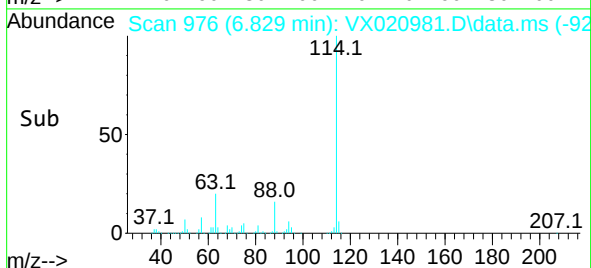
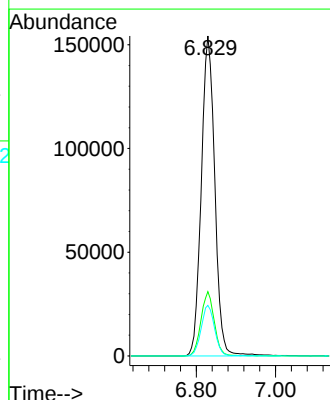
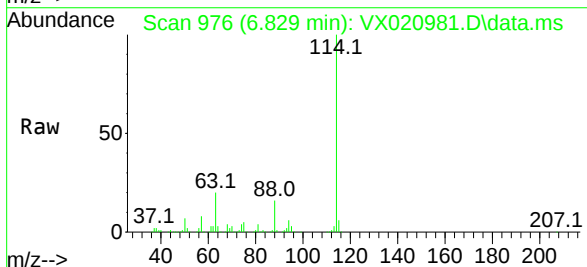
Instrument :
 MSVOA_X
 ClientSampled :

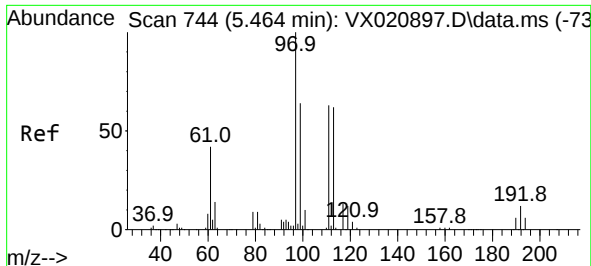
Tgt Ion: 65 Resp: 129161
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX020981.D
 Acq: 02 Mar 2021 21:47

Tgt Ion: 114 Resp: 365025
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.8 0.0 32.8

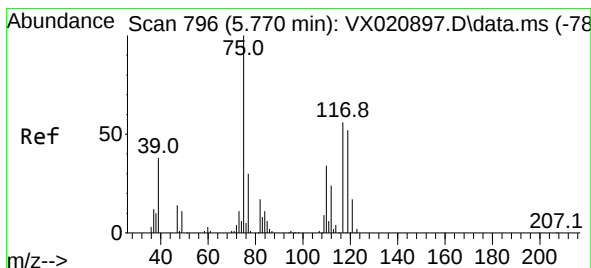
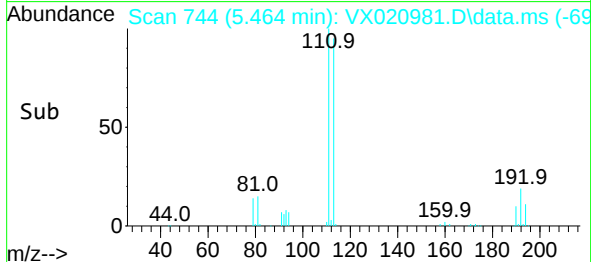
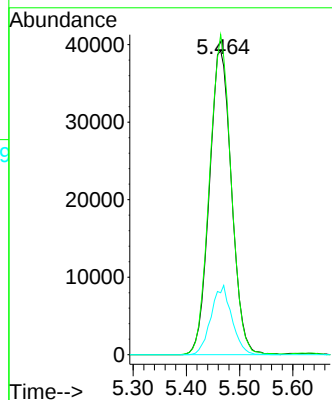
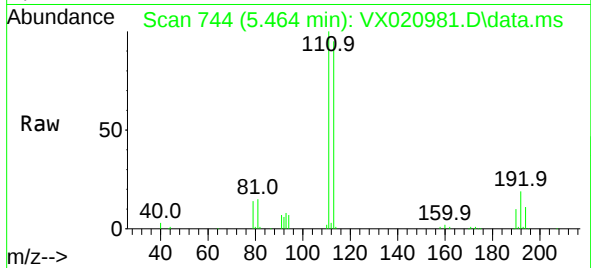




#35
Dibromofluoromethane
Concen: 51.28 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

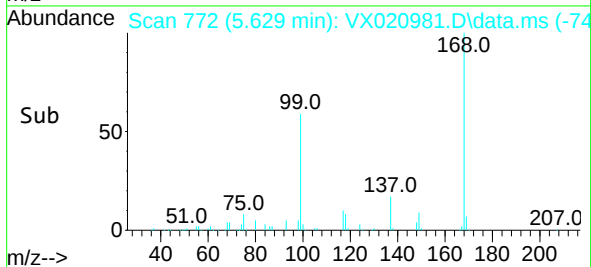
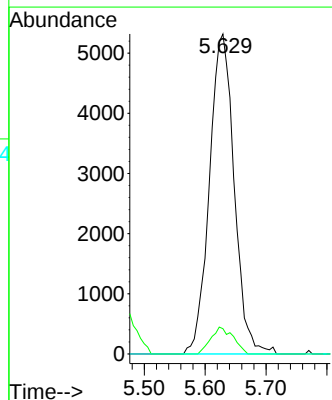
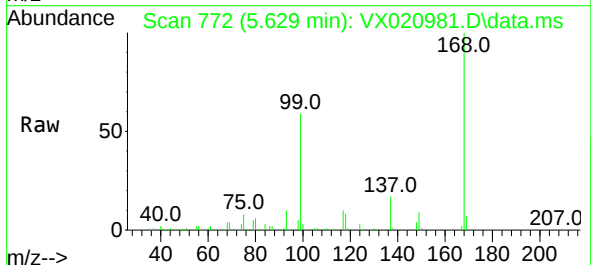
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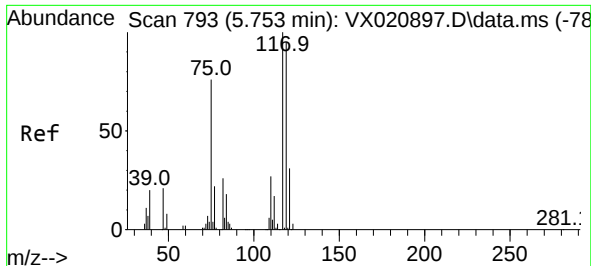
Tgt Ion:113 Resp: 113734
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

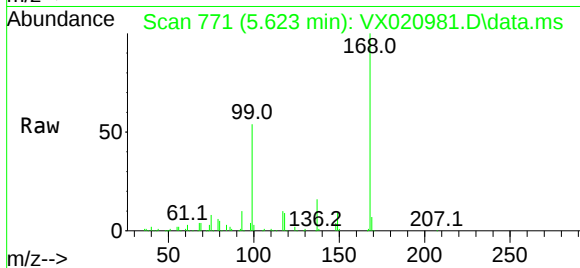
Tgt Ion: 75 Resp: 15060
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.4#
77 0.0 25.3 37.9#



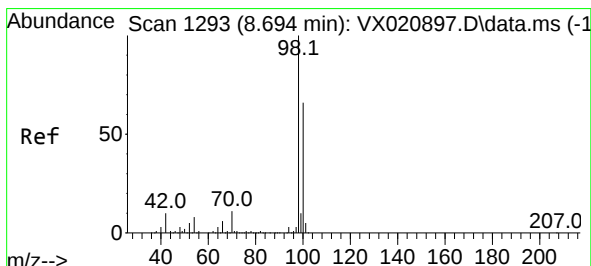
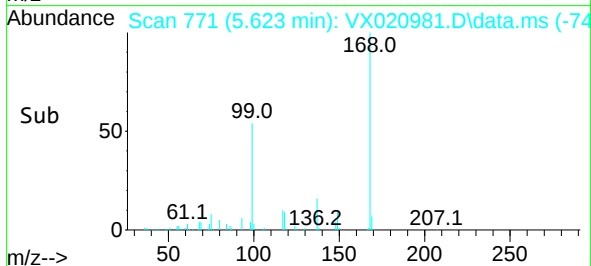
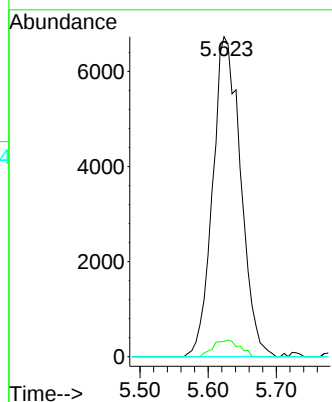


#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

Instrument :
MSVOA_X
ClientSampled :

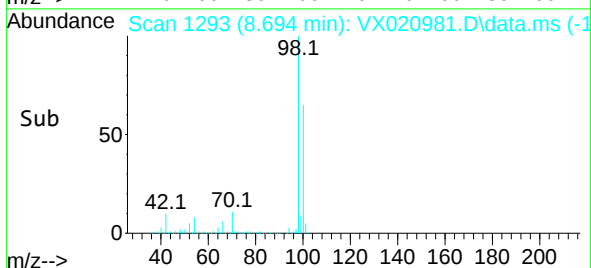
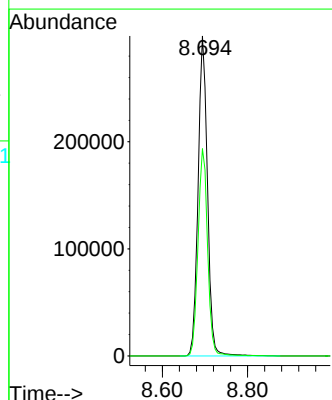
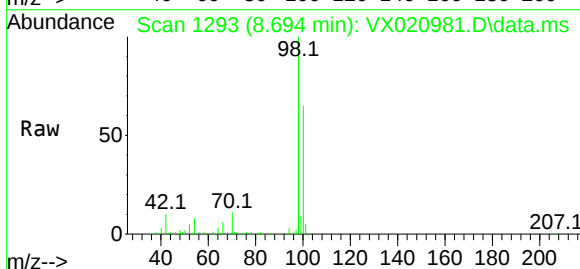


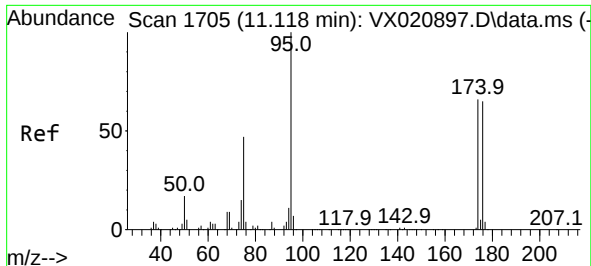
Tgt Ion:117 Resp: 19214
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.68 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

Tgt Ion: 98 Resp: 455540
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

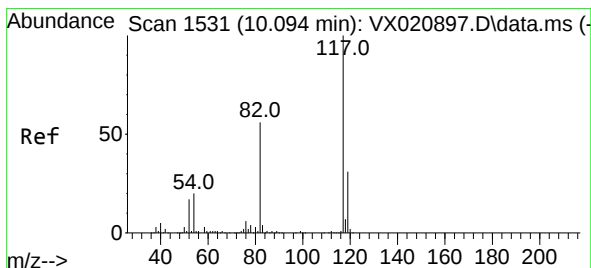
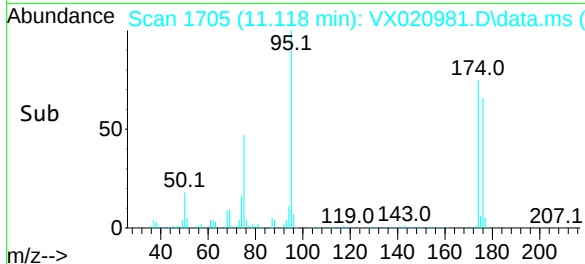
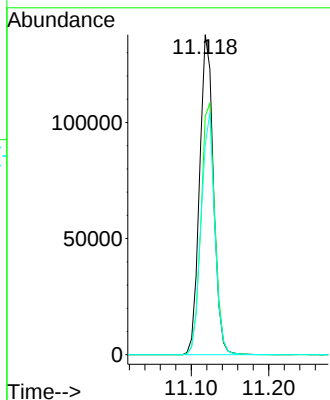
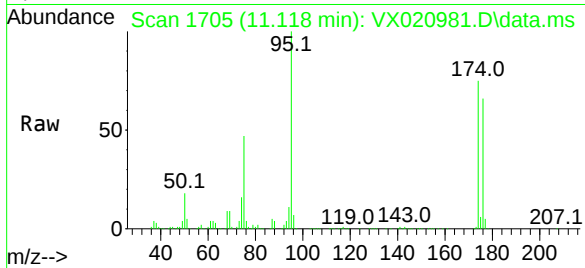




#62
4-Bromofluorobenzene
Concen: 53.57 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

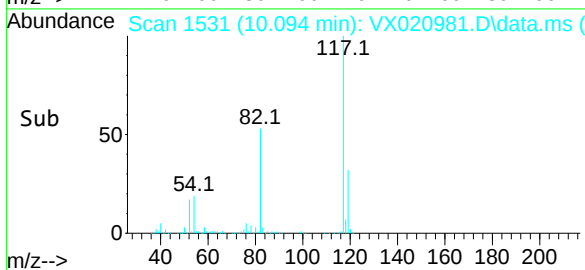
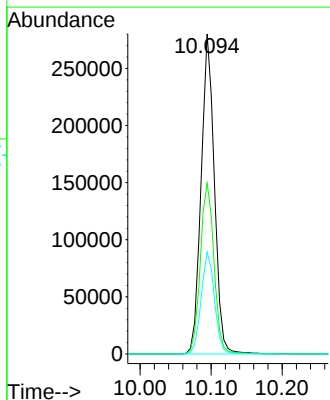
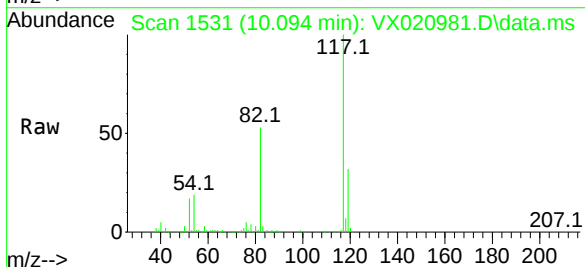
Instrument :
MSVOA_X
ClientSampled :

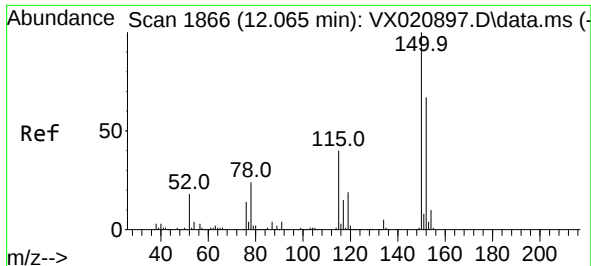
Tgt Ion: 95 Resp: 171293
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 74.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

Tgt Ion: 117 Resp: 364486
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 31.9 26.6 39.8

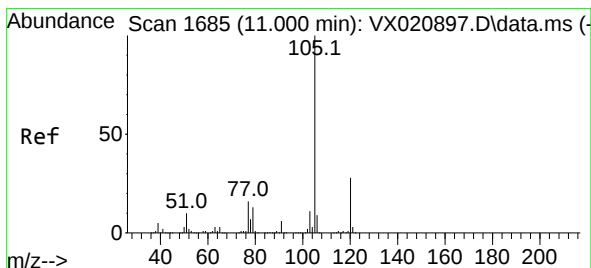
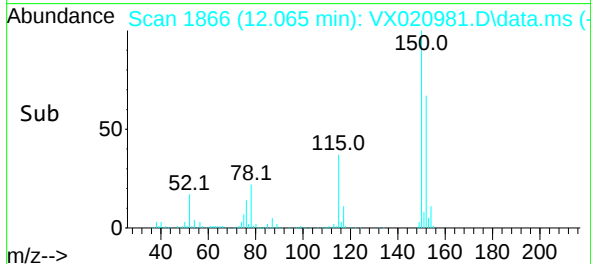
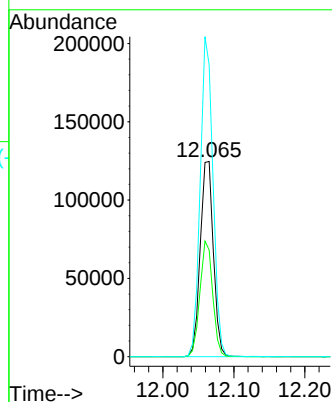
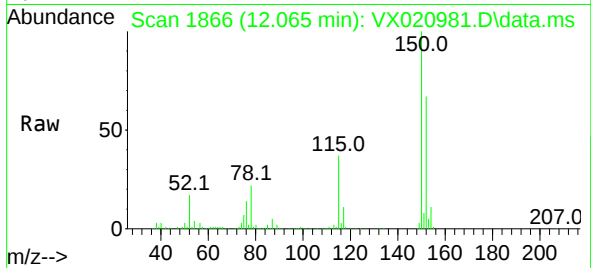




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

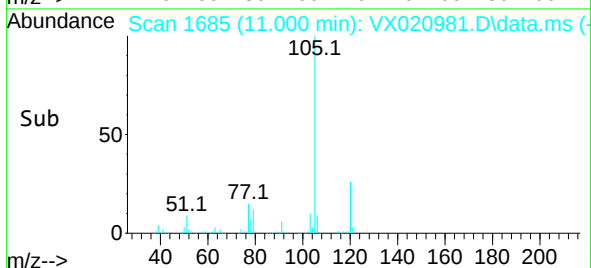
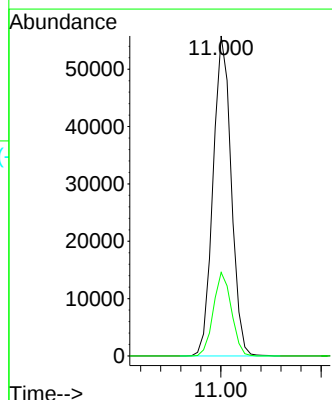
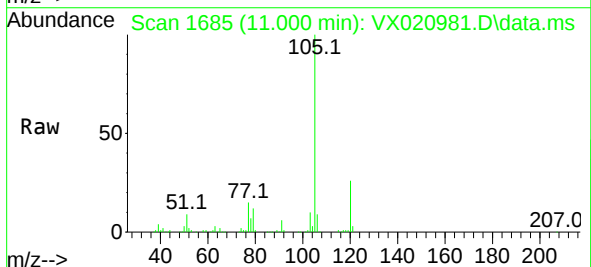
Instrument :
MSVOA_X
ClientSampled :

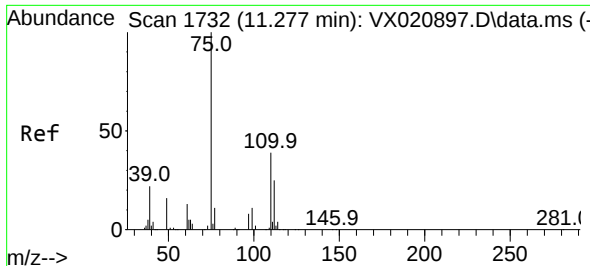
Tgt Ion:152 Resp: 161037
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 158.6 0.0 349.0



#73
Isopropylbenzene
Concen: 5.51 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

Tgt Ion:105 Resp: 70082
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6

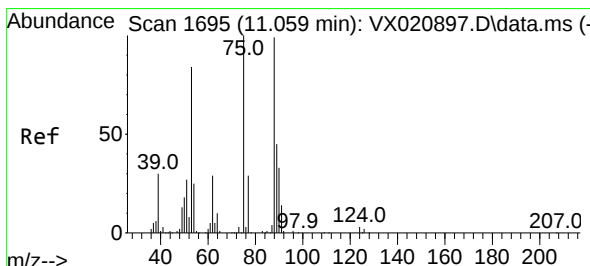
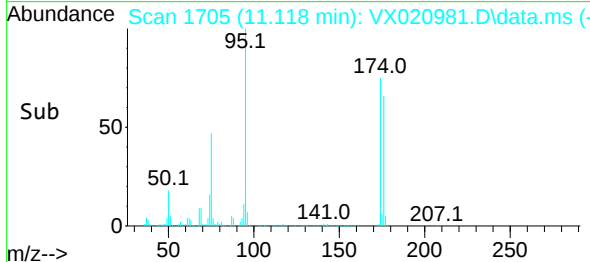
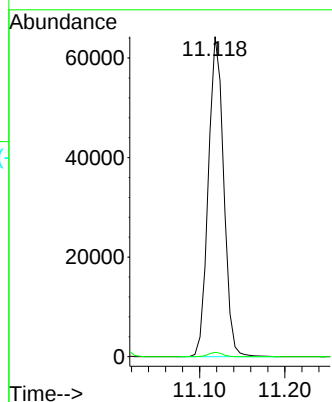
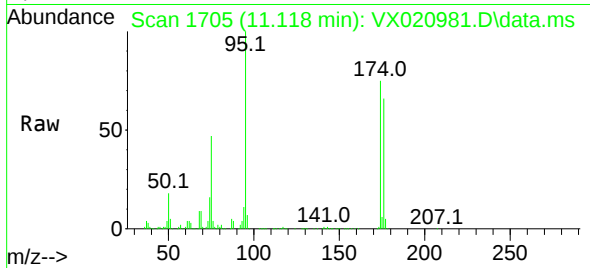




#76
1,2,3-Trichloropropane
Concen: 23.28 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 80661
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.55 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020981.D
Acq: 02 Mar 2021 21:47

Tgt Ion: 75 Resp: 80661
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

