

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021112.D
 Acq On : 09 Mar 2021 16:32
 Operator : JC/MD
 Sample : M1596-18 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:32:40 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)

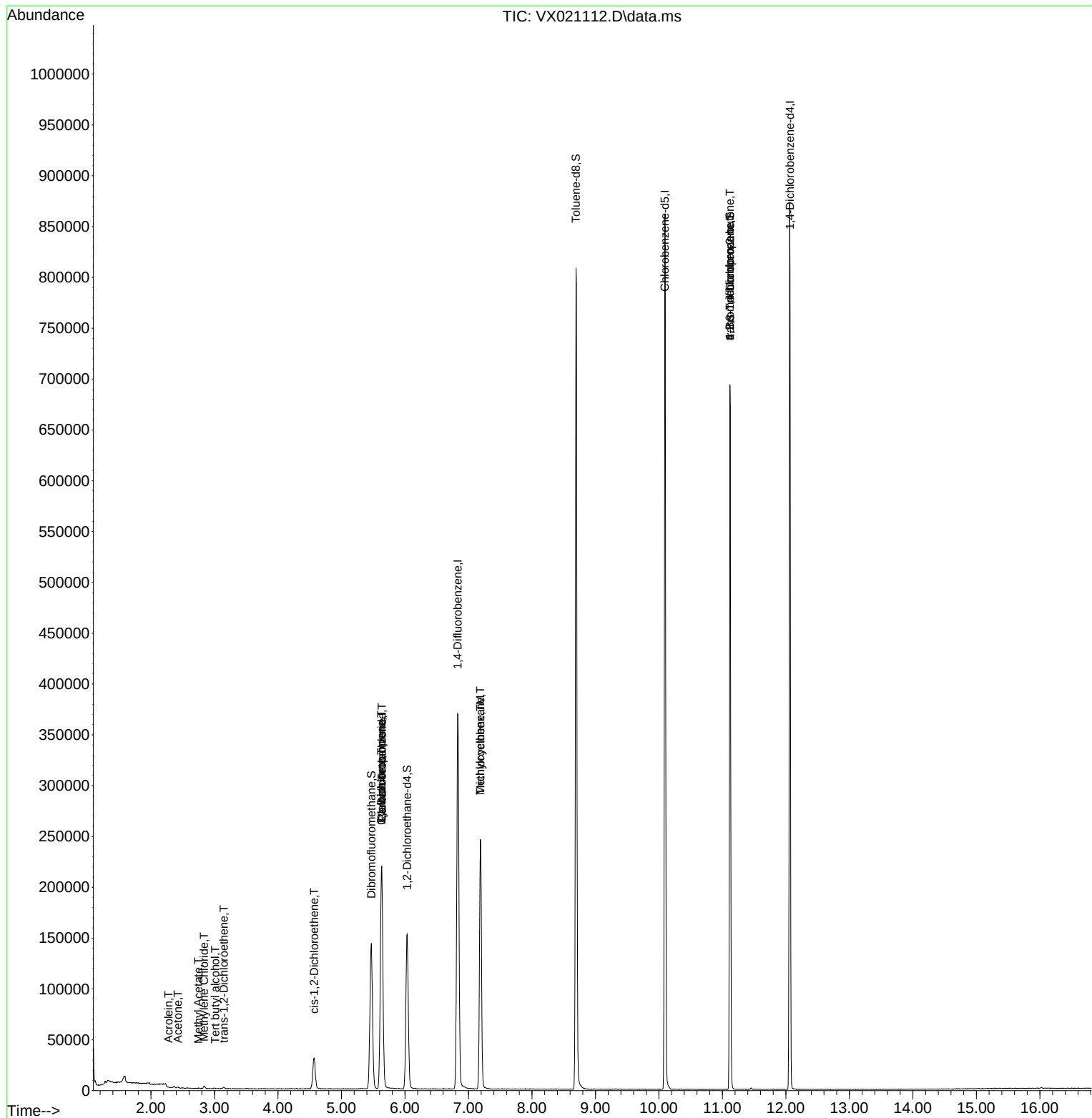
Internal Standards						
1) Pentafluorobenzene	5.635	168	216511	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	397562	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	400678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	181742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	146020	49.93	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.86%
35) Dibromofluoromethane	5.470	113	124008	51.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.68%
50) Toluene-d8	8.694	98	509894	54.14	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.28%
62) 4-Bromofluorobenzene	11.118	95	196587	56.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.90%
Target Compounds						Qvalue
5) Bromomethane	1.640	94	368	Below Cal		82
11) Tert butyl alcohol	3.011	59	248	0.38 ug/l #		73
13) Acrolein	2.276	56	93	0.23 ug/l #		14
16) Acetone	2.423	43	870	0.72 ug/l		100
18) Methyl Acetate	2.746	43	618	0.22 ug/l #		71
20) Methylene Chloride	2.835	84	1242	0.43 ug/l #		80
21) trans-1,2-Dichloroethene	3.146	96	663	0.24 ug/l #		77
27) cis-1,2-Dichloroethene	4.570	96	20499	6.54 ug/l		89
31) Cyclohexane	5.629	56	4238	1.00 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	16153	4.27 ug/l #		48
38) Carbon Tetrachloride	5.635	117	20165	5.51 ug/l #		17
39) Methylcyclohexane	7.188	83	1219	0.26 ug/l #		1
44) Trichloroethene	7.188	130	99266	33.33 ug/l		98
76) 1,2,3-Trichloropropane	11.118	75	96083	24.58 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	96083	54.41 ug/l #		12

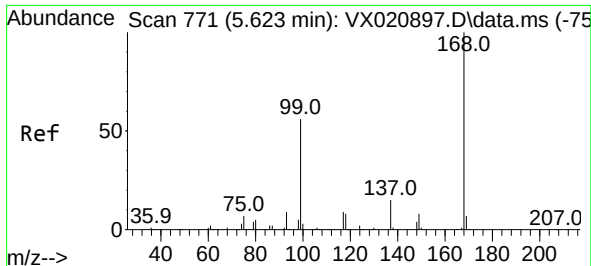
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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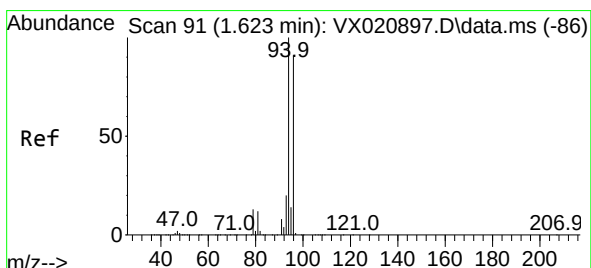
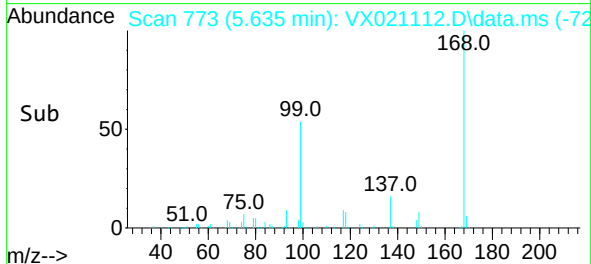
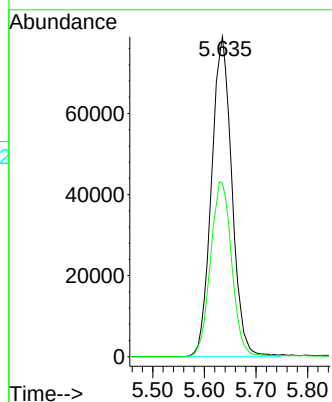
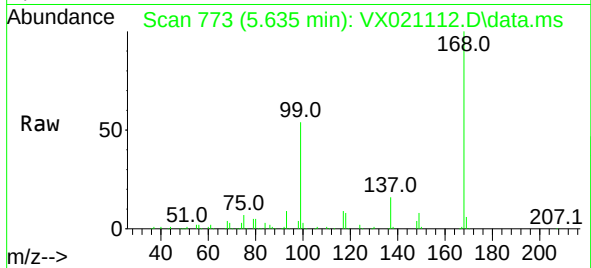




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

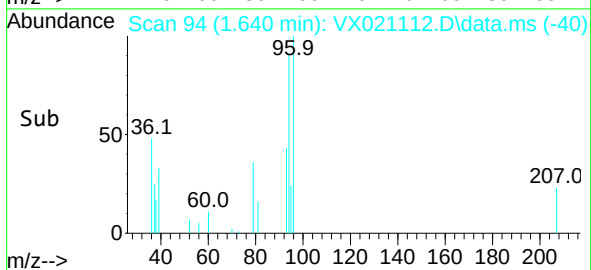
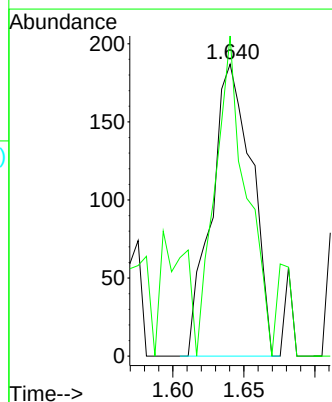
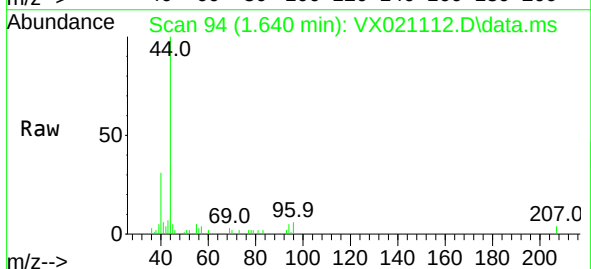
Instrument :
MSVOA_X
ClientSampleId :

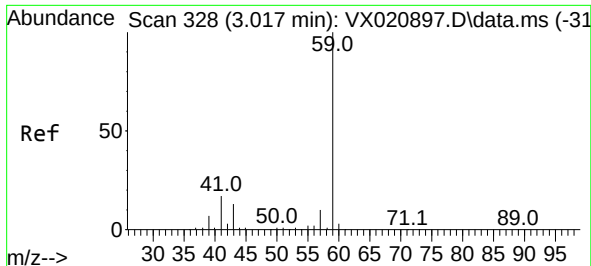
Tgt Ion:168 Resp: 216511
Ion Ratio Lower Upper
168 100
99 54.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

Tgt Ion: 94 Resp: 368
Ion Ratio Lower Upper
94 100
96 78.1 76.4 114.6

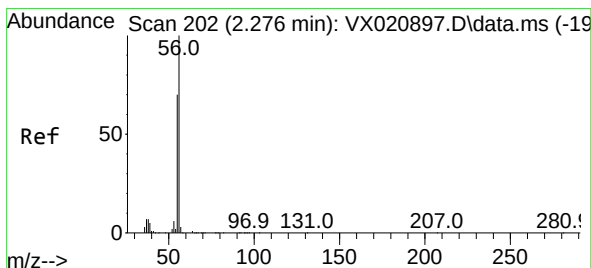
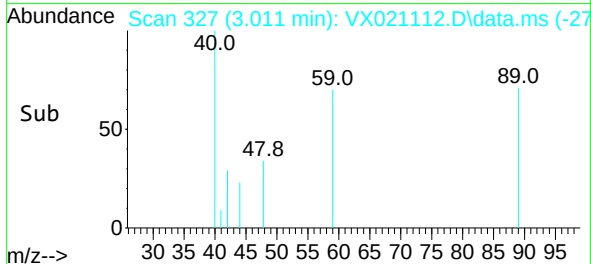
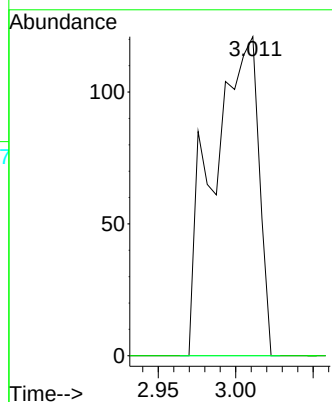
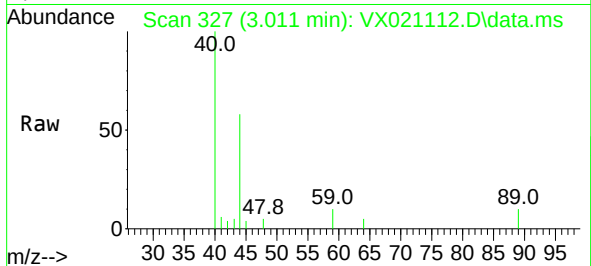




#11
Tert butyl alcohol
Concen: 0.38 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

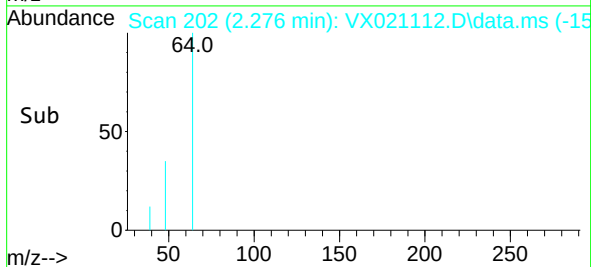
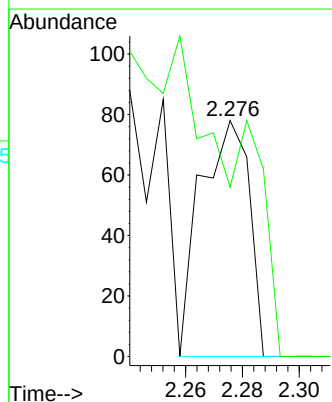
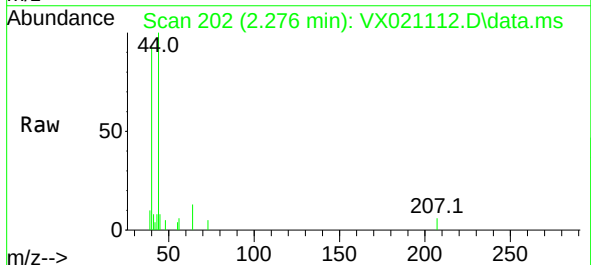
Instrument :
MSVOA_X
ClientSampled :

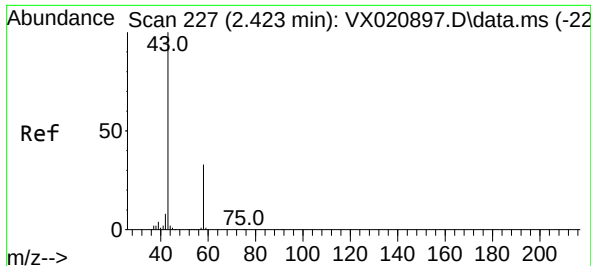
Tgt Ion: 59 Resp: 248
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.23 ug/l
RT: 2.276 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

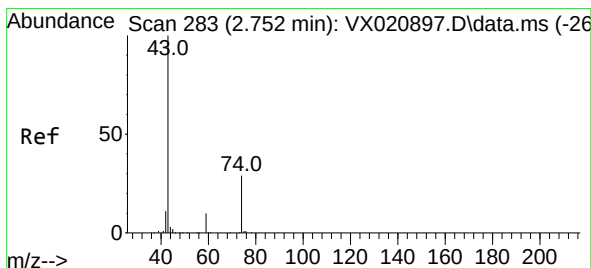
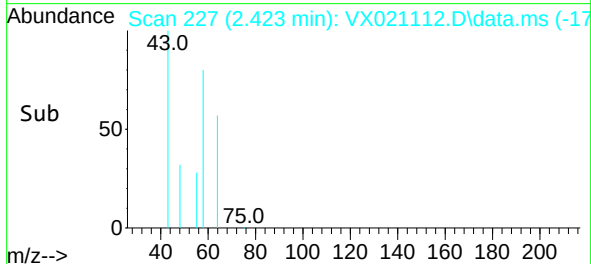
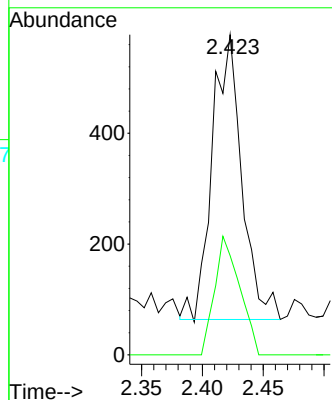
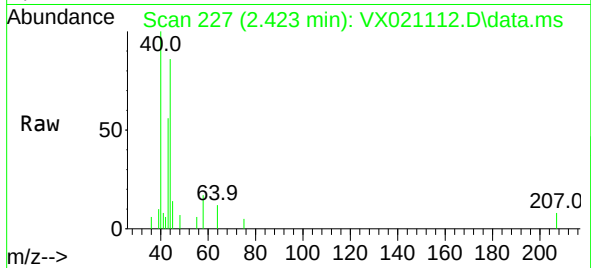




#16
Acetone
Concen: 0.72 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

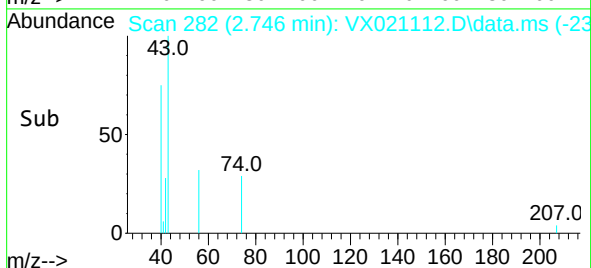
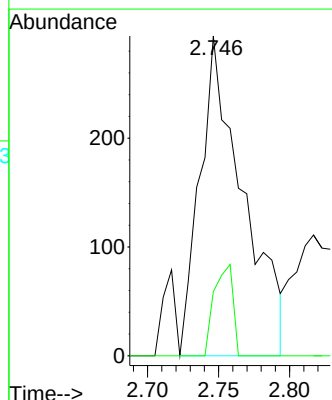
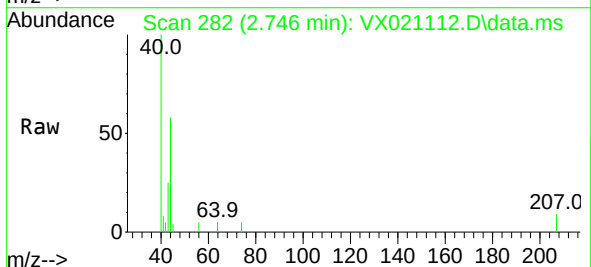
Instrument :
MSVOA_X
ClientSampled :

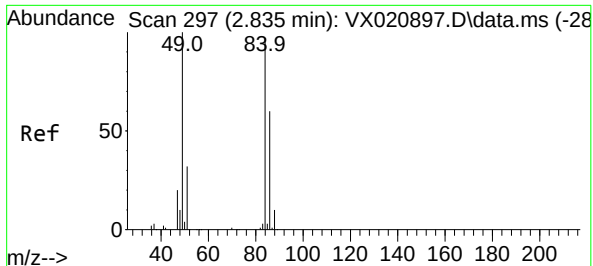
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

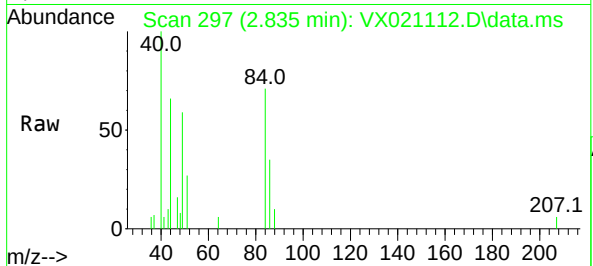
Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
74 12.5 21.9 32.9#



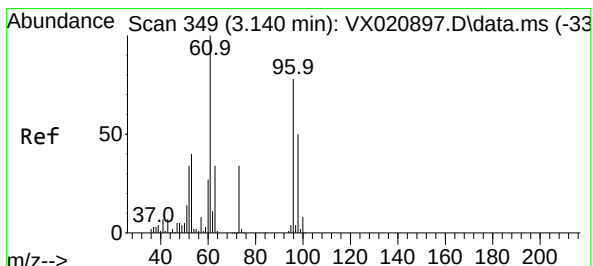
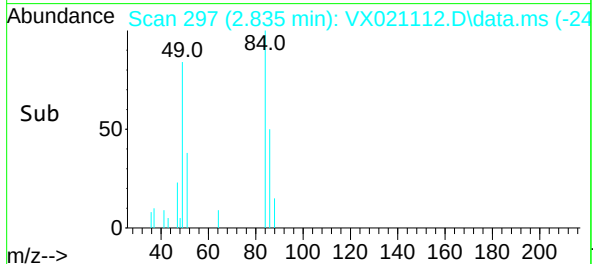
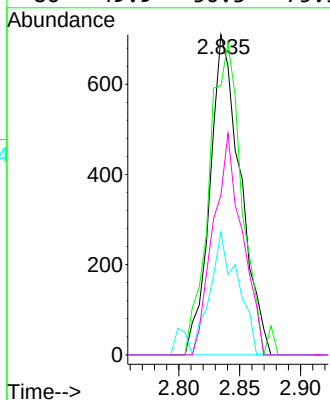


#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

Instrument :
MSVOA_X
ClientSampled :

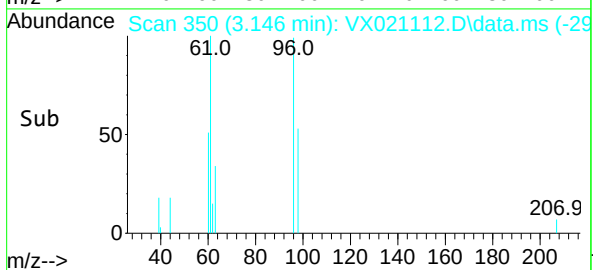
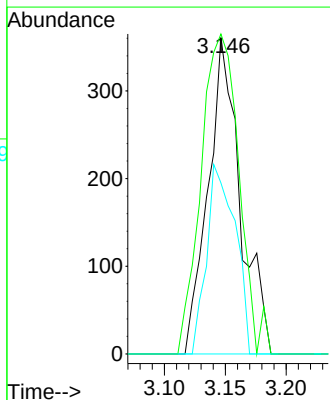
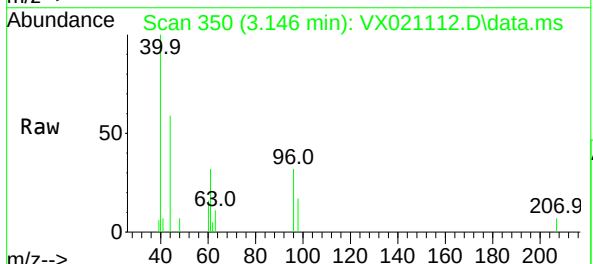


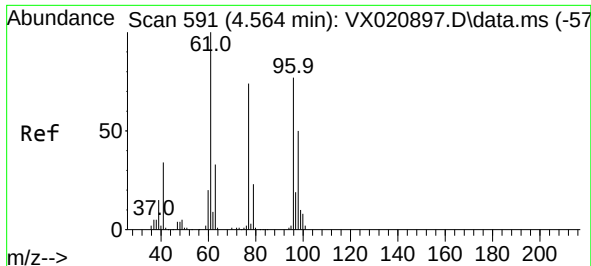
Tgt Ion:	84	Resp:	1242
Ion	Ratio	Lower	Upper
84	100		
49	84.1	88.6	132.8#
51	38.3	27.0	40.6
86	49.9	50.3	75.5#



#21
trans-1,2-Dichloroethene
Concen: 0.24 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

Tgt Ion:	96	Resp:	663
Ion	Ratio	Lower	Upper
96	100		
61	101.1	107.7	161.5#
98	54.0	50.4	75.6





#27

cis-1,2-Dichloroethene

Concen: 6.54 ug/l

RT: 4.570 min Scan# 592

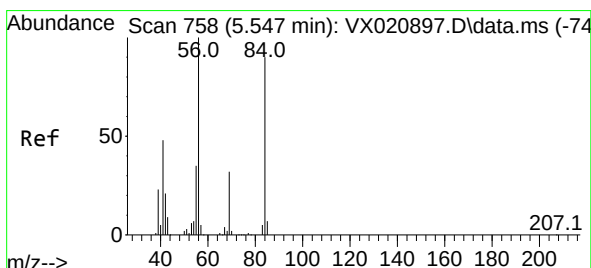
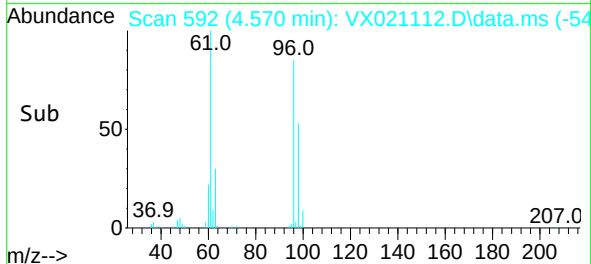
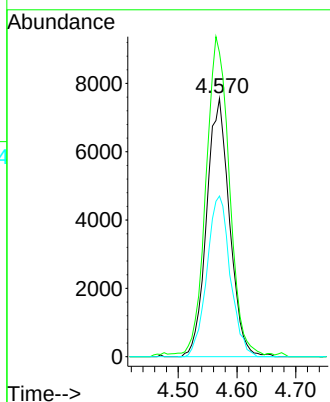
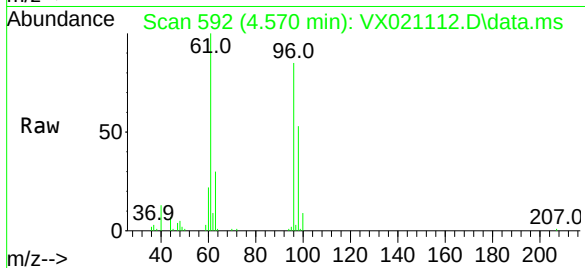
Delta R.T. 0.006 min

Lab File: VX021112.D

Acq: 09 Mar 2021 16:32

Tgt Ion:	96	Resp:	20499
Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	285.6
98	63.1	0.0	129.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.00 ug/l

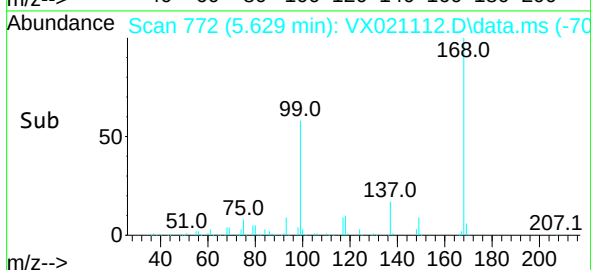
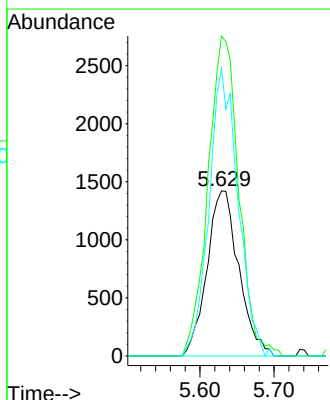
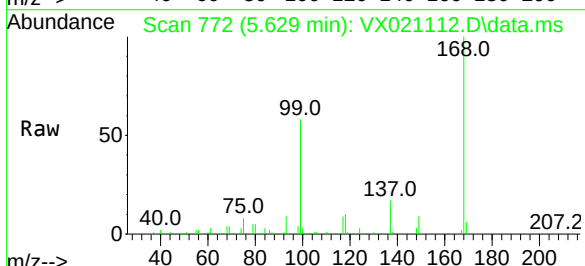
RT: 5.629 min Scan# 772

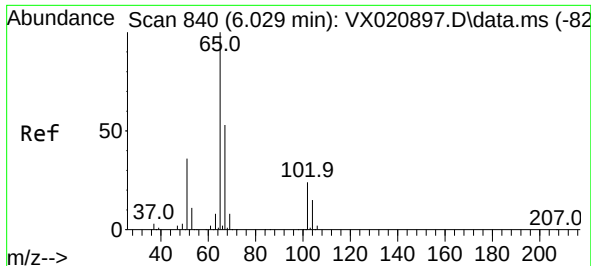
Delta R.T. 0.082 min

Lab File: VX021112.D

Acq: 09 Mar 2021 16:32

Tgt Ion:	56	Resp:	4238
Ion	Ratio	Lower	Upper
56	100		
69	193.9	25.3	37.9#
84	174.0	71.4	107.0#

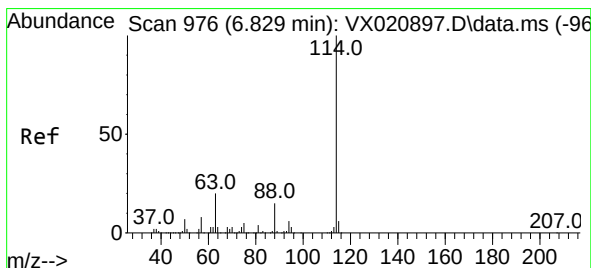
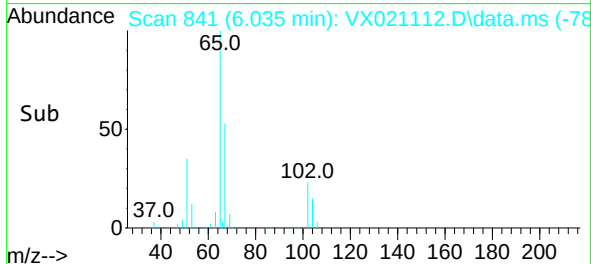
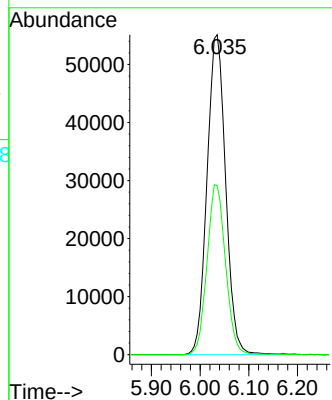
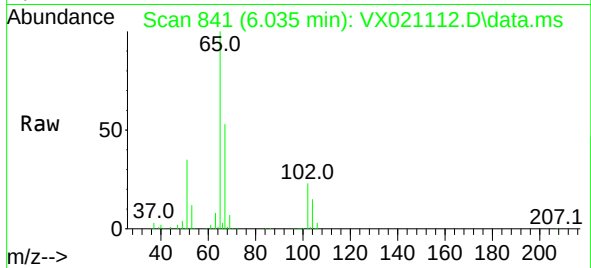




#33
 1,2-Dichloroethane-d4
 Concen: 49.93 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021112.D
 Acq: 09 Mar 2021 16:32

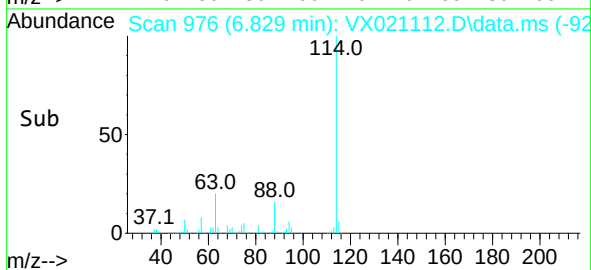
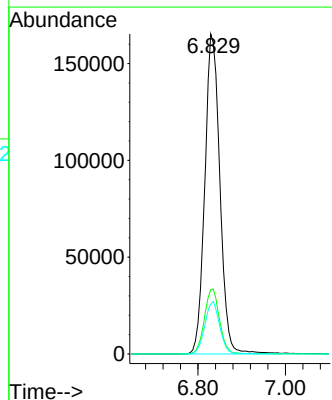
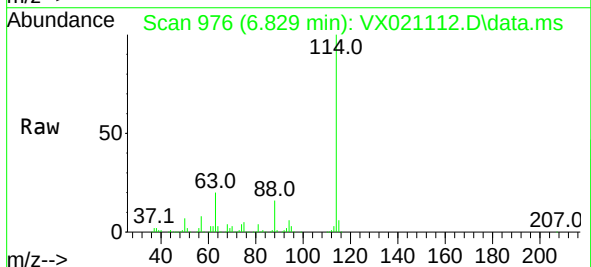
Instrument :
 MSVOA_X
 ClientSampled :

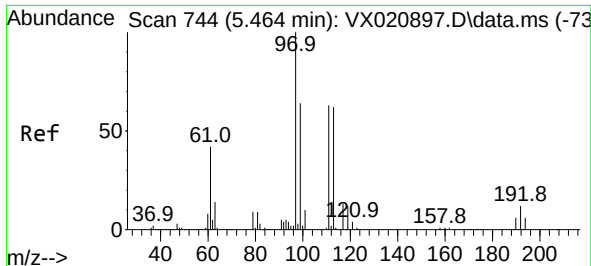
Tgt Ion: 65 Resp: 146020
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021112.D
 Acq: 09 Mar 2021 16:32

Tgt Ion: 114 Resp: 397562
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.6 0.0 32.8

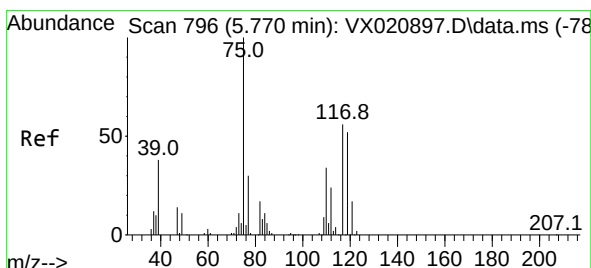
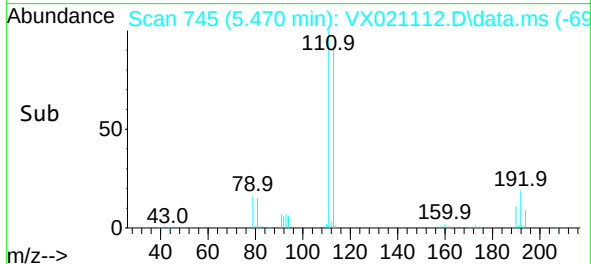
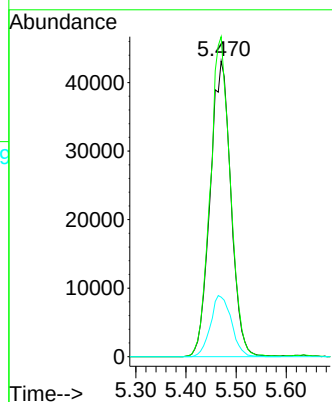
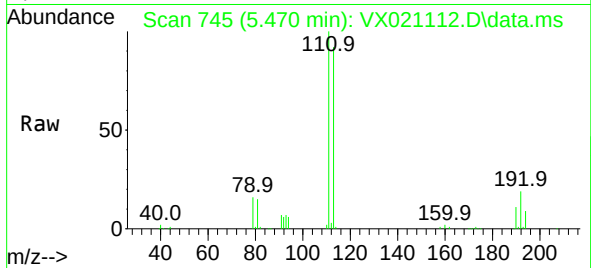




#35
Dibromofluoromethane
Concen: 51.34 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

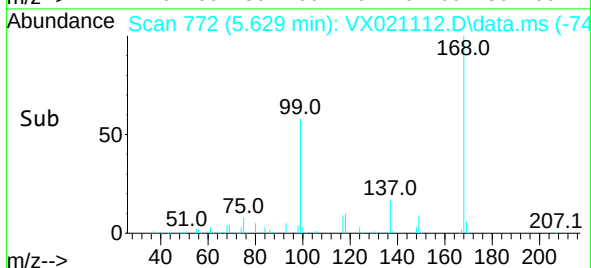
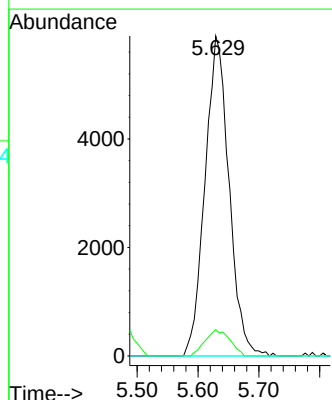
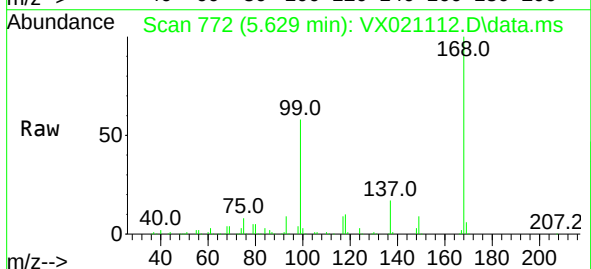
Instrument :
MSVOA_X
ClientSampleId :

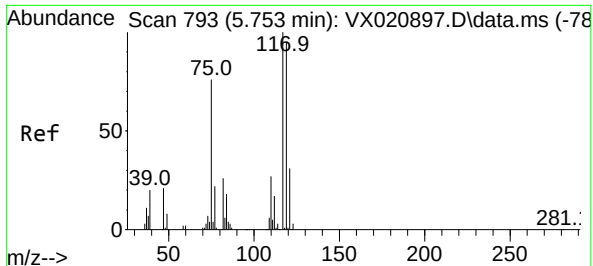
Tgt Ion:113 Resp: 124008
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

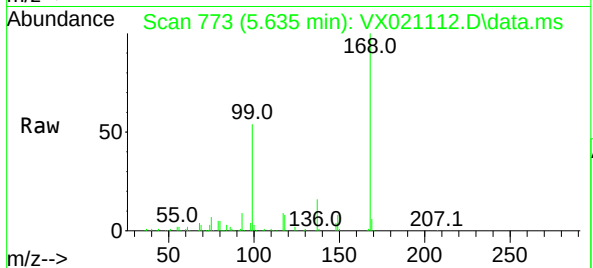
Tgt Ion: 75 Resp: 16153
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



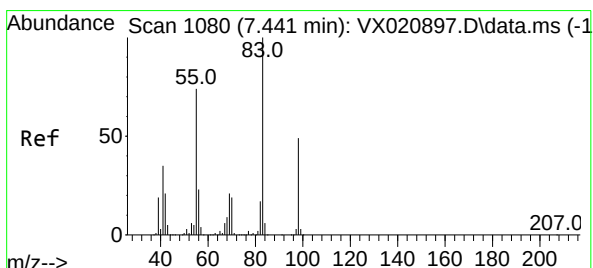
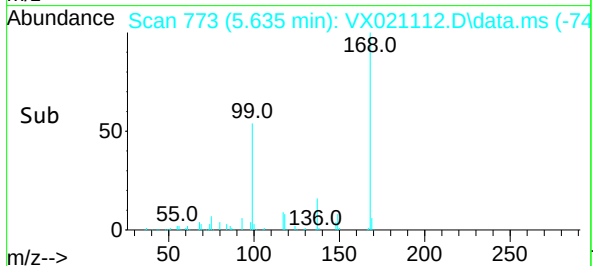
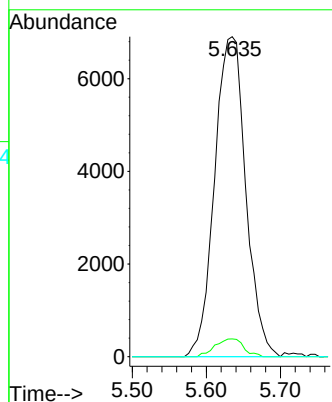


#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

Instrument :
MSVOA_X
ClientSampleId :

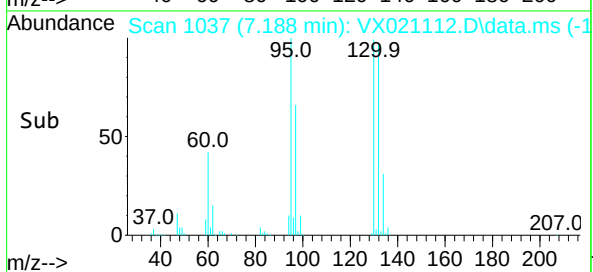
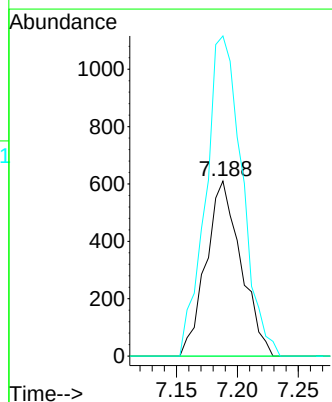
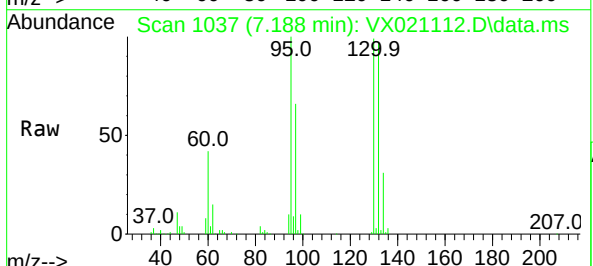


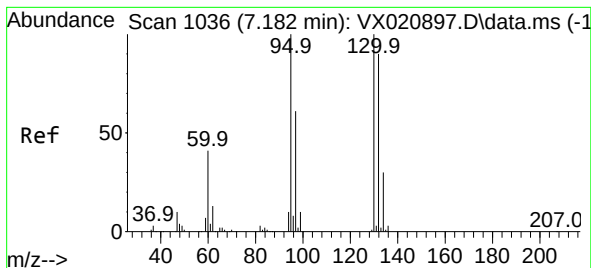
Tgt Ion:117 Resp: 20165
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.26 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.253 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

Tgt Ion: 83 Resp: 1219
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 183.0 38.1 57.1#

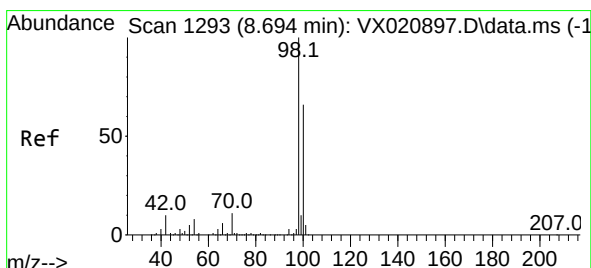
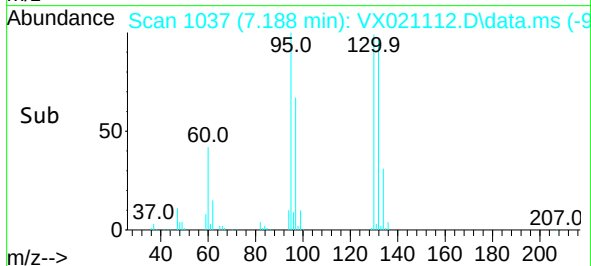
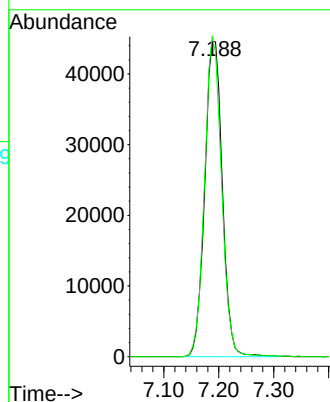
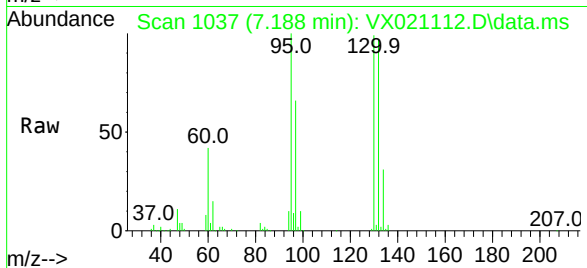




#44
Trichloroethene
Concen: 33.33 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

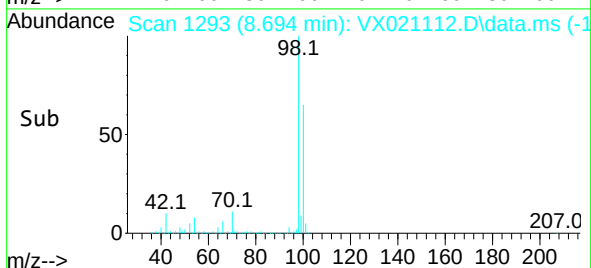
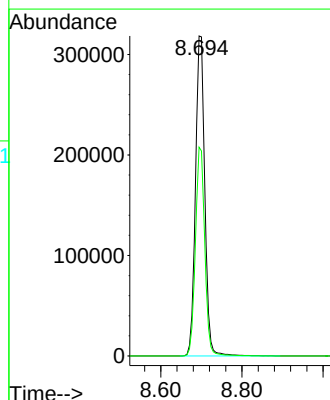
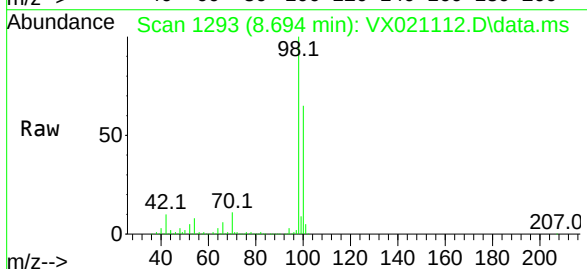
Instrument :
MSVOA_X
ClientSampled :

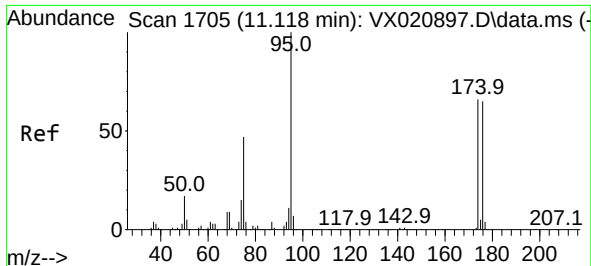
Tgt Ion:130 Resp: 99266
Ion Ratio Lower Upper
130 100
95 101.4 0.0 198.0



#50
Toluene-d8
Concen: 54.14 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

Tgt Ion: 98 Resp: 509894
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

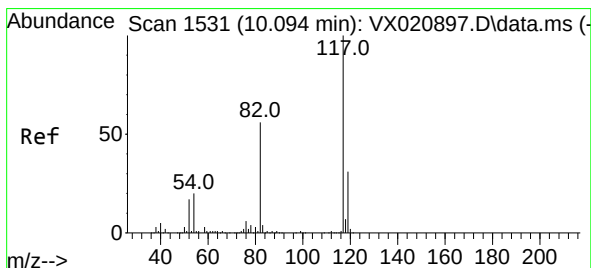
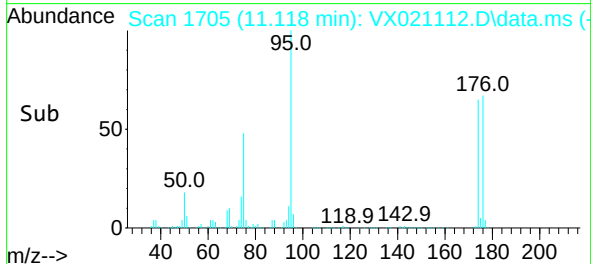
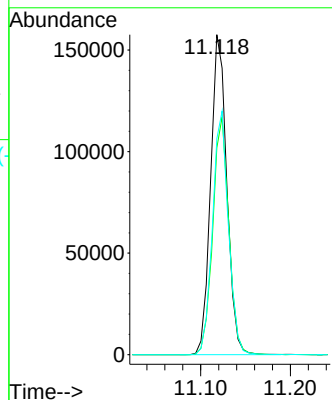
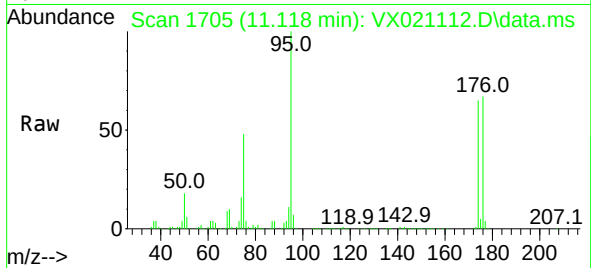




#62
4-Bromofluorobenzene
Concen: 56.45 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

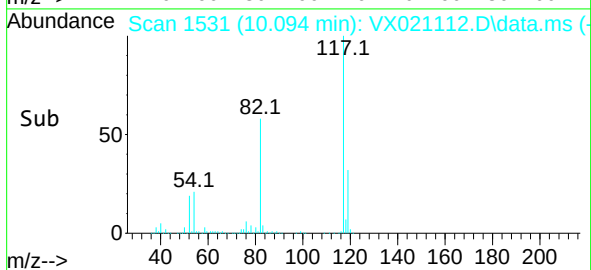
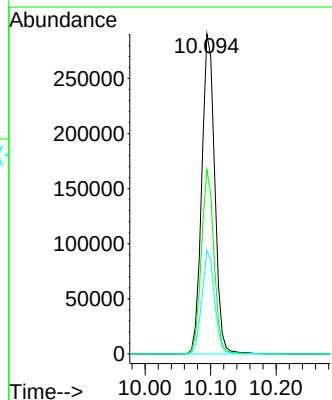
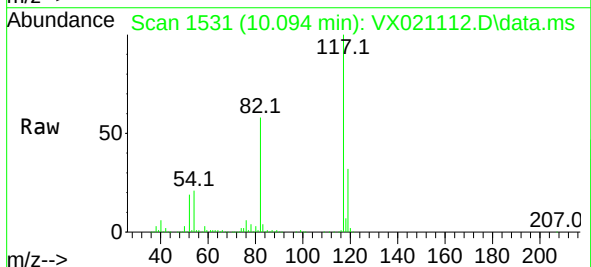
Instrument :
MSVOA_X
ClientSampleId :

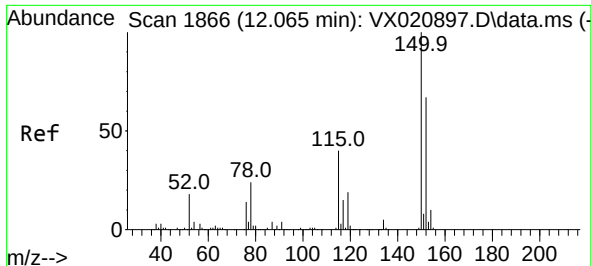
Tgt Ion: 95 Resp: 196587
Ion Ratio Lower Upper
95 100
174 74.0 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021112.D
Acq: 09 Mar 2021 16:32

Tgt Ion: 117 Resp: 400678
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.3 26.6 39.8

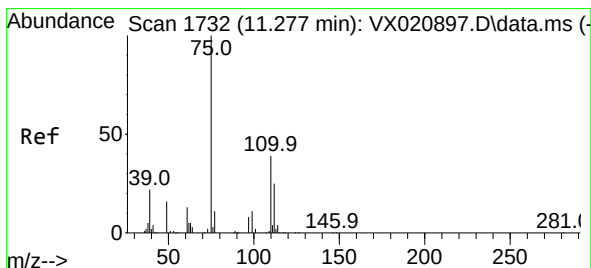
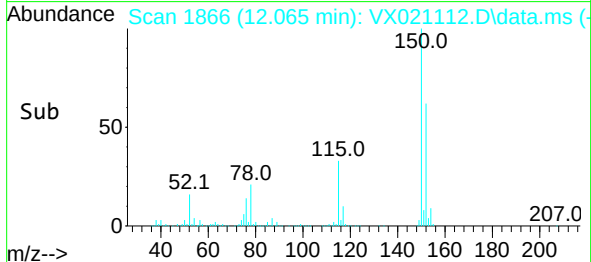
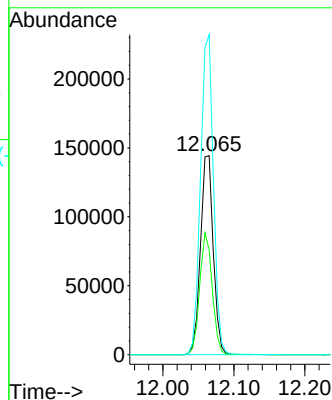
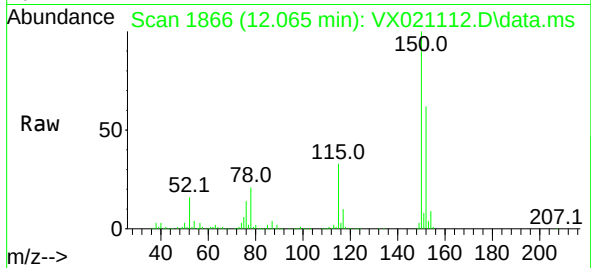




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. 0.000 min
 Lab File: VX021112.D
 Acq: 09 Mar 2021 16:32

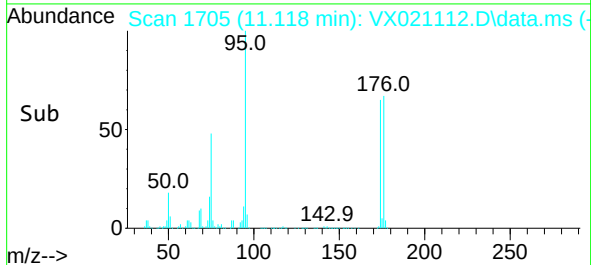
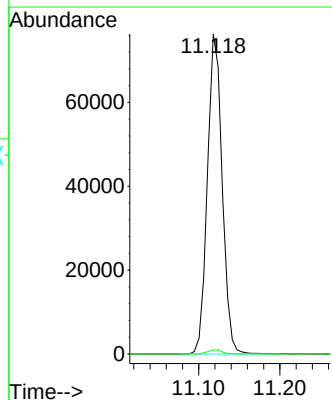
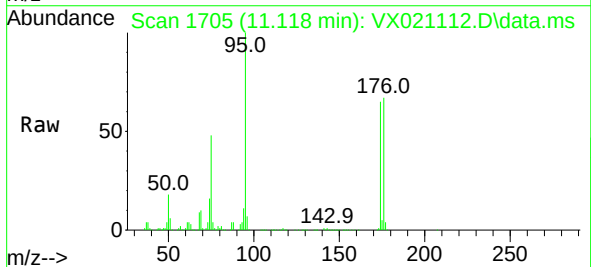
Instrument :
 MSVOA_X
 ClientSampled :

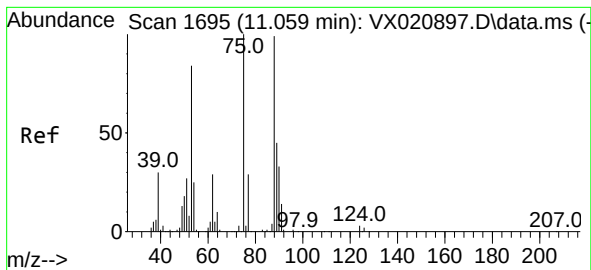
Tgt Ion:152 Resp: 181742
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 161.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.58 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021112.D
 Acq: 09 Mar 2021 16:32

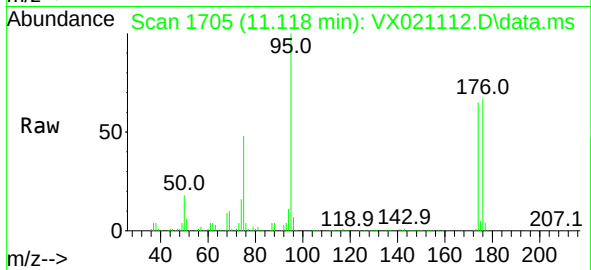
Tgt Ion: 75 Resp: 96083
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.41 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021112.D
 Acq: 09 Mar 2021 16:32

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 96083
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

