

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021116.D
 Acq On : 09 Mar 2021 17:57
 Operator : JC/MD
 Sample : M1596-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20210305

Quant Time: Mar 10 00:33:45 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)

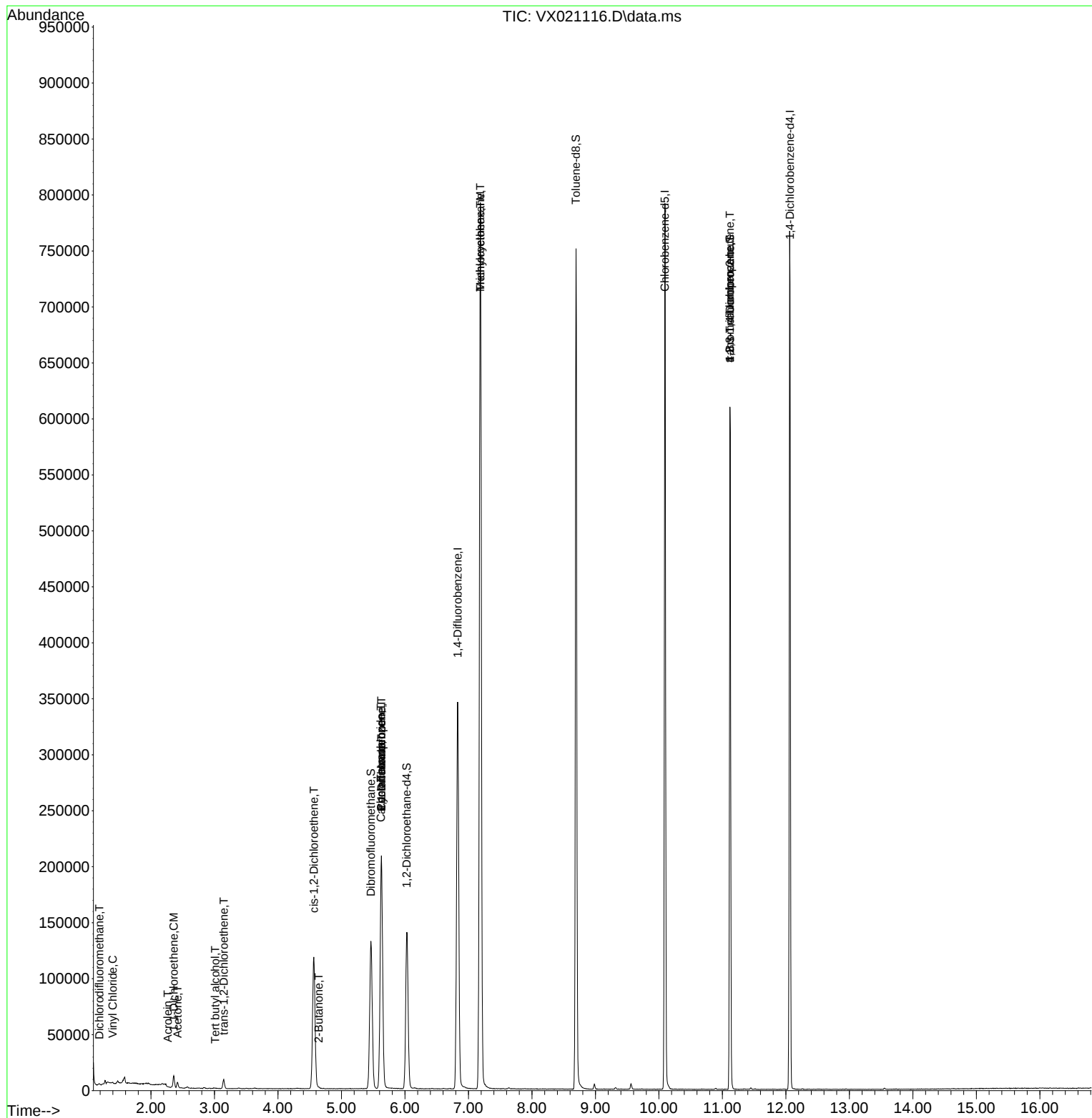
Internal Standards						
1) Pentafluorobenzene	5.629	168	200463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	368275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	355946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	163729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	134995	49.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.72%		
35) Dibromofluoromethane	5.464	113	114769	51.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.58%		
50) Toluene-d8	8.694	98	458571	52.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.12%		
62) 4-Bromofluorobenzene	11.118	95	176005	54.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	646	0.30	ug/l	92
4) Vinyl Chloride	1.399	62	647	0.23	ug/l #	67
5) Bromomethane	1.640	94	262	Below Cal		85
11) Tert butyl alcohol	3.011	59	535	0.89	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	3567	1.59	ug/l	90
13) Acrolein	2.264	56	309	0.83	ug/l #	61
16) Acetone	2.417	43	5550	4.97	ug/l	100
21) trans-1,2-Dichloroethene	3.146	96	3397	1.35	ug/l	95
25) 2-Butanone	4.641	43	1708	1.01	ug/l #	83
27) cis-1,2-Dichloroethene	4.564	96	78520	27.04	ug/l	89
31) Cyclohexane	5.629	56	3817	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	14686	4.20	ug/l #	49
38) Carbon Tetrachloride	5.623	117	18938	5.58	ug/l #	16
39) Methylcyclohexane	7.188	83	3866	0.88	ug/l #	1
44) Trichloroethene	7.188	130	318451	115.44	ug/l	100
76) 1,2,3-Trichloropropane	11.118	75	83533	23.72	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	83533	52.51	ug/l #	12

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

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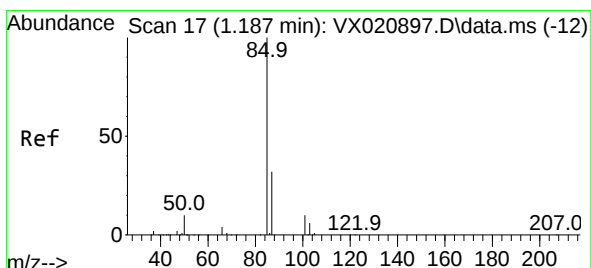
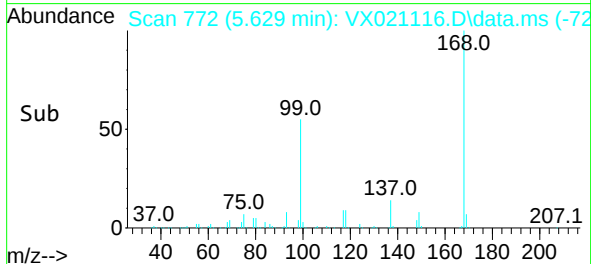
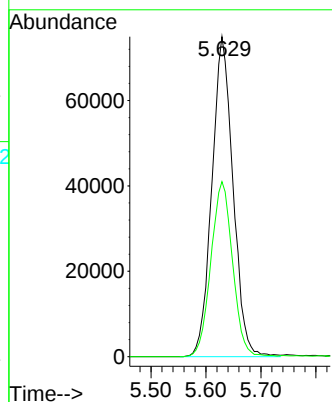
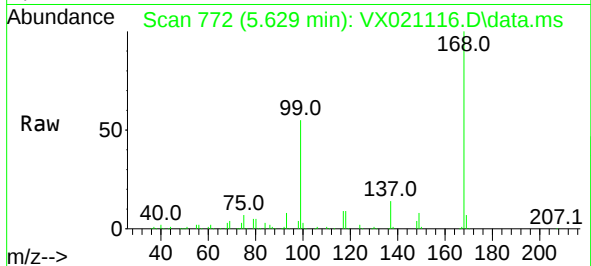




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

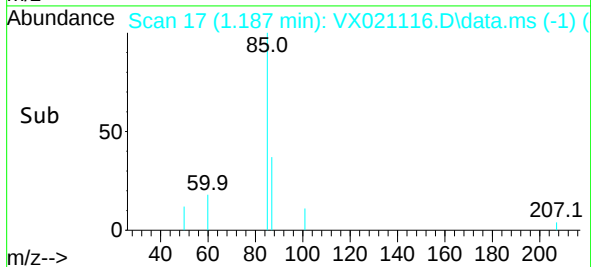
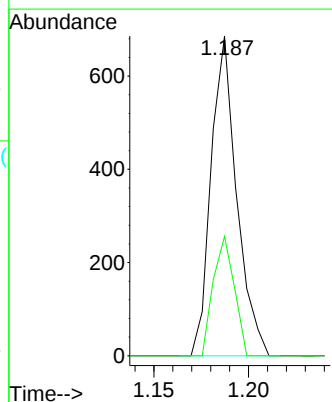
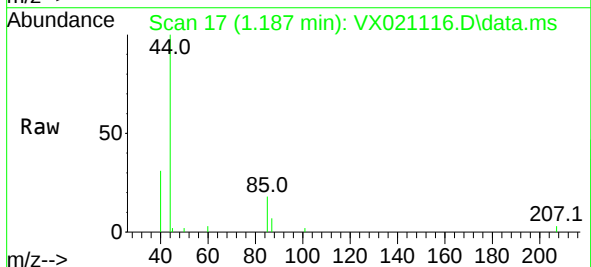
Instrument :
MSVOA_X
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MH-140B-20210305

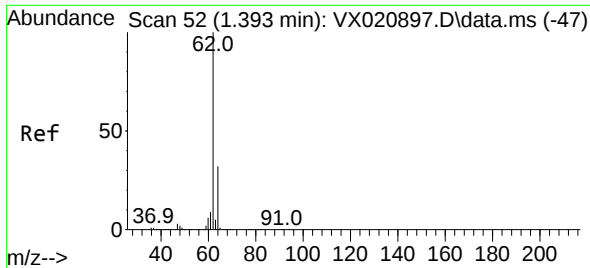
Tgt Ion:168 Resp: 200463
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.30 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Tgt Ion: 85 Resp: 646
Ion Ratio Lower Upper
85 100
87 37.3 16.4 49.2

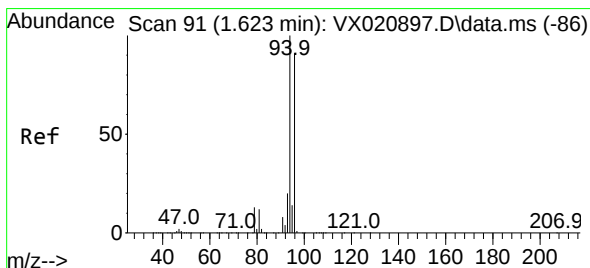
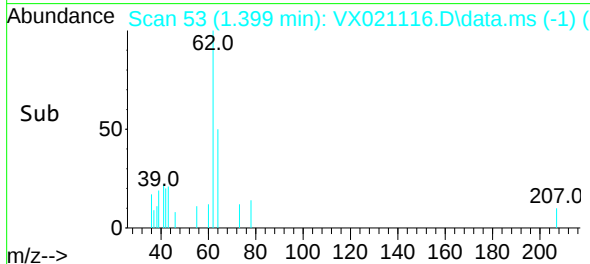
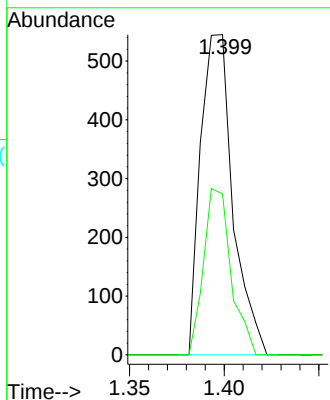
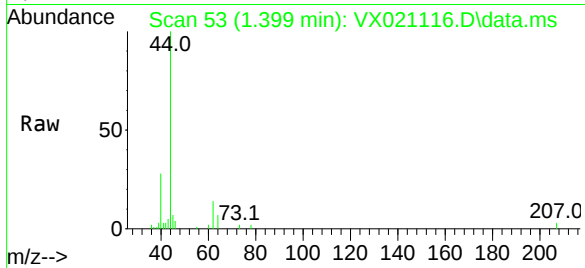




#4
 Vinyl Chloride
 Concen: 0.23 ug/l
 RT: 1.399 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: VX021116.D
 Acq: 09 Mar 2021 17:57

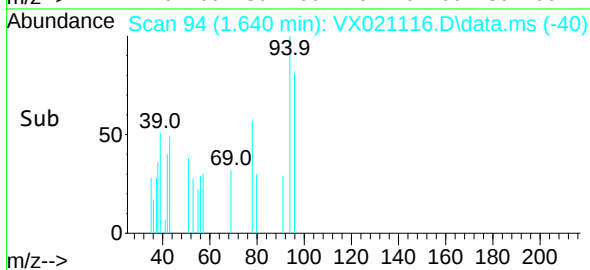
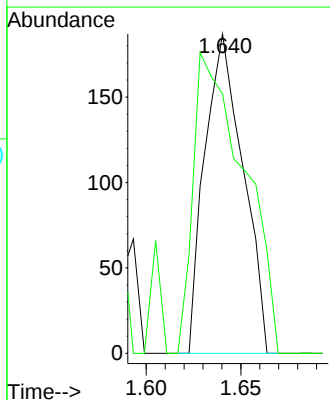
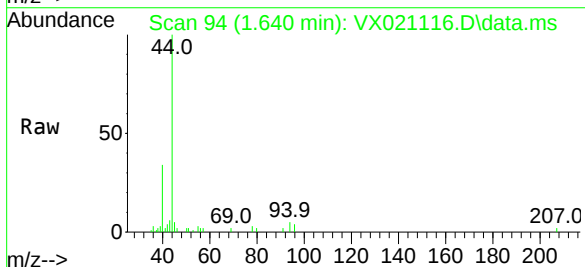
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20210305

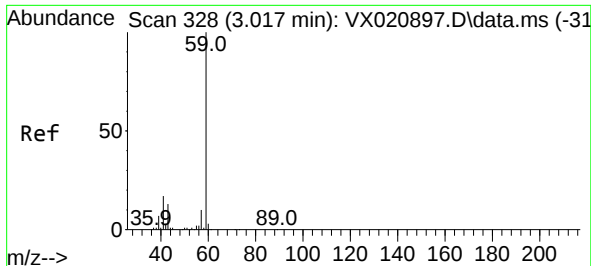
Tgt Ion: 62 Resp: 647
 Ion Ratio Lower Upper
 62 100
 64 50.3 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.640 min Scan# 94
 Delta R.T. 0.017 min
 Lab File: VX021116.D
 Acq: 09 Mar 2021 17:57

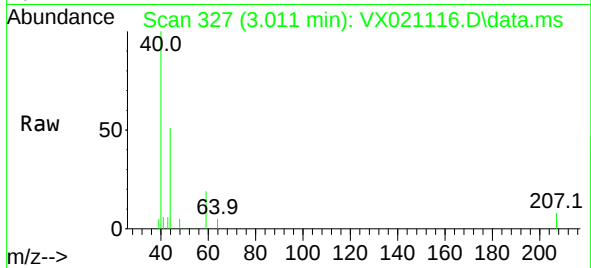
Tgt Ion: 94 Resp: 262
 Ion Ratio Lower Upper
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 96 81.3 76.4 114.6



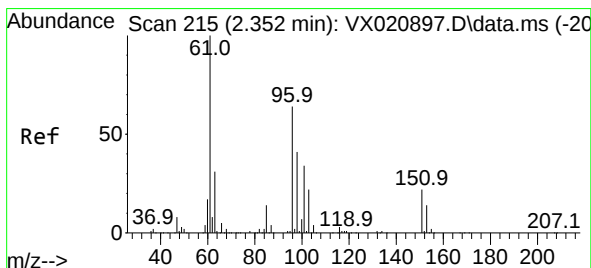
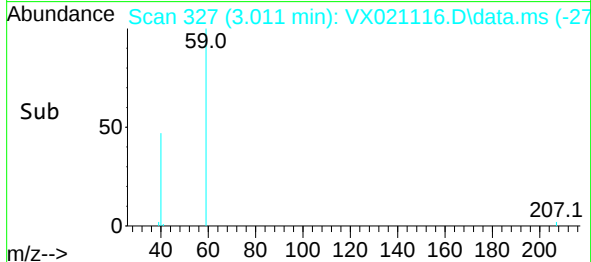
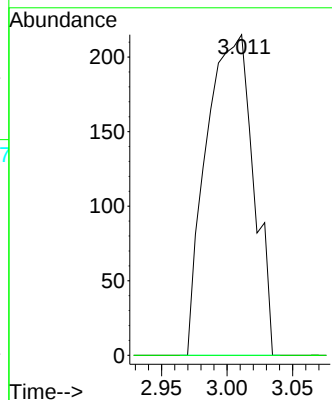


#11
Tert butyl alcohol
Concen: 0.89 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210305

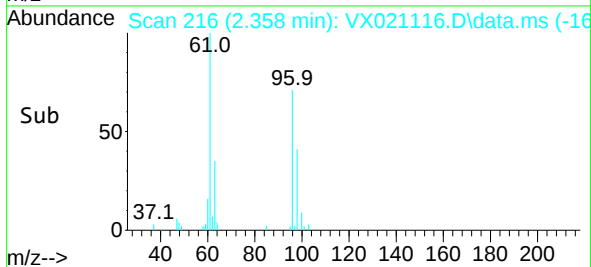
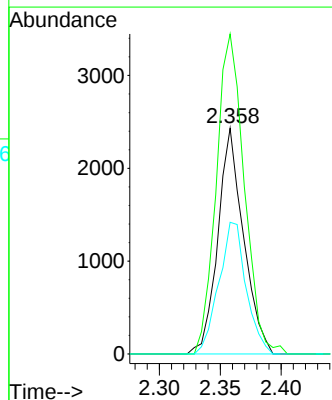
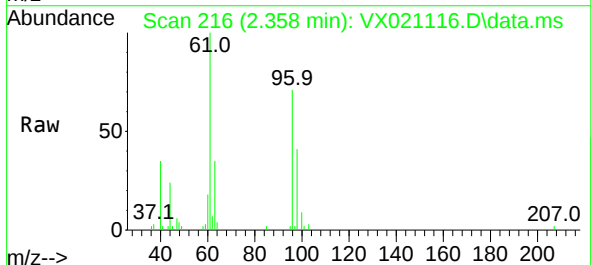


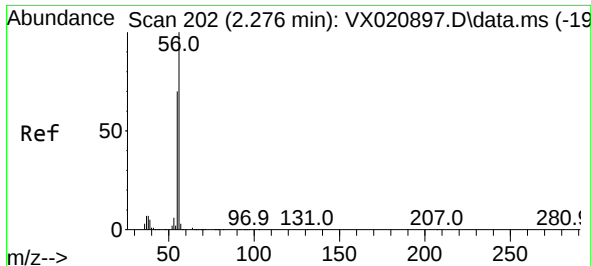
Tgt Ion: 59 Resp: 535
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.59 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Tgt Ion: 96 Resp: 3567
Ion Ratio Lower Upper
96 100
61 141.7 124.6 187.0
98 58.3 50.6 76.0

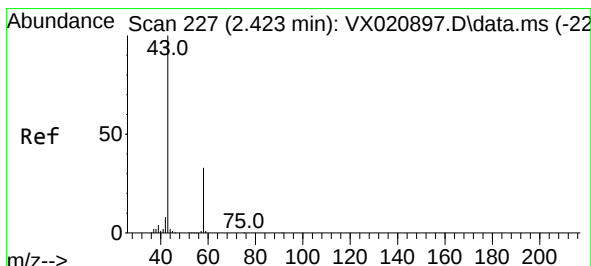
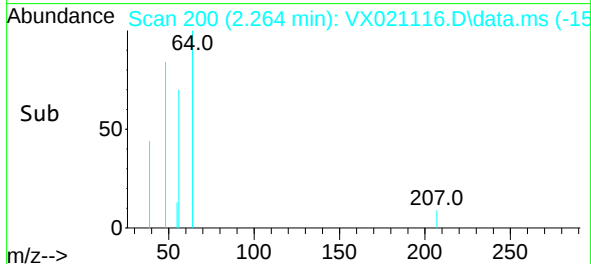
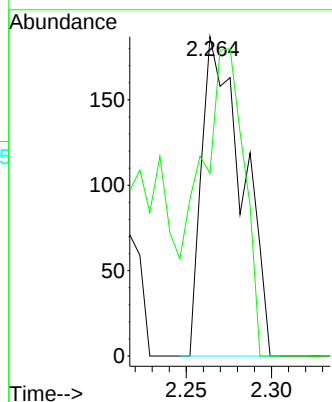
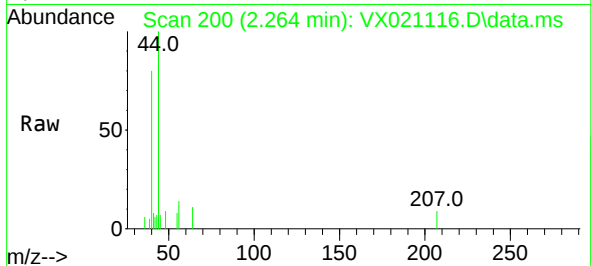




#13
Acrolein
Concen: 0.83 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

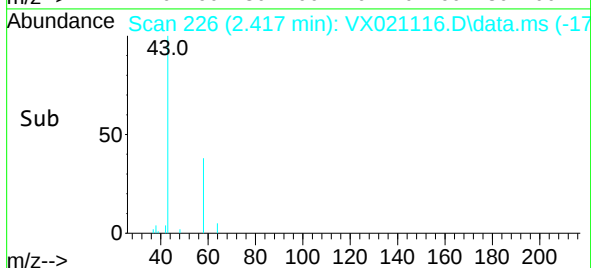
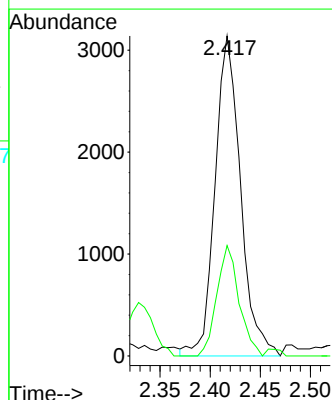
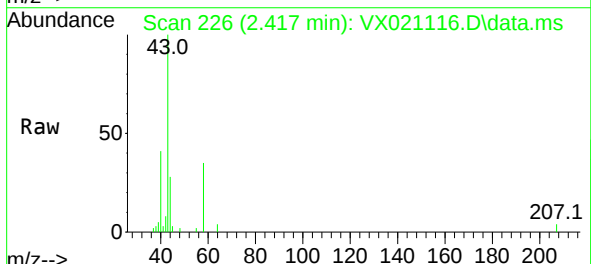
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210305

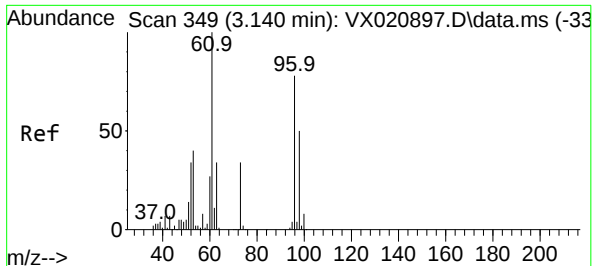
Tgt Ion: 56 Resp: 309
Ion Ratio Lower Upper
56 100
55 102.3 56.4 84.6#



#16
Acetone
Concen: 4.97 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Tgt Ion: 43 Resp: 5550
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8

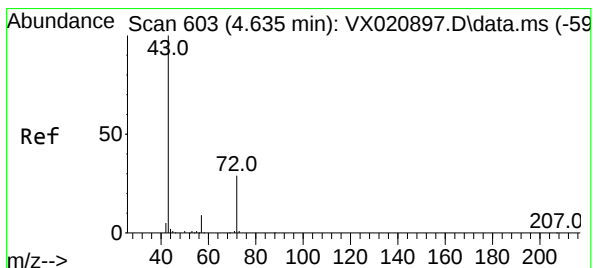
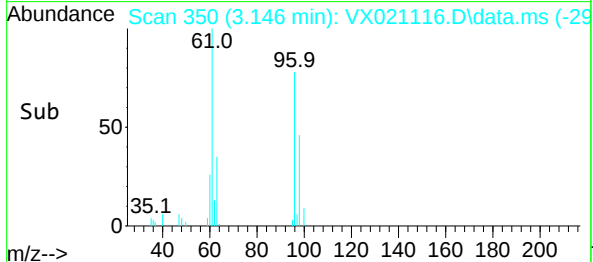
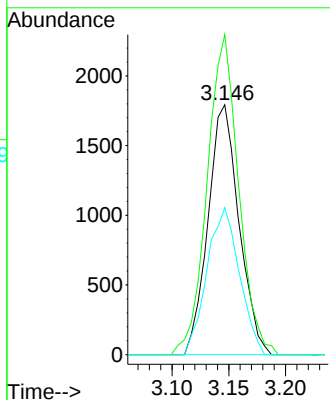
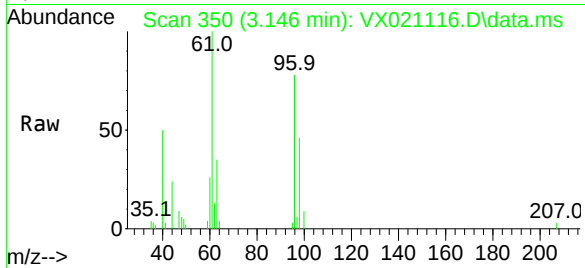




#21
trans-1,2-Dichloroethene
Concen: 1.35 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

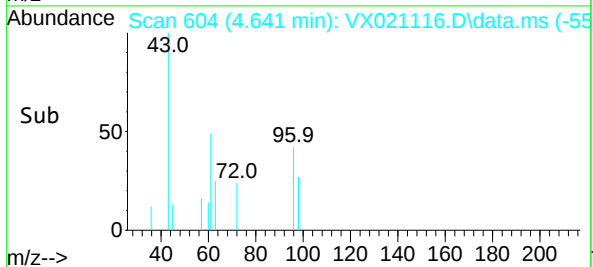
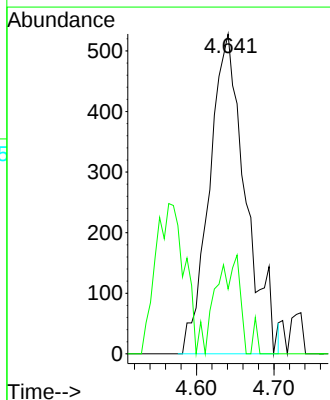
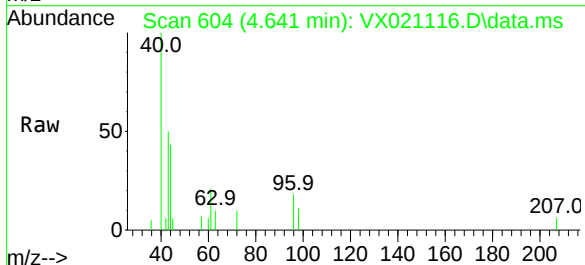
Instrument :
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ClientSampleId :
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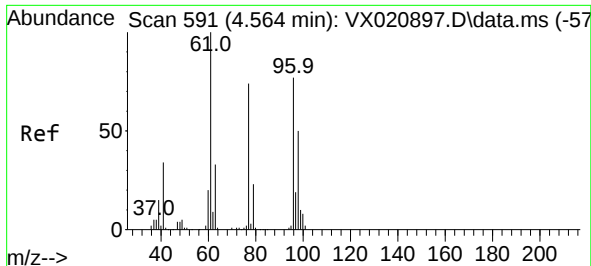
Tgt Ion: 96 Resp: 3397
Ion Ratio Lower Upper
96 100
61 128.1 107.7 161.5
98 58.8 50.4 75.6



#25
2-Butanone
Concen: 1.01 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
72 20.3 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 27.04 ug/l

RT: 4.564 min Scan# 591

Delta R.T. 0.000 min

Lab File: VX021116.D

Acq: 09 Mar 2021 17:57

Tgt Ion: 96 Resp: 78520

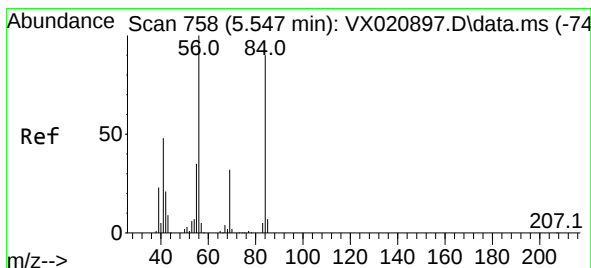
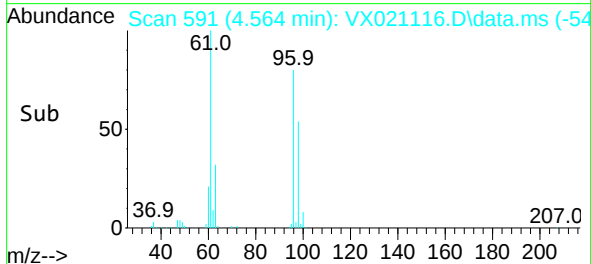
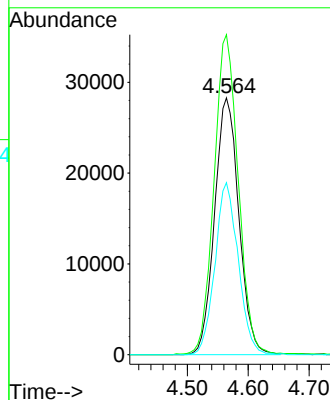
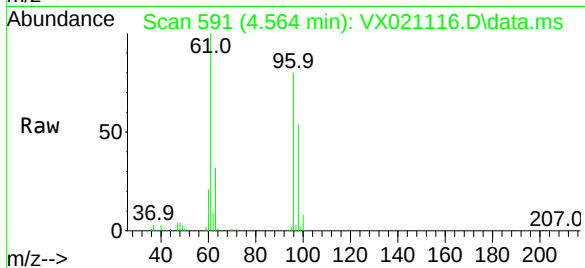
Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	285.6
98	64.1	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

MH-140B-20210305



#31

Cyclohexane

Concen: 0.97 ug/l

RT: 5.629 min Scan# 772

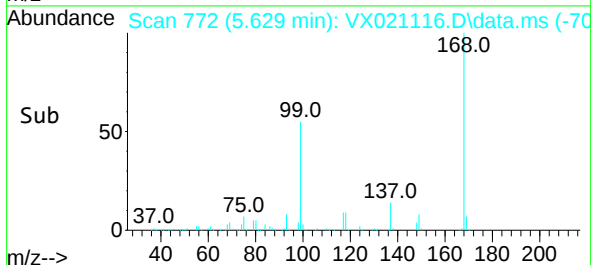
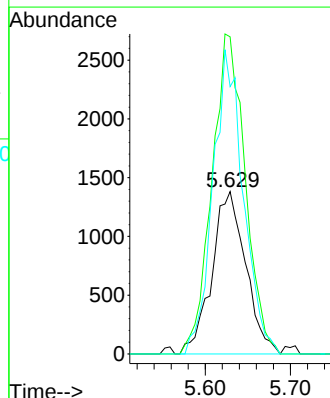
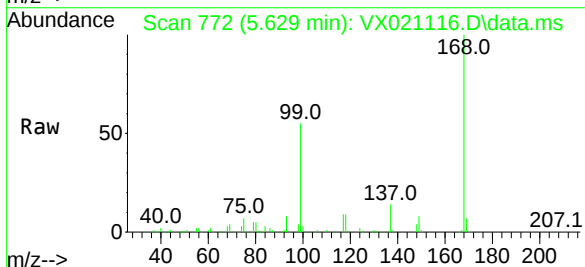
Delta R.T. 0.082 min

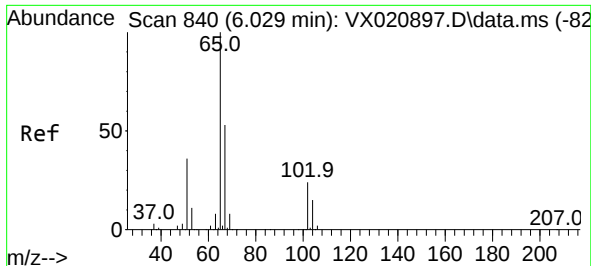
Lab File: VX021116.D

Acq: 09 Mar 2021 17:57

Tgt Ion: 56 Resp: 3817

Ion	Ratio	Lower	Upper
56	100		
69	195.2	25.3	37.9#
84	164.6	71.4	107.0#

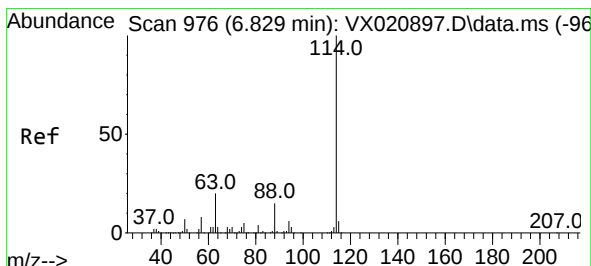
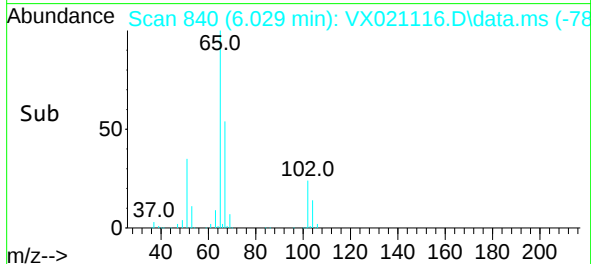
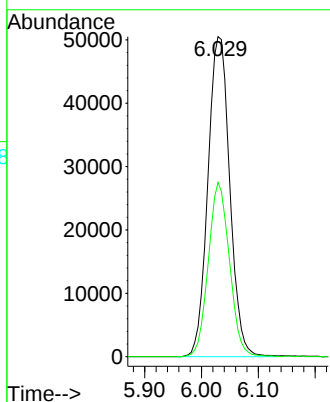
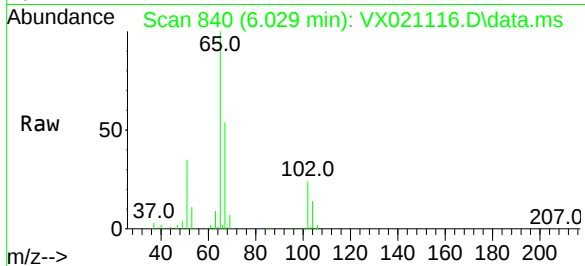




#33
1,2-Dichloroethane-d4
Concen: 49.86 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

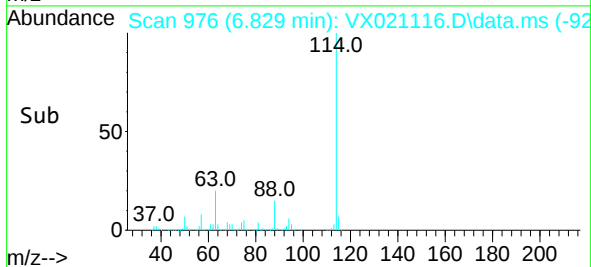
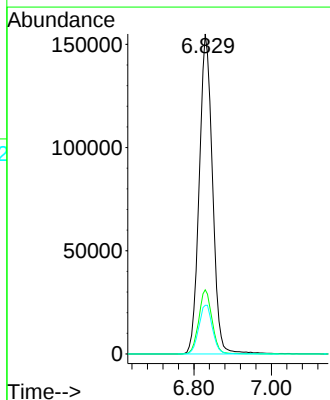
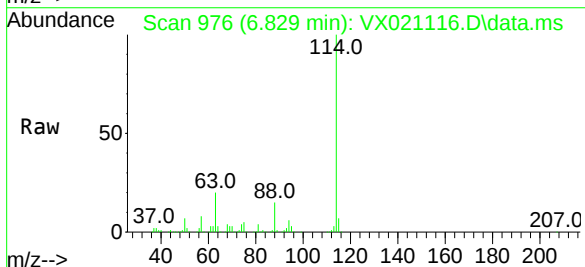
Instrument :
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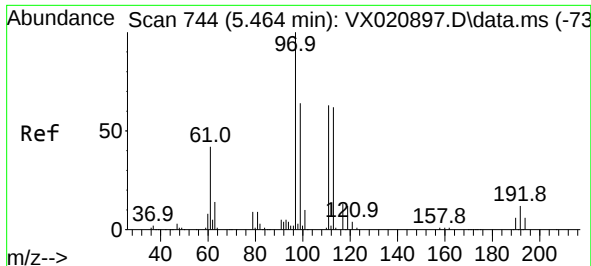
Tgt Ion: 65 Resp: 134995
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Tgt Ion: 114 Resp: 368275
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.2 0.0 32.8

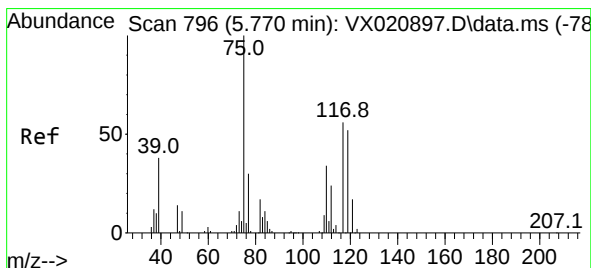
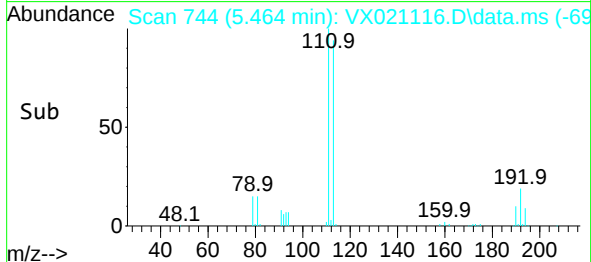
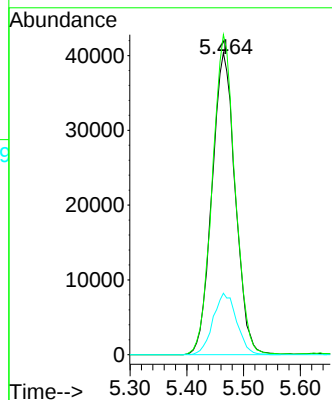
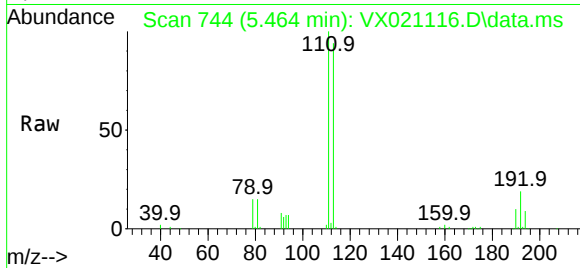




#35
Dibromofluoromethane
Concen: 51.29 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

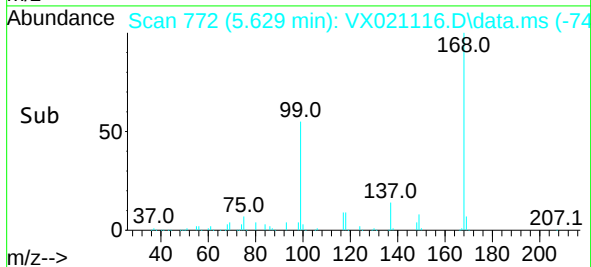
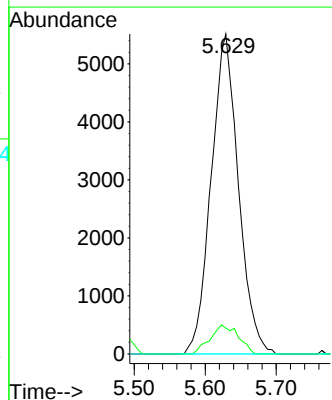
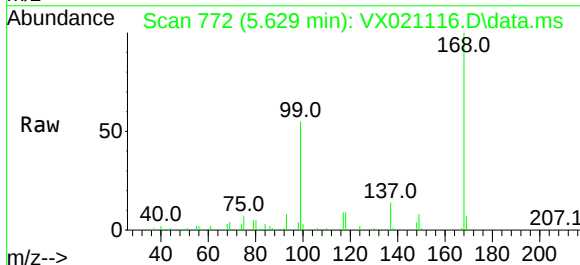
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210305

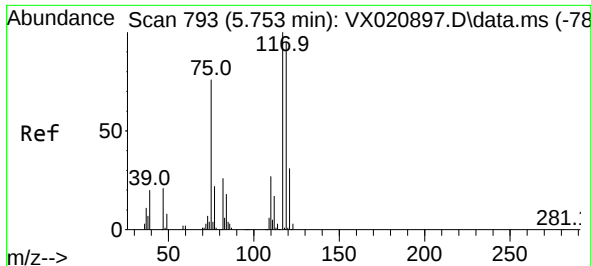
Tgt Ion:113 Resp: 114769
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 20.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Tgt Ion: 75 Resp: 14686
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#

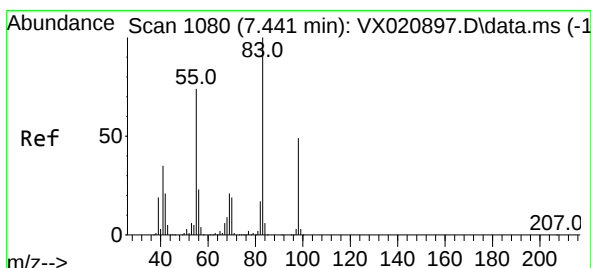
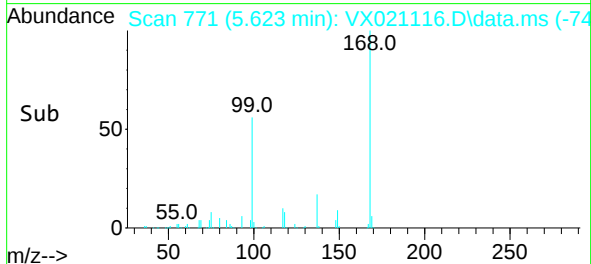
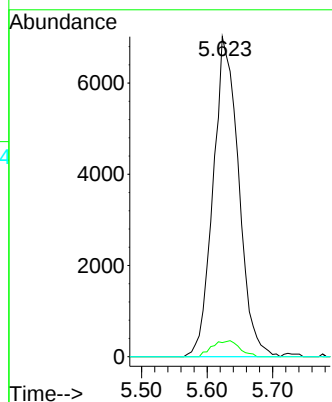
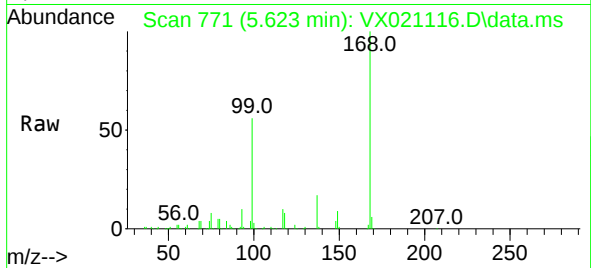




#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

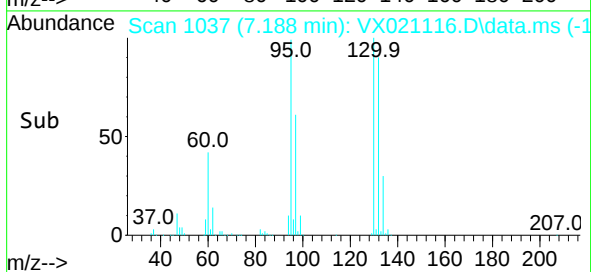
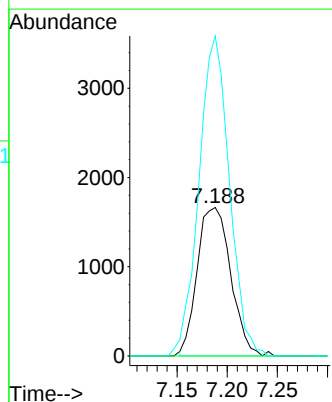
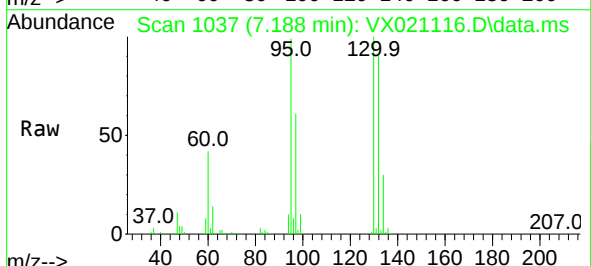
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210305

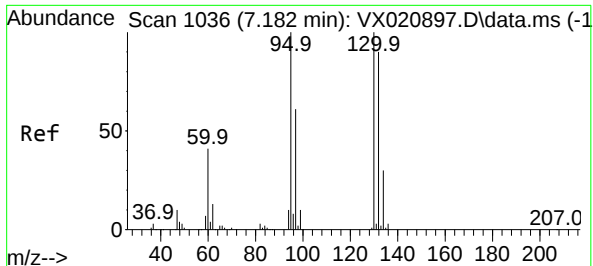
Tgt Ion:117 Resp: 18938
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.88 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.253 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Tgt Ion: 83 Resp: 3866
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 215.4 38.1 57.1#

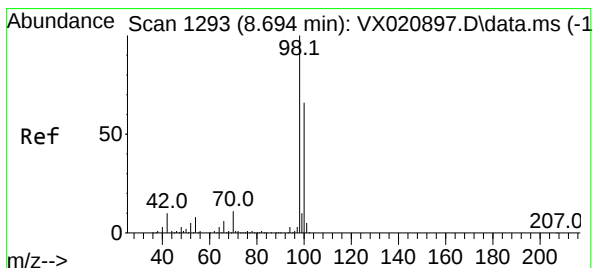
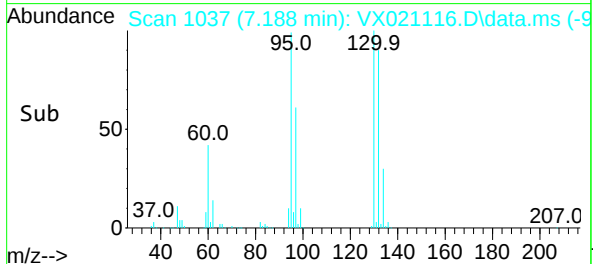
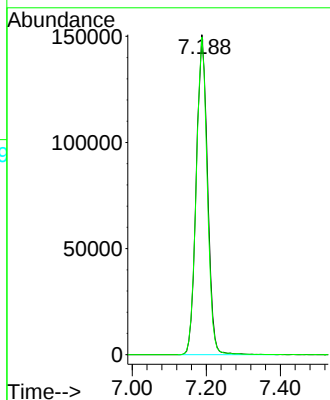
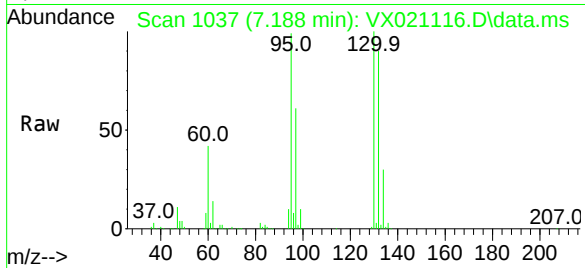




#44
Trichloroethene
Concen: 115.44 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

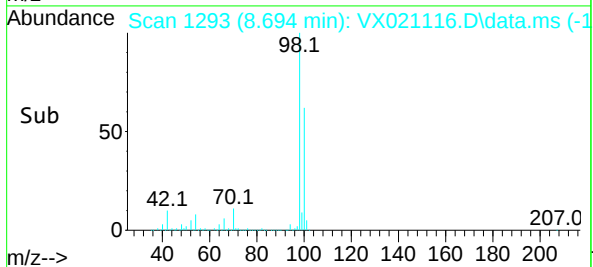
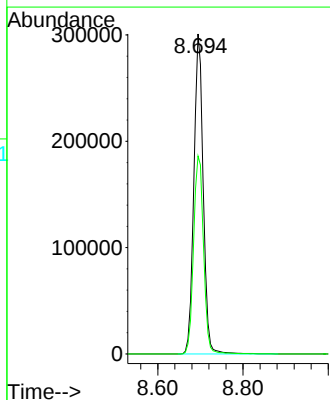
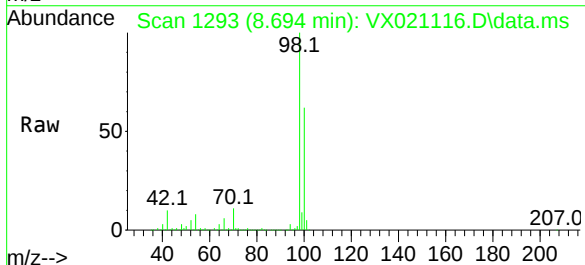
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210305

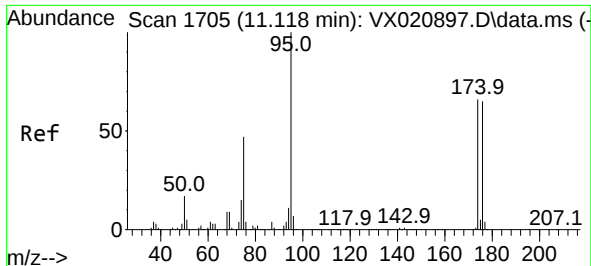
Tgt Ion:130 Resp: 318451
Ion Ratio Lower Upper
130 100
95 99.2 0.0 198.0



#50
Toluene-d8
Concen: 52.56 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Tgt Ion: 98 Resp: 458571
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

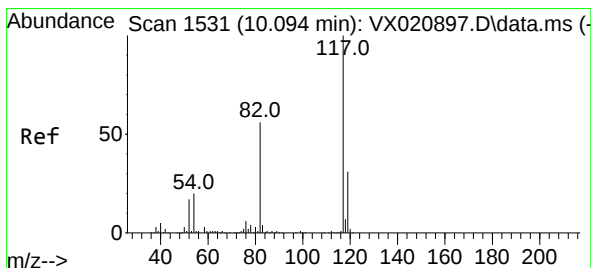
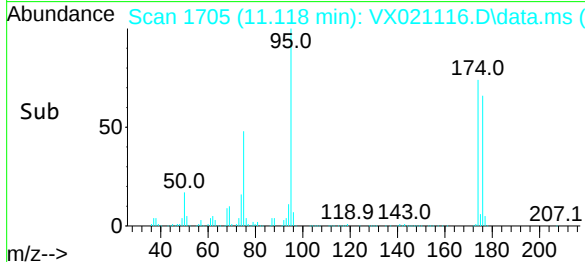
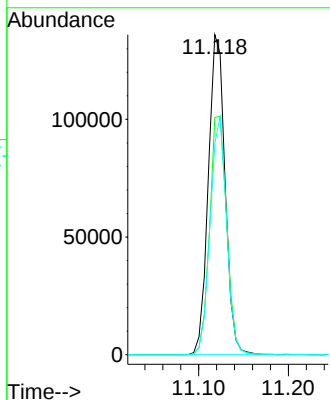
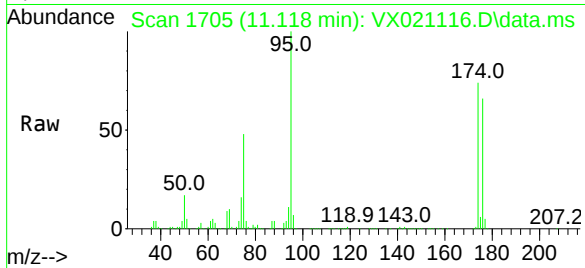




#62
4-Bromofluorobenzene
Concen: 54.56 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

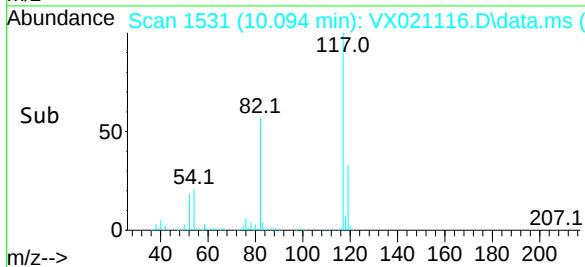
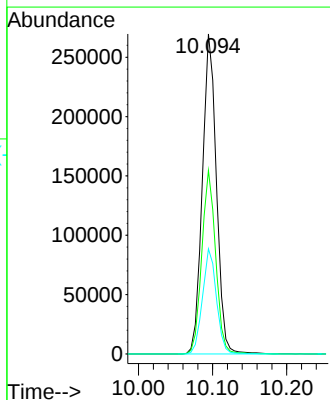
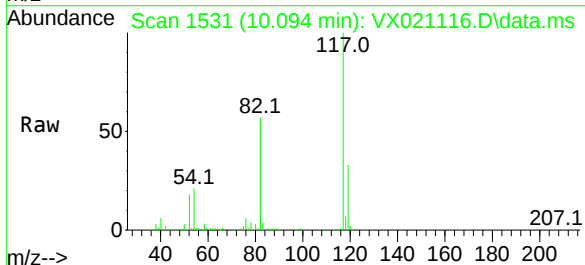
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210305

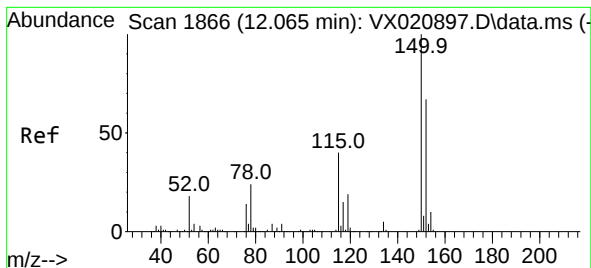
Tgt Ion:	95	Resp:	176005
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	154.6
176	73.0	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021116.D
Acq: 09 Mar 2021 17:57

Tgt Ion:	117	Resp:	355946
Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.4	71.2
119	32.8	26.6	39.8

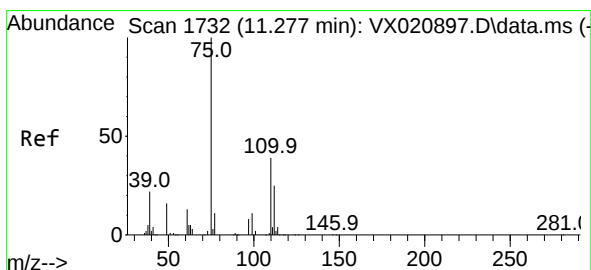
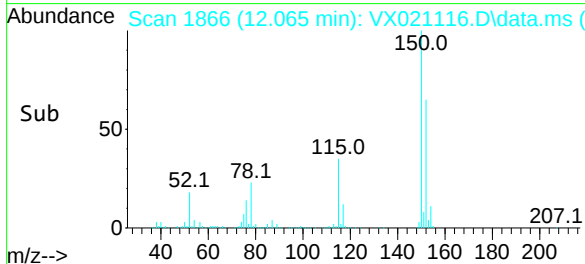
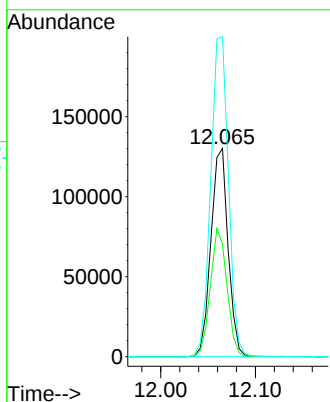
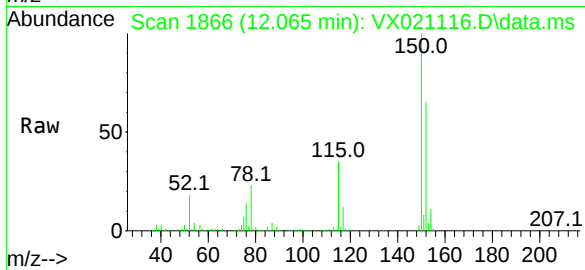




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. 0.000 min
 Lab File: VX021116.D
 Acq: 09 Mar 2021 17:57

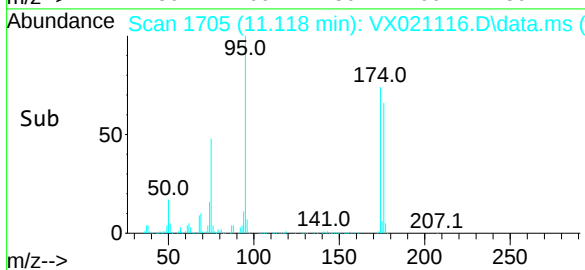
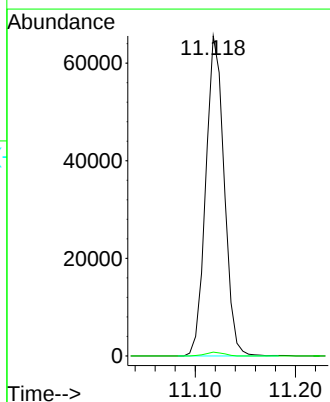
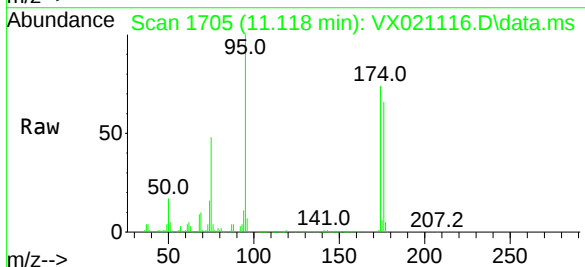
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20210305

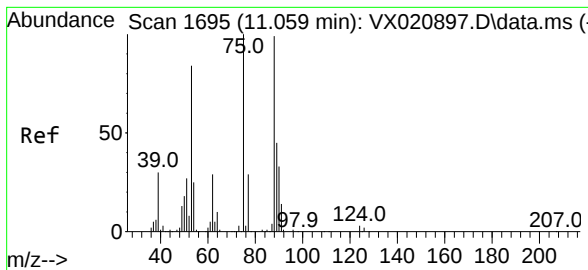
Tgt Ion:152 Resp: 163729
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 158.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.72 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021116.D
 Acq: 09 Mar 2021 17:57

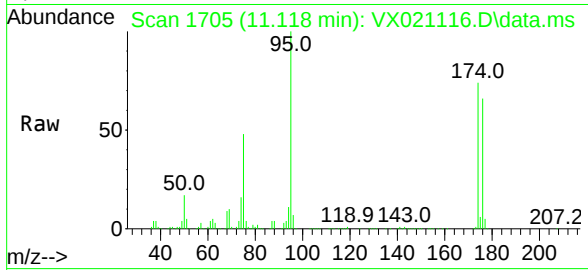
Tgt Ion: 75 Resp: 83533
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.51 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021116.D
 Acq: 09 Mar 2021 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20210305



Tgt Ion: 75 Resp: 83533
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

