

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021063.D
 Acq On : 08 Mar 2021 16:02
 Operator : JC/MD
 Sample : M1596-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5T-20210305

Quant Time: Mar 09 01:06:32 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)

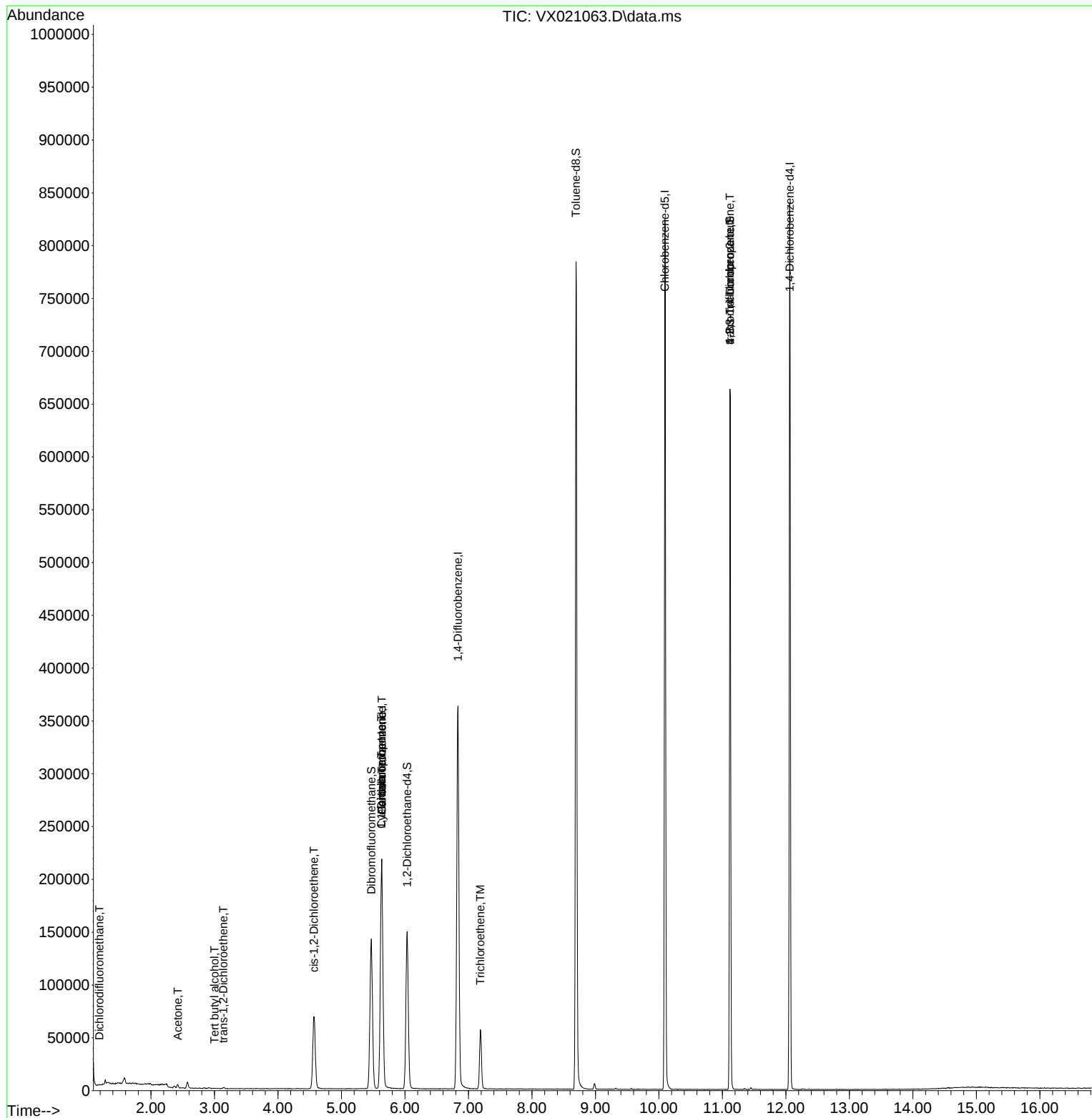
Internal Standards						
1) Pentafluorobenzene	5.635	168	212393	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	387151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	384590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	179862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	139968	48.79	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.58%
35) Dibromofluoromethane	5.470	113	122984	52.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.56%
50) Toluene-d8	8.694	98	491732	53.61	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.22%
62) 4-Bromofluorobenzene	11.118	95	191710	56.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.06%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	462	0.20	ug/l	85
5) Bromomethane	1.634	94	259	Below	Cal	89
11) Tert butyl alcohol	2.999	59	209	0.33	ug/l #	73
16) Acetone	2.423	43	2997	2.54	ug/l	95
21) trans-1,2-Dichloroethene	3.140	96	591	0.22	ug/l	86
27) cis-1,2-Dichloroethene	4.564	96	47043	15.29	ug/l	89
31) Cyclohexane	5.629	56	3959	0.95	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15651	4.25	ug/l #	48
38) Carbon Tetrachloride	5.635	117	19873	5.57	ug/l #	16
44) Trichloroethene	7.188	130	21923	7.56	ug/l	99
76) 1,2,3-Trichloropropane	11.118	75	90785	23.46	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	90785	51.95	ug/l #	12

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

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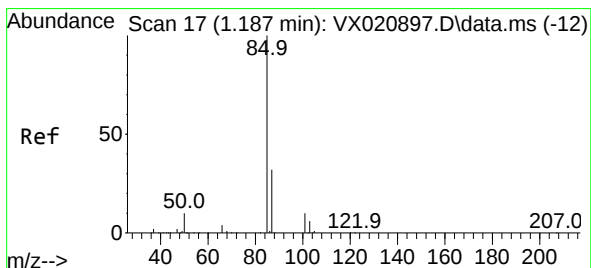
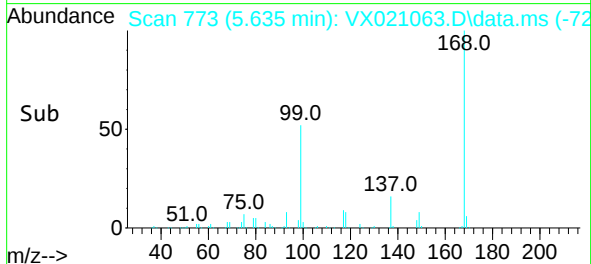
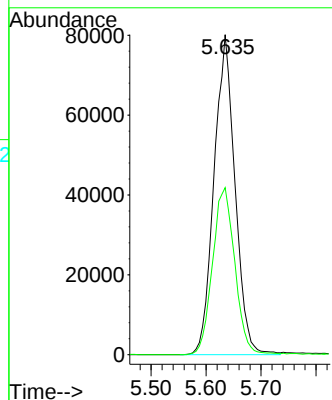
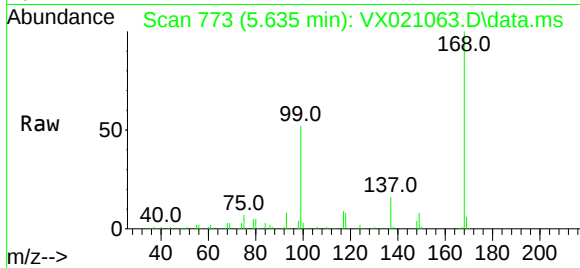




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

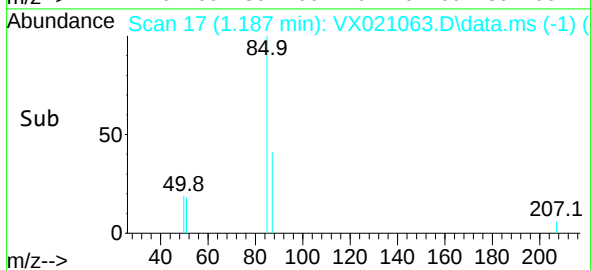
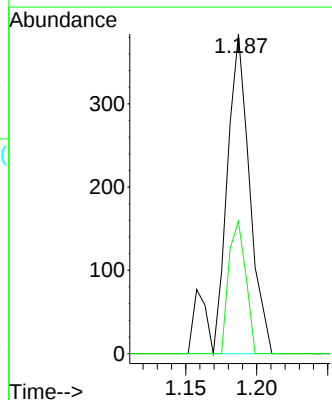
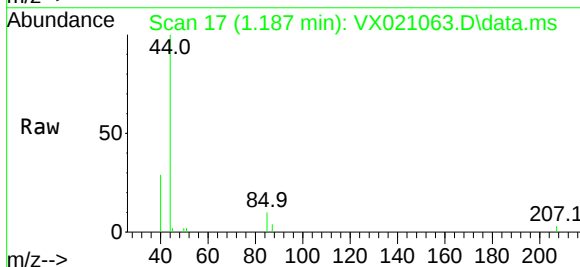
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210305

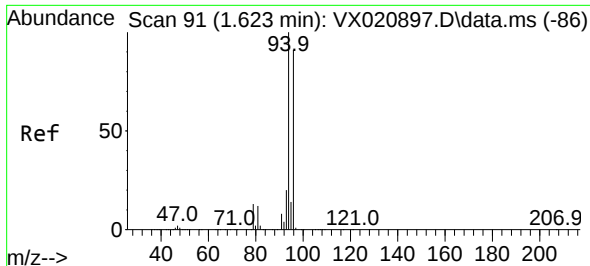
Tgt Ion:168 Resp: 212393
Ion Ratio Lower Upper
168 100
99 52.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.20 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

Tgt Ion: 85 Resp: 462
Ion Ratio Lower Upper
85 100
87 41.4 16.4 49.2

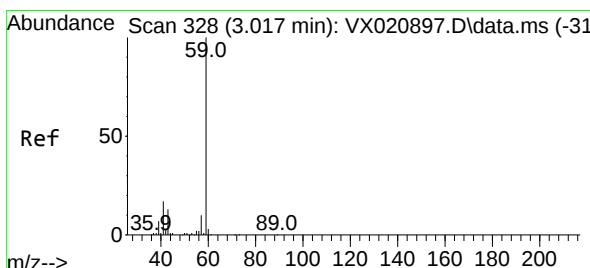
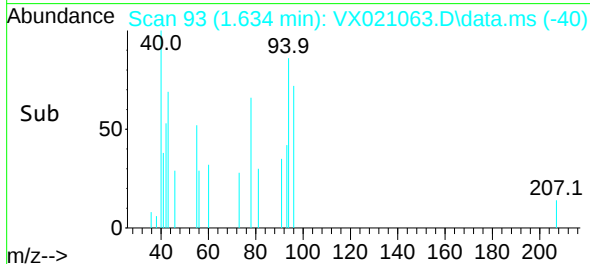
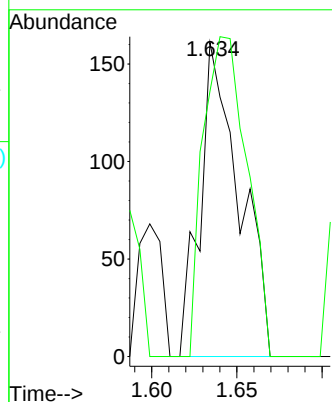
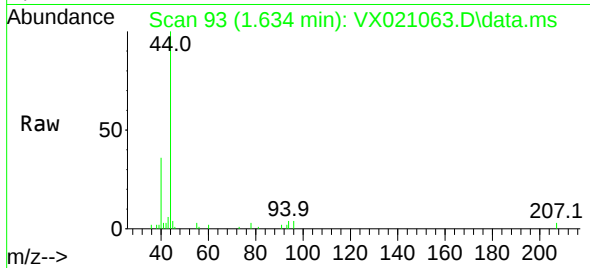




#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

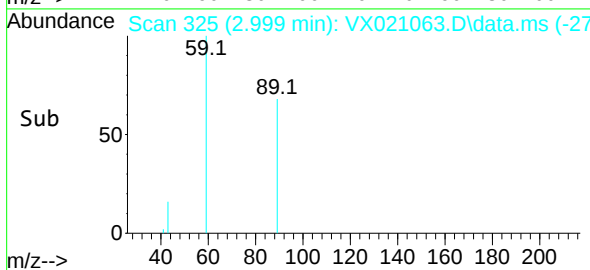
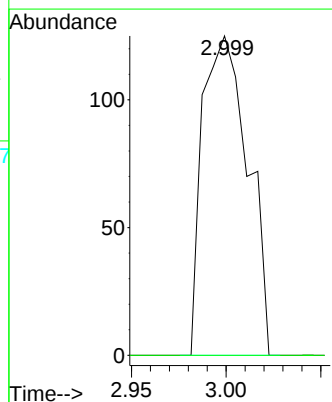
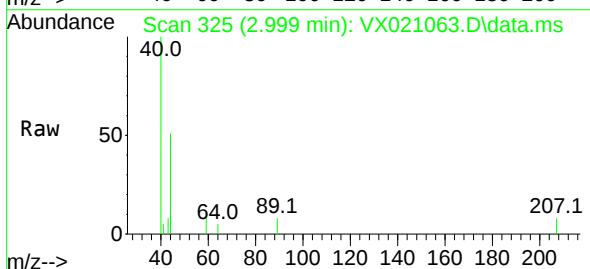
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210305

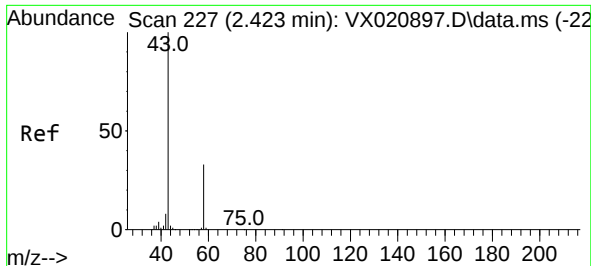
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 84.5 76.4 114.6



#11
Tert butyl alcohol
Concen: 0.33 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

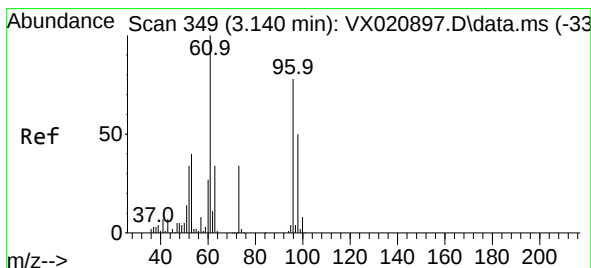
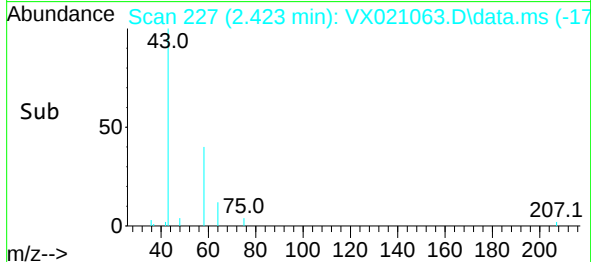
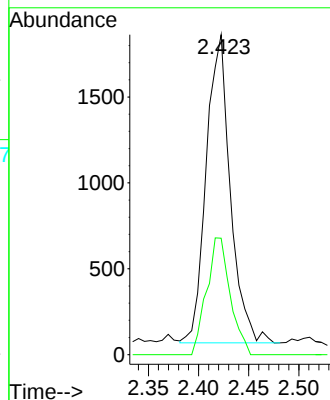
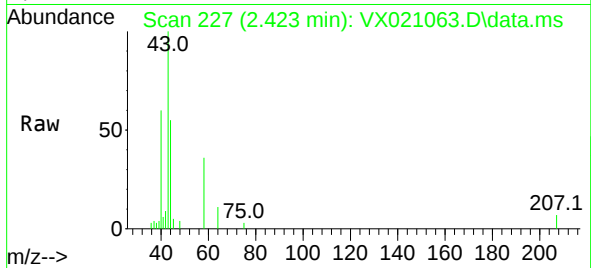




#16
Acetone
Concen: 2.54 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

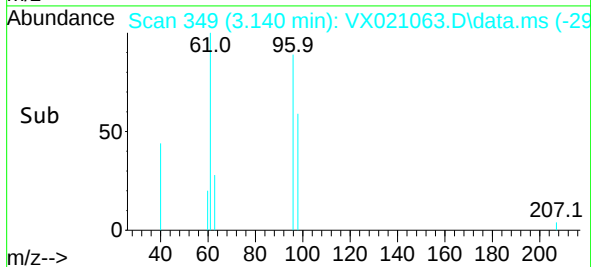
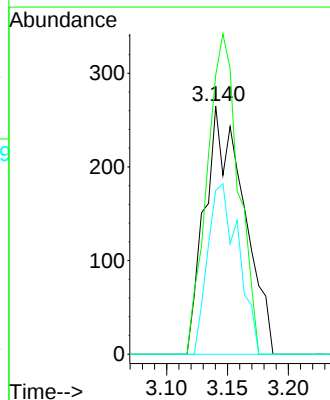
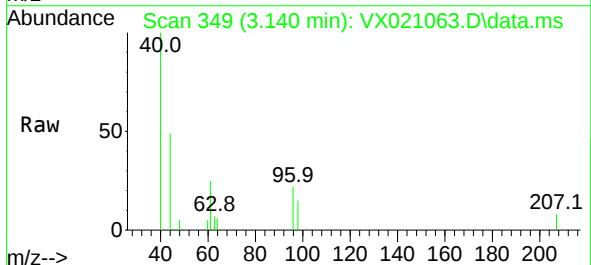
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210305

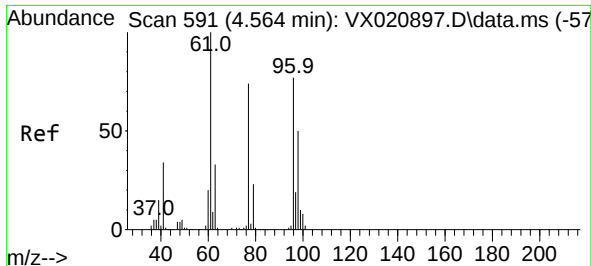
Tgt Ion: 43 Resp: 2997
Ion Ratio Lower Upper
43 100
58 37.8 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 3.140 min Scan# 349
Delta R.T. -0.000 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

Tgt Ion: 96 Resp: 591
Ion Ratio Lower Upper
96 100
61 112.5 107.7 161.5
98 66.0 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 15.29 ug/l

RT: 4.564 min Scan# 591

Delta R.T. -0.000 min

Lab File: VX021063.D

Acq: 08 Mar 2021 16:02

Tgt Ion: 96 Resp: 47043

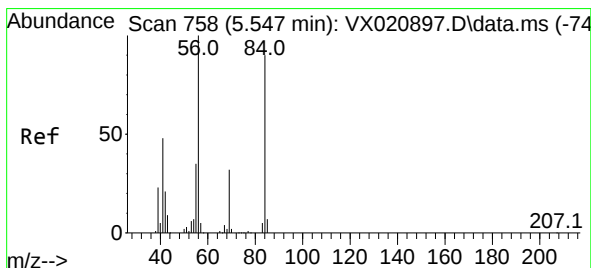
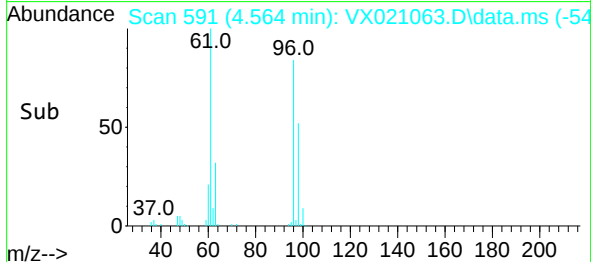
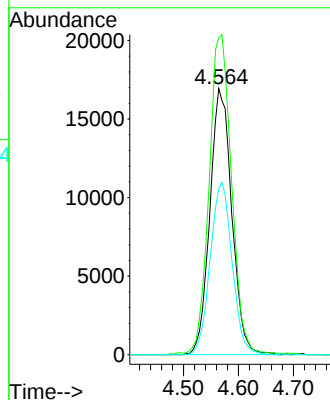
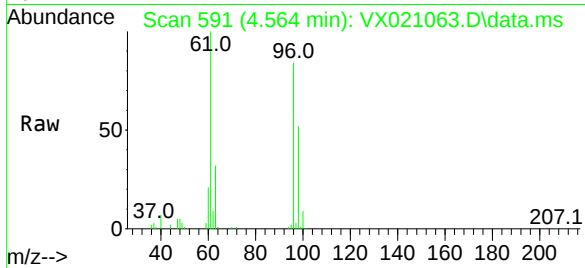
Ion	Ratio	Lower	Upper
96	100		
61	123.4	0.0	285.6
98	64.5	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5T-20210305



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.629 min Scan# 772

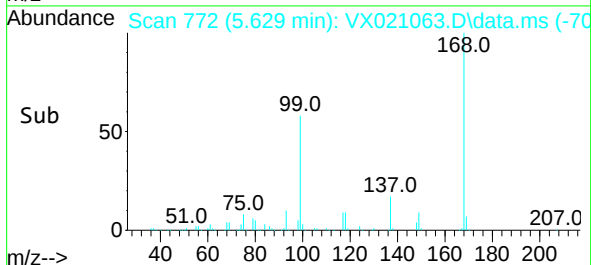
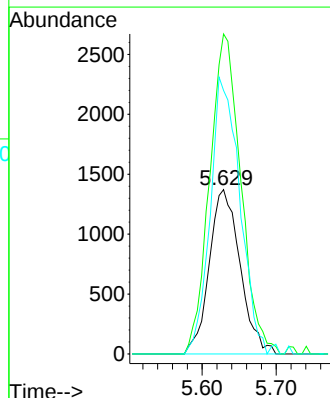
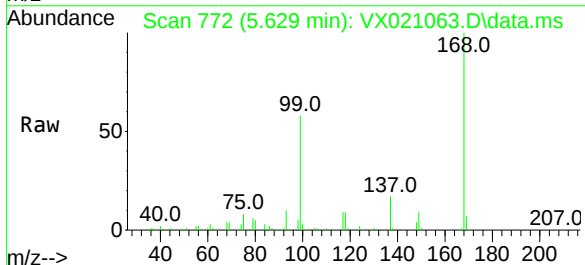
Delta R.T. 0.082 min

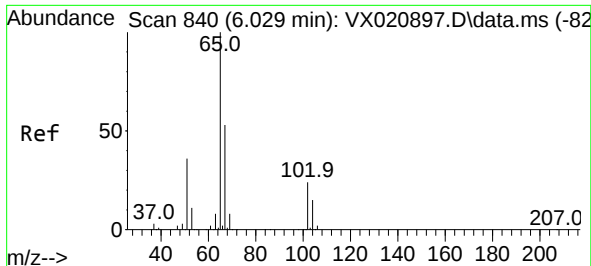
Lab File: VX021063.D

Acq: 08 Mar 2021 16:02

Tgt Ion: 56 Resp: 3959

Ion	Ratio	Lower	Upper
56	100		
69	194.8	25.3	37.9#
84	160.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.79 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021063.D

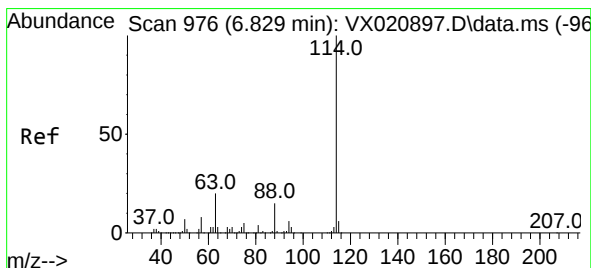
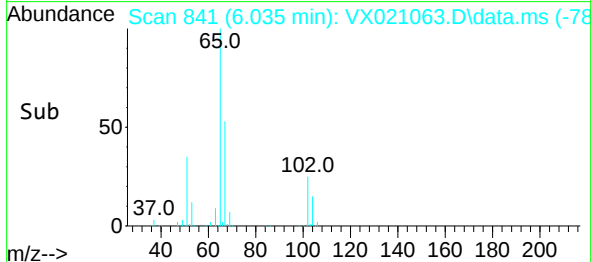
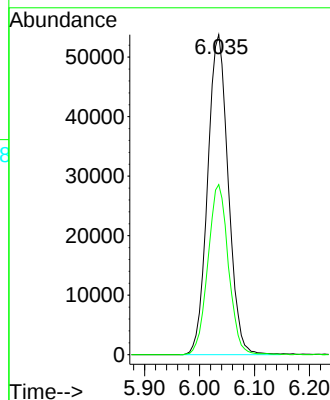
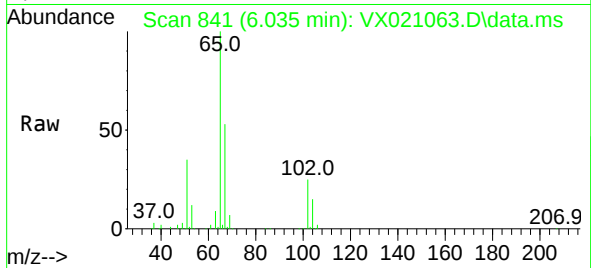
Acq: 08 Mar 2021 16:02

Tgt Ion: 65 Resp: 139968

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.006 min

Lab File: VX021063.D

Acq: 08 Mar 2021 16:02

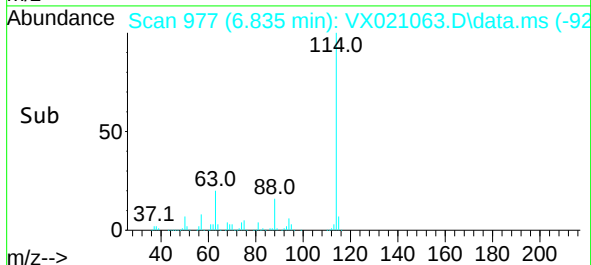
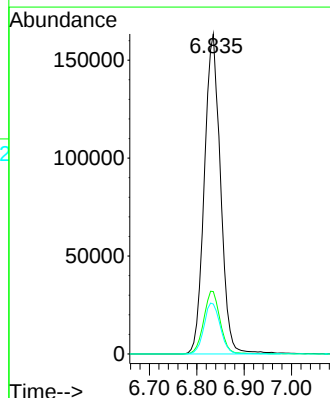
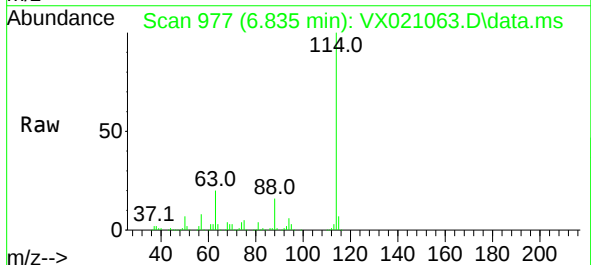
Tgt Ion: 114 Resp: 387151

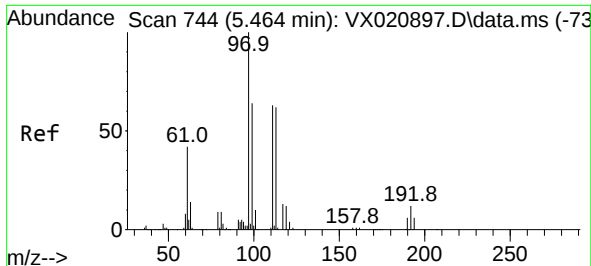
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 15.6 0.0 32.8

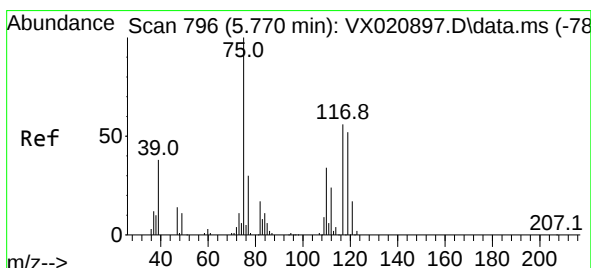
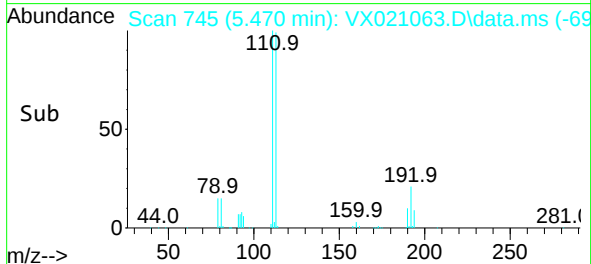
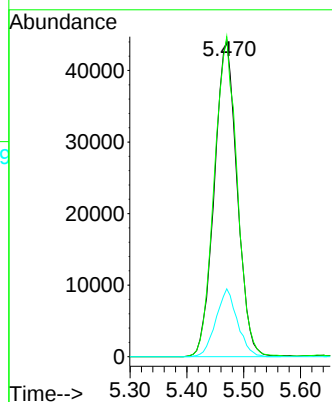
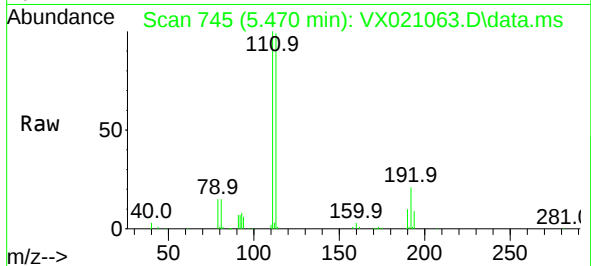




#35
Dibromofluoromethane
Concen: 52.28 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

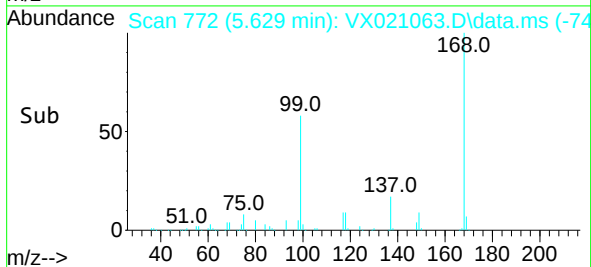
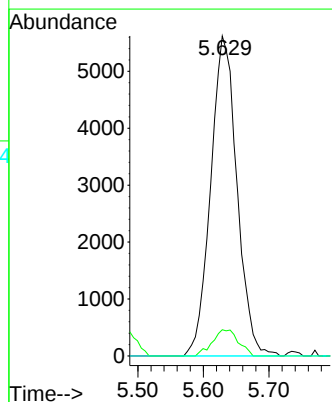
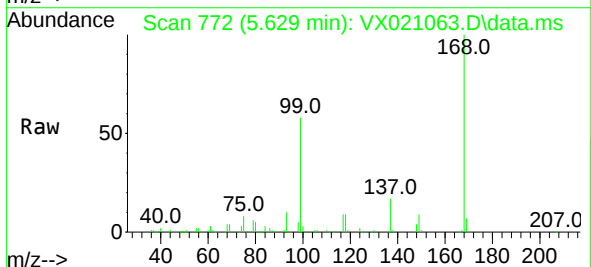
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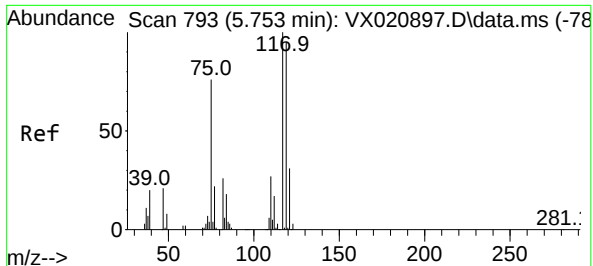
Tgt Ion:113 Resp: 122984
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

Tgt Ion: 75 Resp: 15651
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

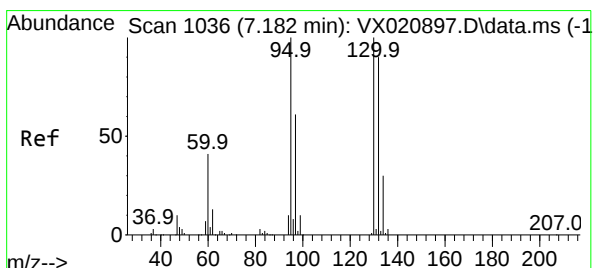
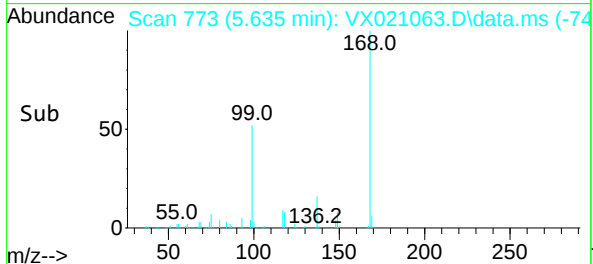
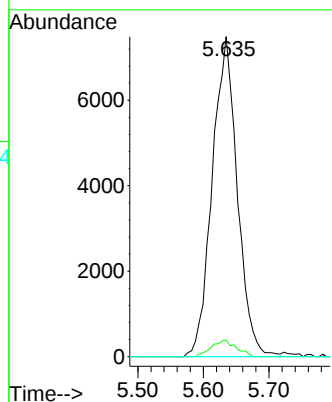
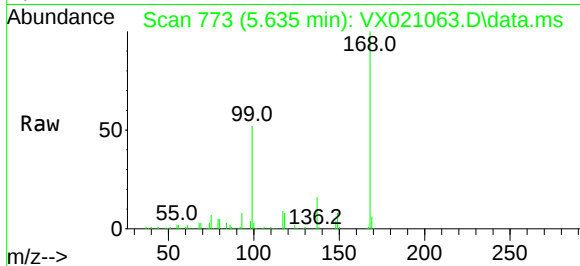




#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

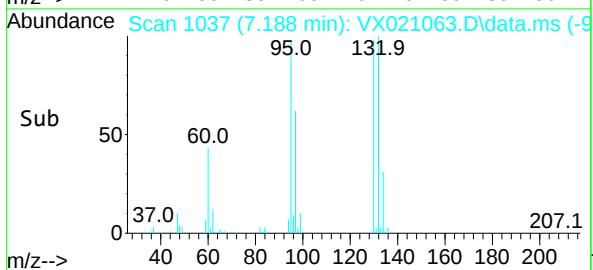
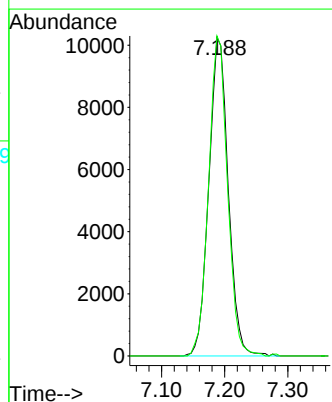
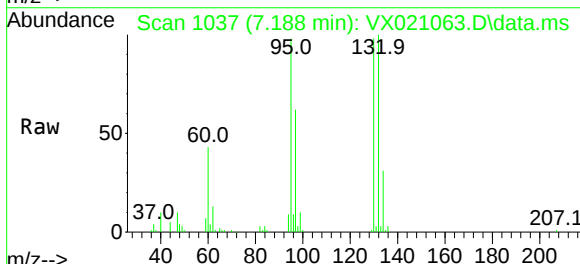
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210305

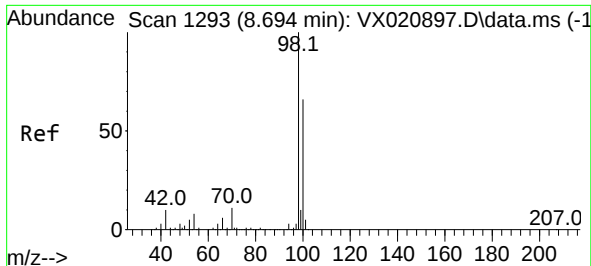
Tgt Ion:117 Resp: 19873
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 7.56 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

Tgt Ion:130 Resp: 21923
Ion Ratio Lower Upper
130 100
95 100.4 0.0 198.0

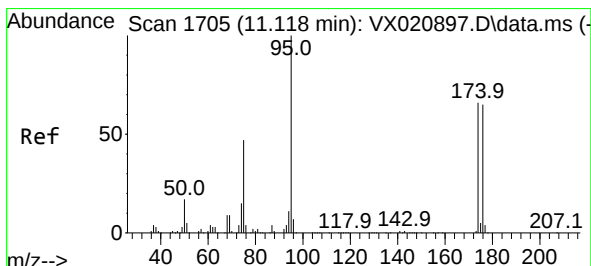
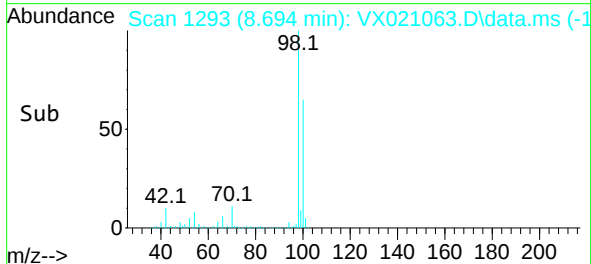
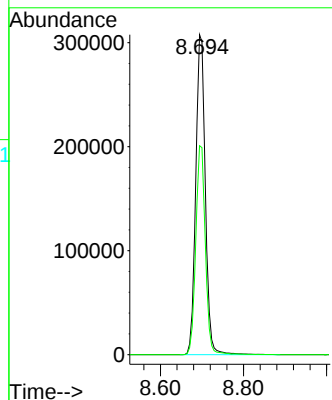
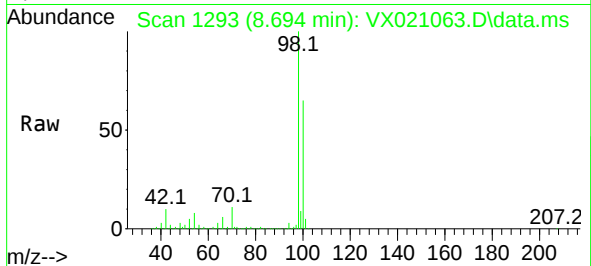




#50
Toluene-d8
Concen: 53.61 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

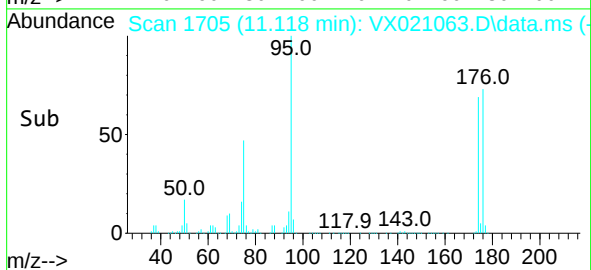
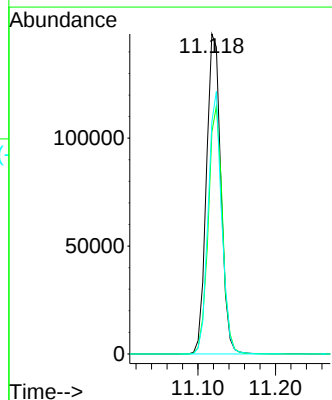
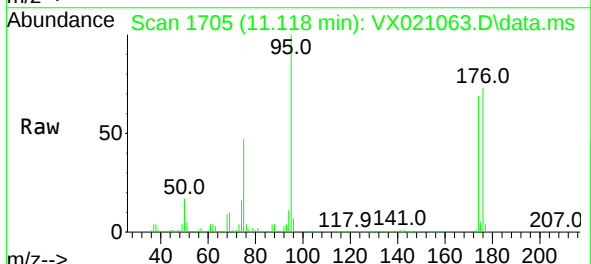
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210305

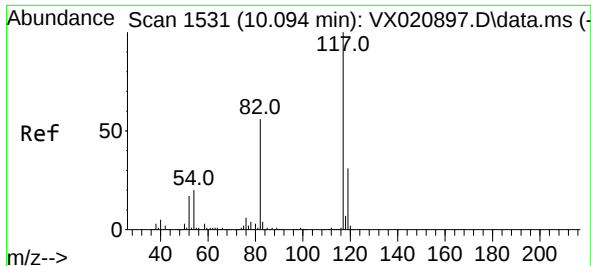
Tgt Ion: 98 Resp: 491732
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.53 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

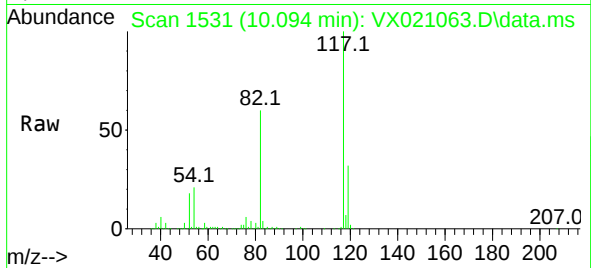
Tgt Ion: 95 Resp: 191710
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 76.7 0.0 155.8



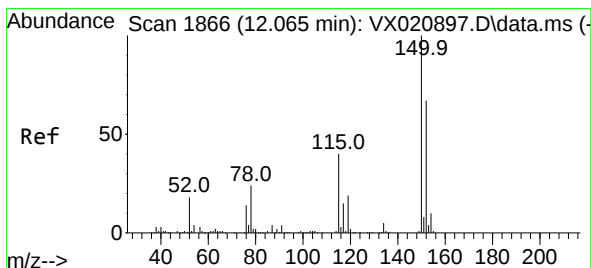
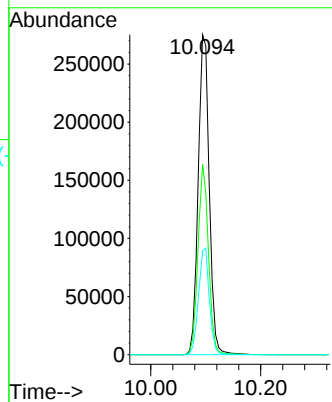
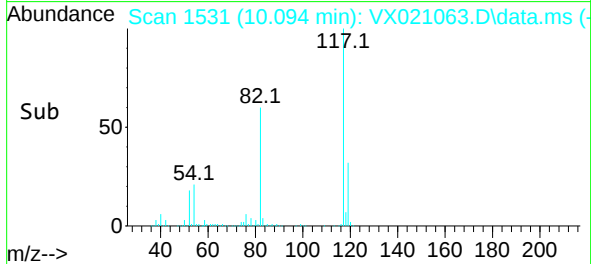


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

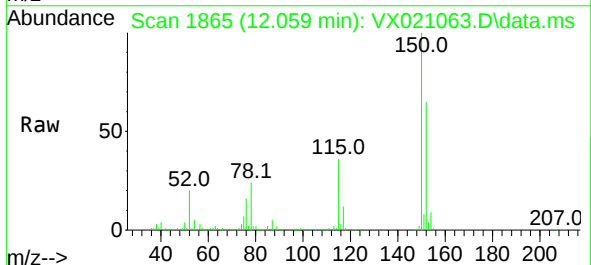
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210305



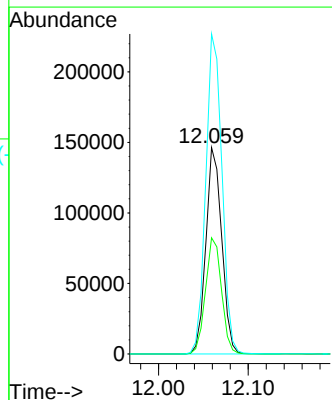
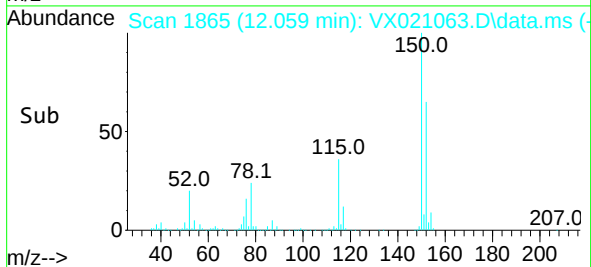
Tgt Ion:117 Resp: 384590
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.4 26.6 39.8

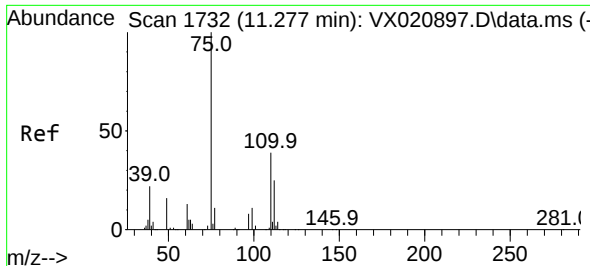


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02



Tgt Ion:152 Resp: 179862
Ion Ratio Lower Upper
152 100
115 56.7 41.1 123.3
150 157.9 0.0 349.0

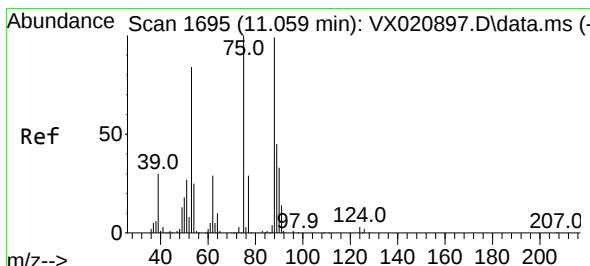
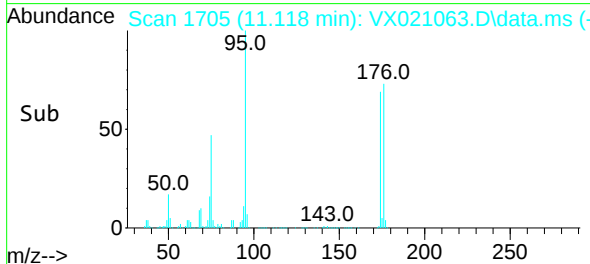
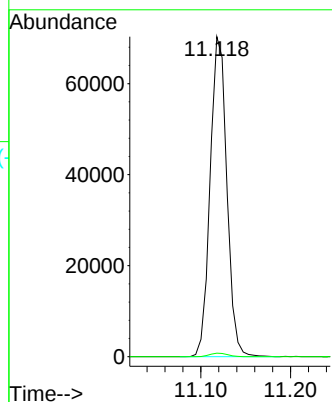
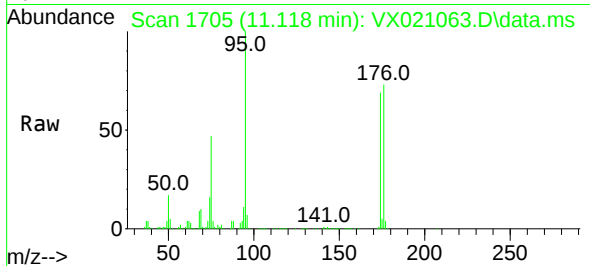




#76
1,2,3-Trichloropropane
Concen: 23.46 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210305

Tgt Ion: 75 Resp: 90785
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.95 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021063.D
Acq: 08 Mar 2021 16:02

Tgt Ion: 75 Resp: 90785
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

