

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021071.D
 Acq On : 08 Mar 2021 18:58
 Operator : JC/MD
 Sample : M1596-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20210305

Quant Time: Mar 09 01:08:54 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	204666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	378638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	377427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	177072	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	136248	49.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.56%
35) Dibromofluoromethane	5.464	113	119949	52.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.28%
50) Toluene-d8	8.694	98	479674	53.48	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.96%
62) 4-Bromofluorobenzene	11.118	95	184105	55.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.02%

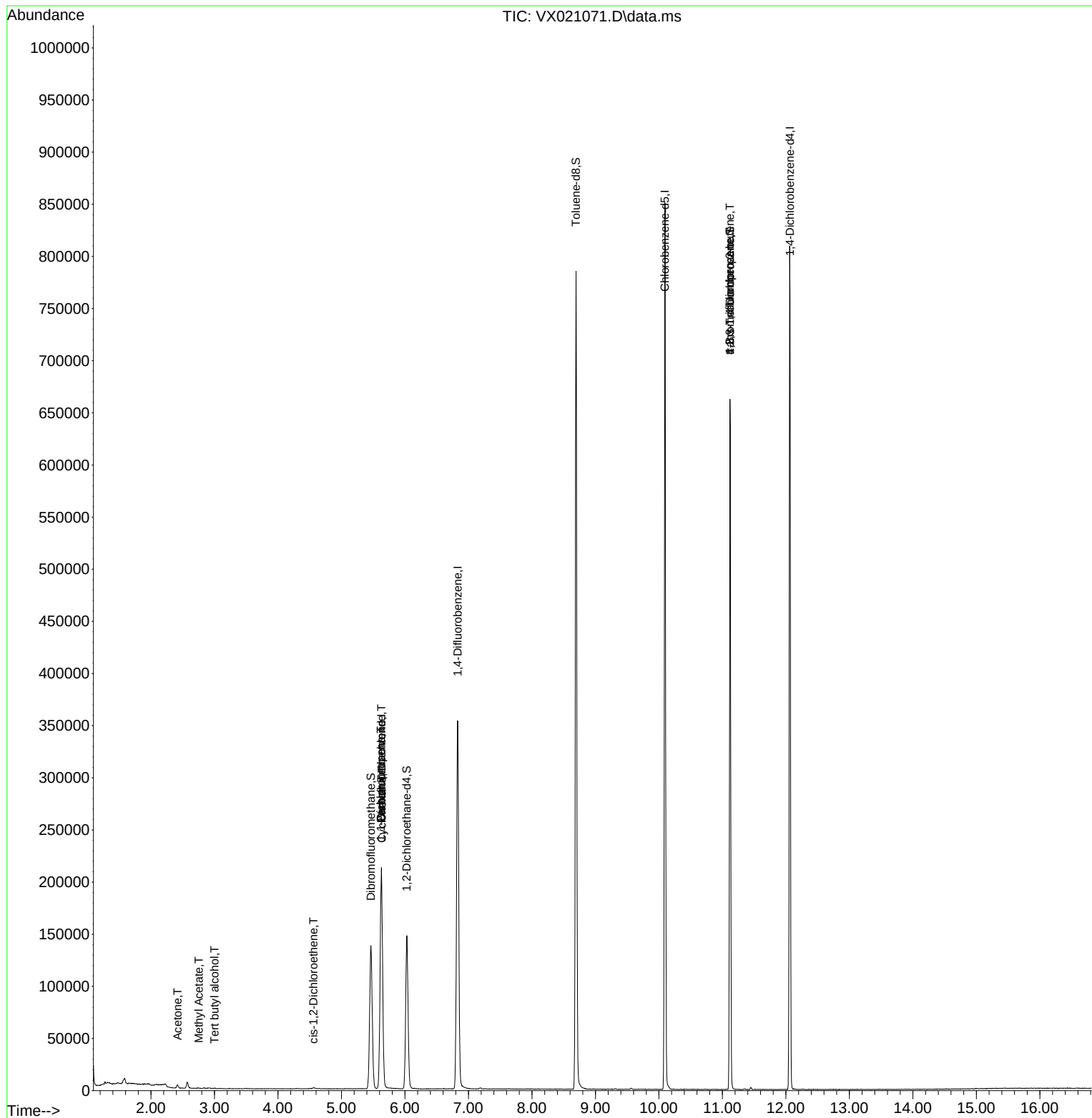
Target Compounds					Qvalue
5) Bromomethane	1.640	94	214	Below Cal	95
11) Tert butyl alcohol	2.999	59	269	0.44 ug/l #	73
16) Acetone	2.417	43	3357	2.95 ug/l	99
18) Methyl Acetate	2.752	43	601	0.22 ug/l #	59
27) cis-1,2-Dichloroethene	4.558	96	627	0.21 ug/l	79
31) Cyclohexane	5.635	56	3987	1.00 ug/l #	1
36) 1,1-Dichloropropene	5.623	75	15278	4.24 ug/l #	49
38) Carbon Tetrachloride	5.629	117	19350	5.55 ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	89630	23.53 ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	89630	52.09 ug/l #	12

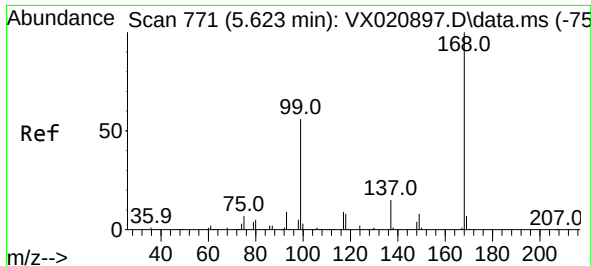
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

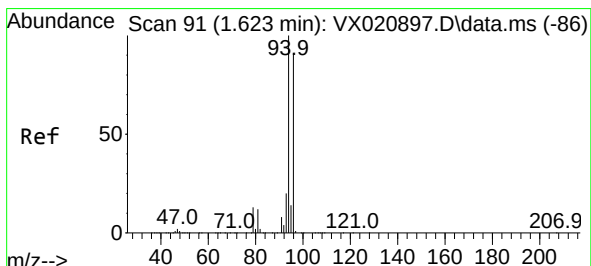
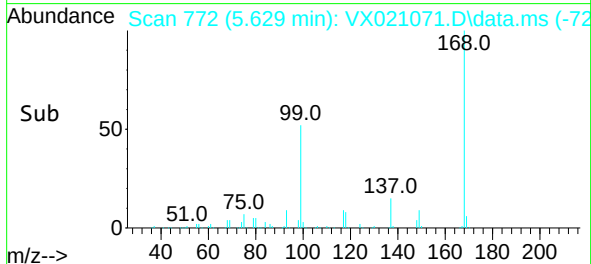
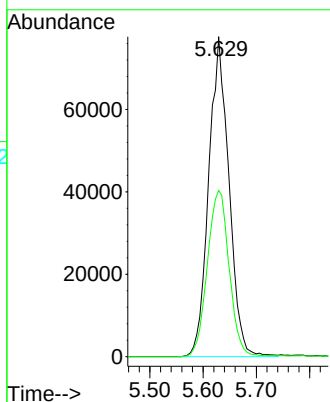
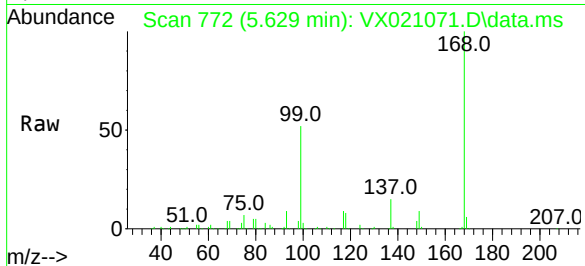




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

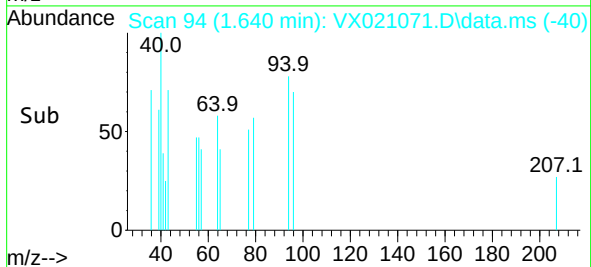
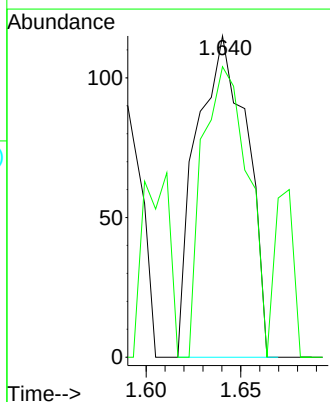
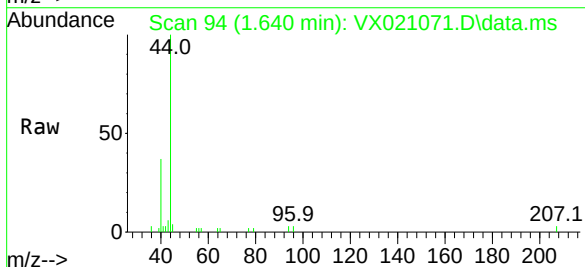
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210305

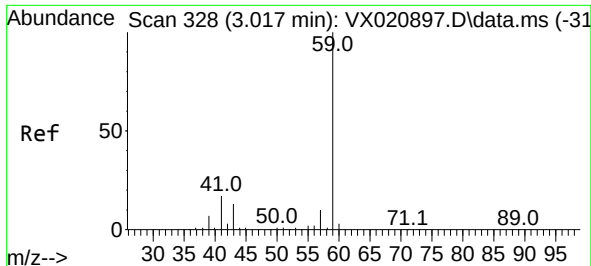
Tgt Ion:168 Resp: 204666
Ion Ratio Lower Upper
168 100
99 51.9 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 90.4 76.4 114.6

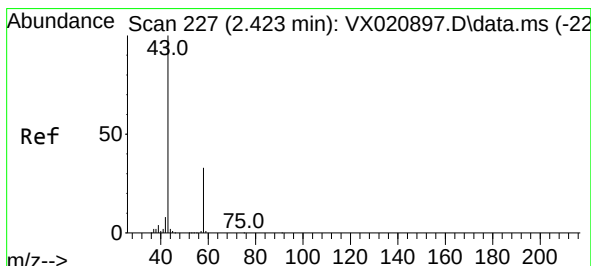
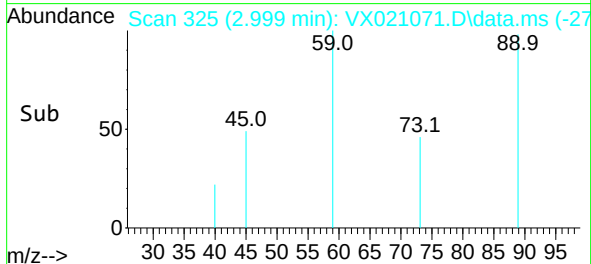
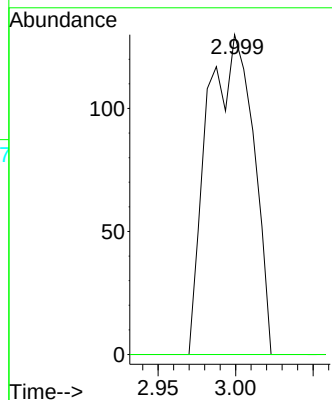
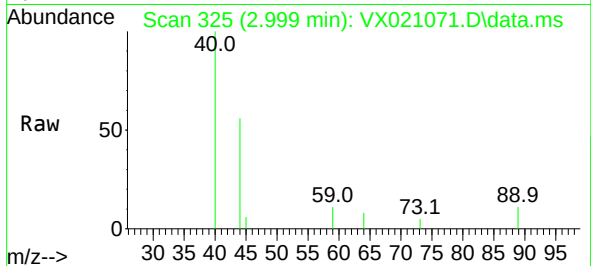




#11
Tert butyl alcohol
Concen: 0.44 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

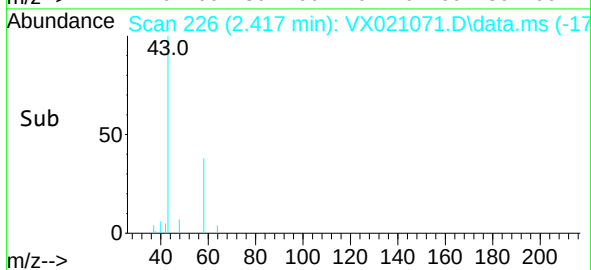
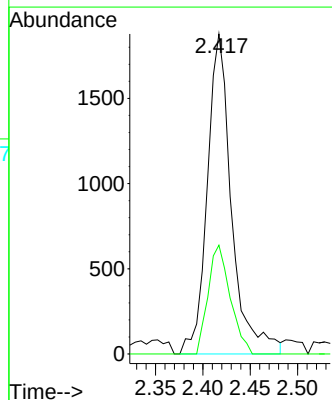
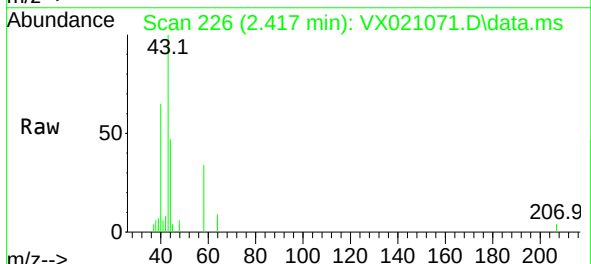
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210305

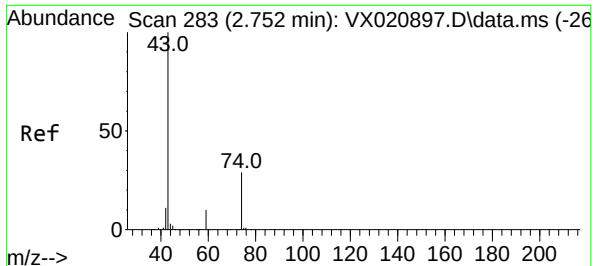
Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.95 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

Tgt Ion: 43 Resp: 3357
Ion Ratio Lower Upper
43 100
58 34.0 27.8 41.8

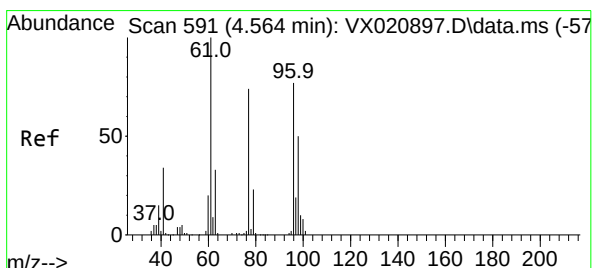
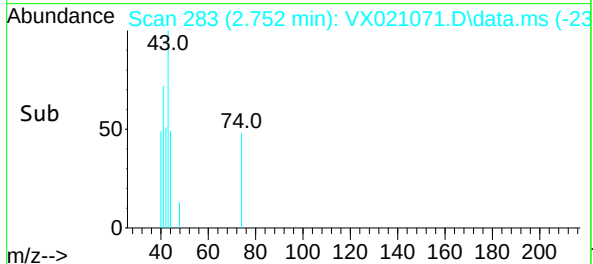
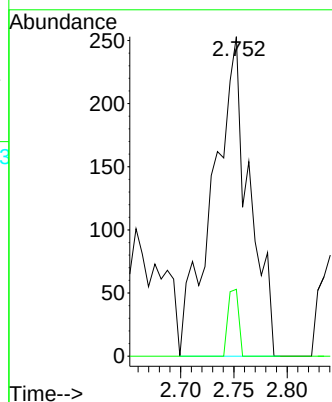
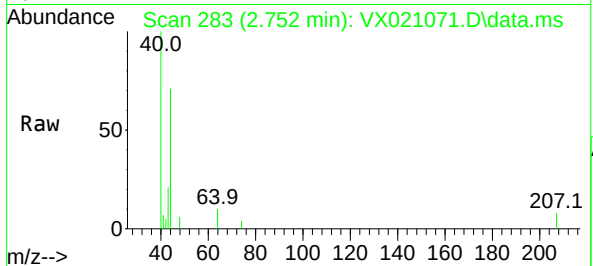




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

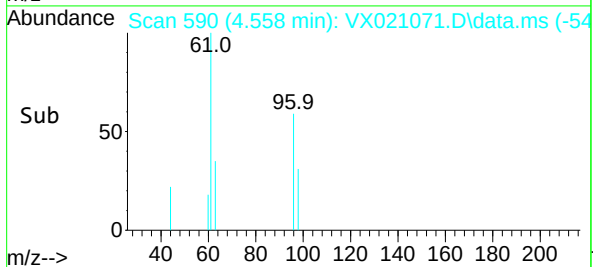
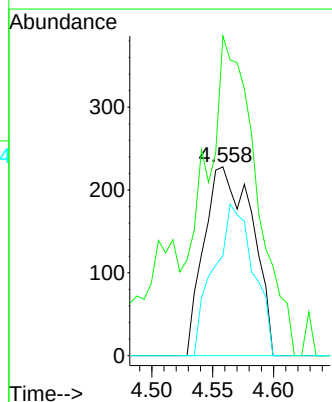
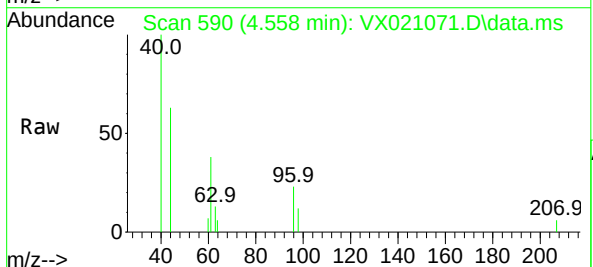
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210305

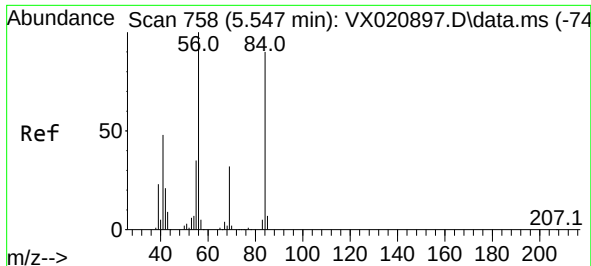
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
74 6.2 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 0.21 ug/l
RT: 4.558 min Scan# 590
Delta R.T. -0.006 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

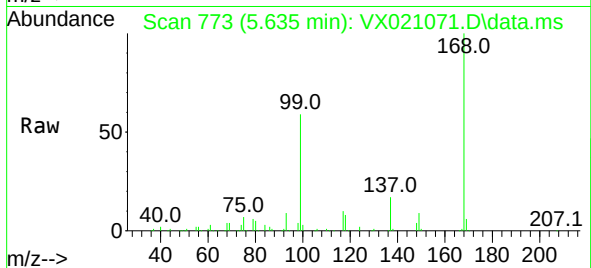
Tgt Ion: 96 Resp: 627
Ion Ratio Lower Upper
96 100
61 180.2 0.0 285.6
98 66.0 0.0 129.6



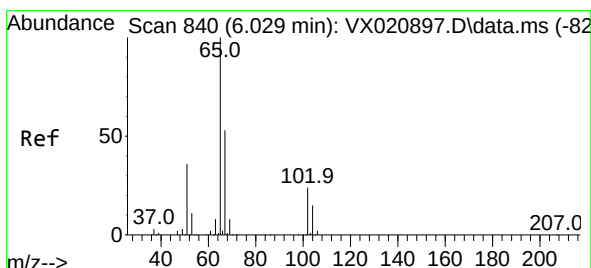
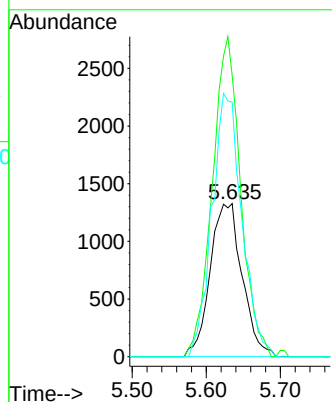
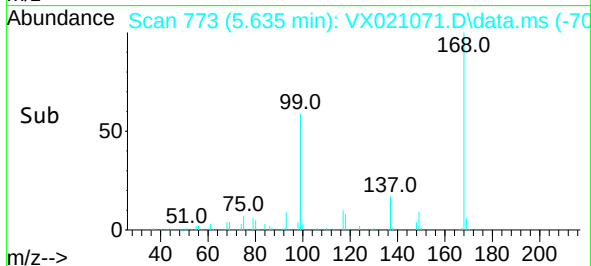


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

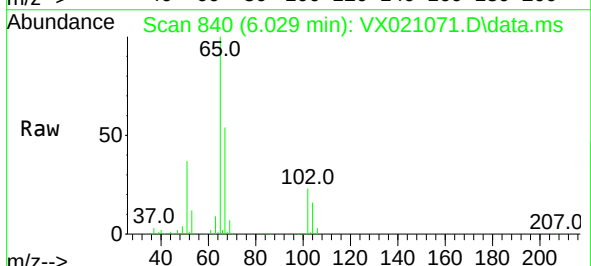
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210305



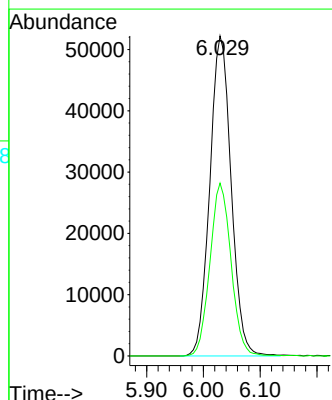
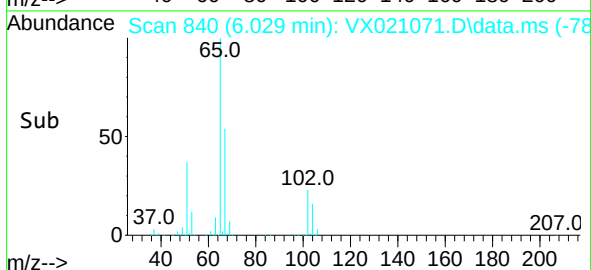
Tgt Ion: 56 Resp: 3987
Ion Ratio Lower Upper
56 100
69 183.4 25.3 37.9#
84 166.3 71.4 107.0#

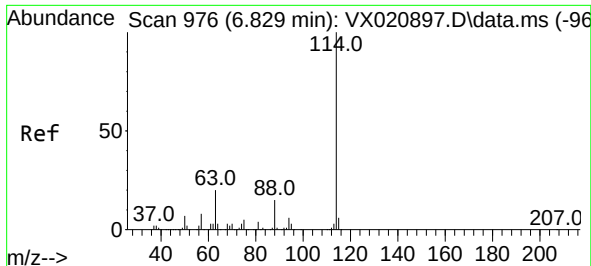


#33
1,2-Dichloroethane-d4
Concen: 49.28 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58



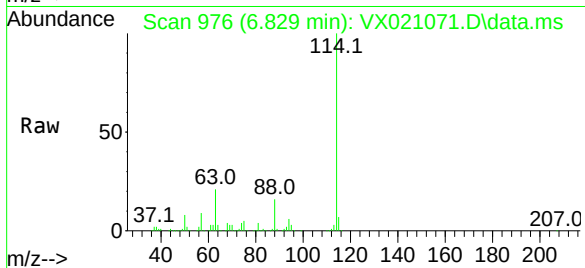
Tgt Ion: 65 Resp: 136248
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



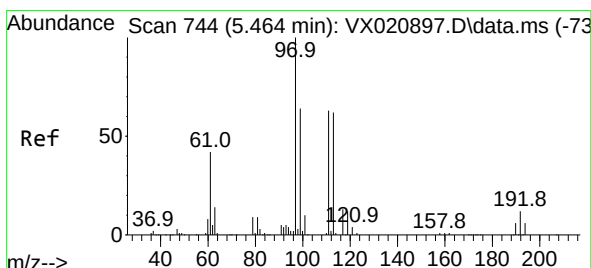
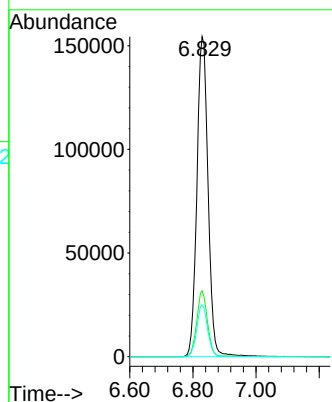
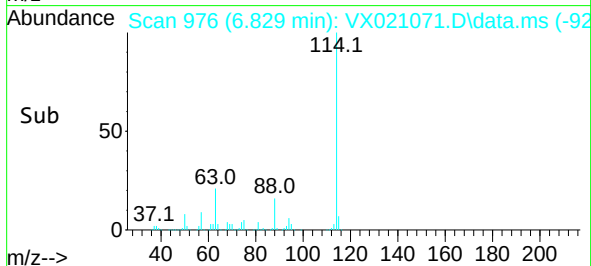


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

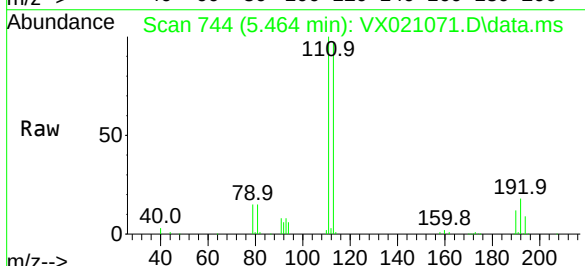
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210305



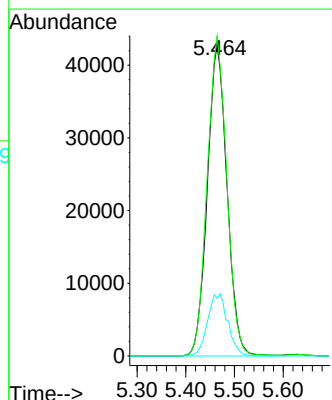
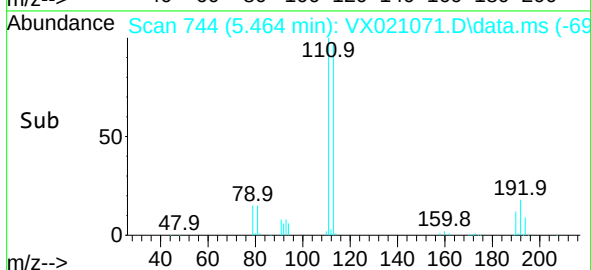
Tgt Ion:114 Resp: 378638
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.2 0.0 32.8

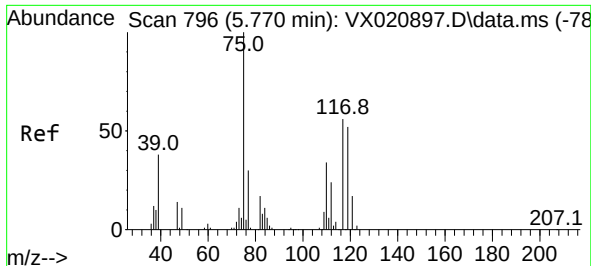


#35
Dibromofluoromethane
Concen: 52.14 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58



Tgt Ion:113 Resp: 119949
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.24 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.147 min

Lab File: VX021071.D

Acq: 08 Mar 2021 18:58

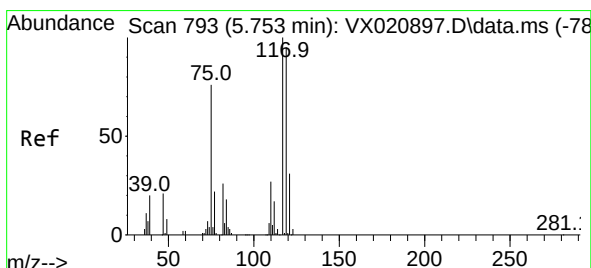
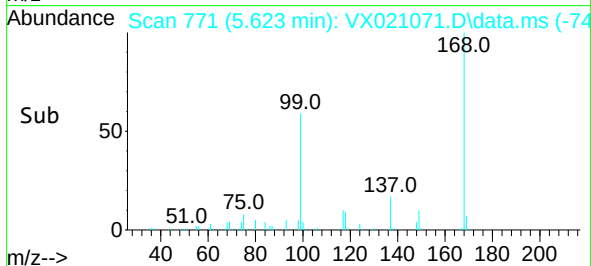
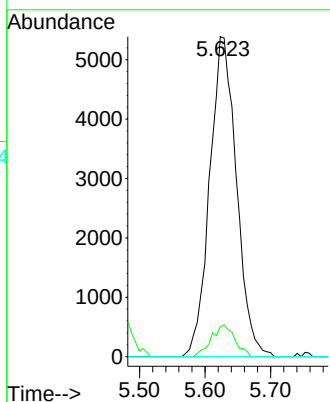
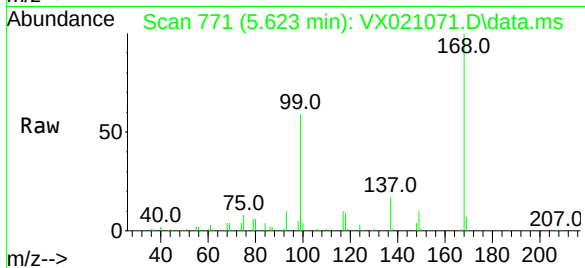
Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20210305

Tgt Ion:	75	Resp:	15278
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 5.55 ug/l

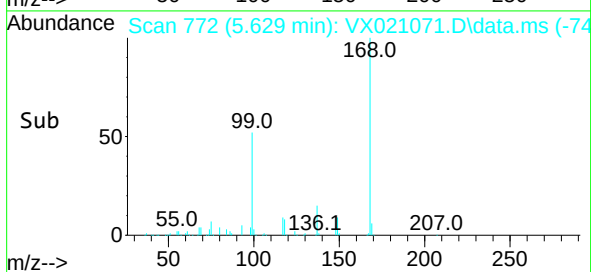
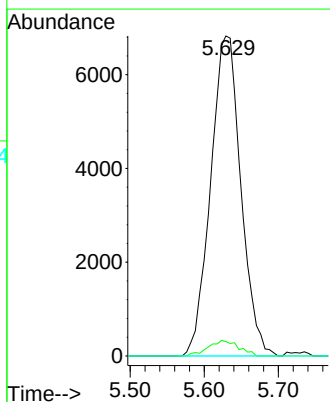
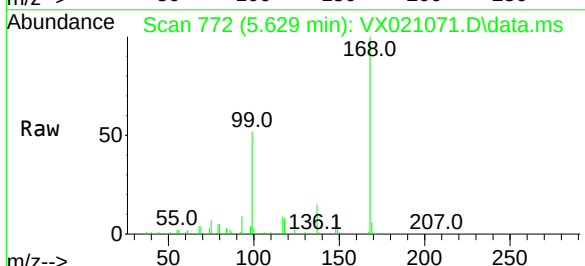
RT: 5.629 min Scan# 772

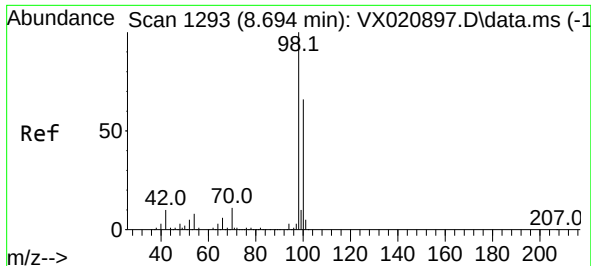
Delta R.T. -0.123 min

Lab File: VX021071.D

Acq: 08 Mar 2021 18:58

Tgt Ion:	117	Resp:	19350
Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.2#
121	0.0	24.8	37.2#

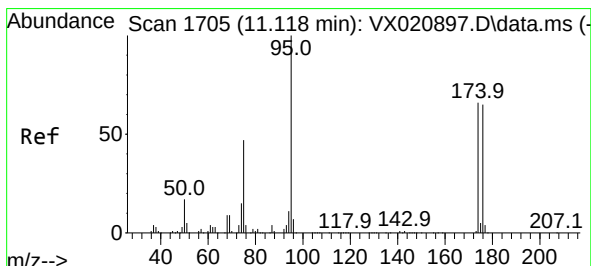
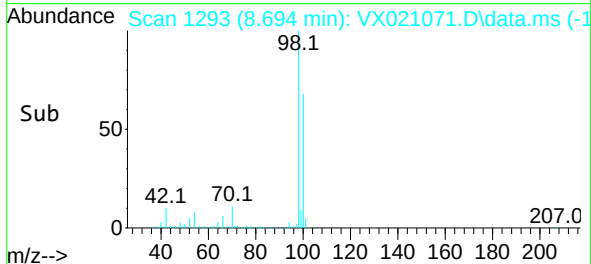
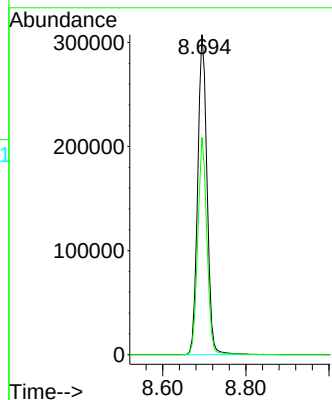
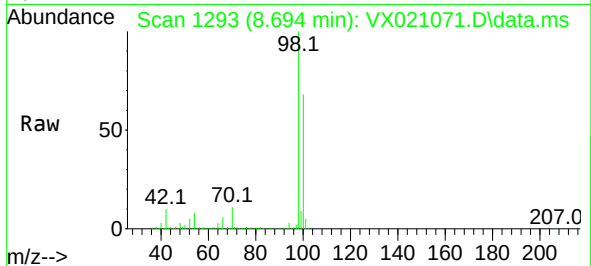




#50
Toluene-d8
Concen: 53.48 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

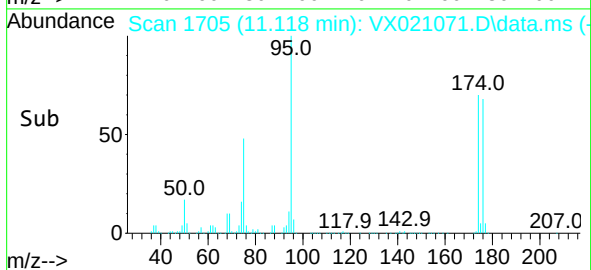
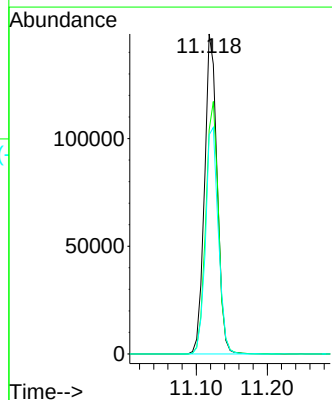
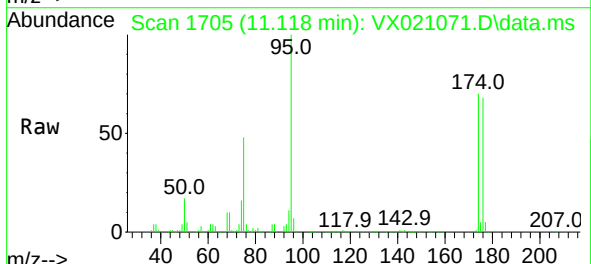
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210305

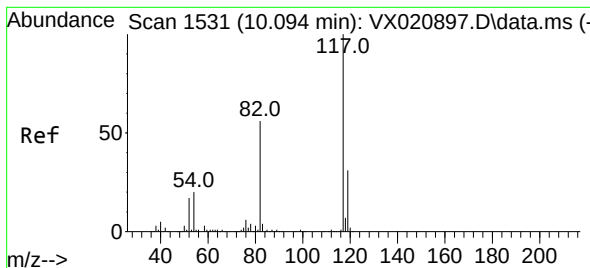
Tgt Ion: 98 Resp: 479674
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.51 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

Tgt Ion: 95 Resp: 184105
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 72.1 0.0 155.8

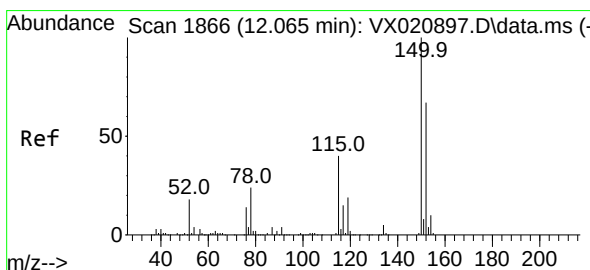
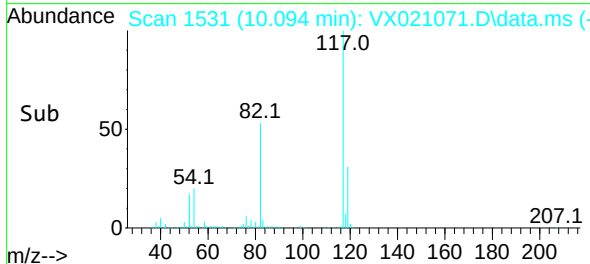
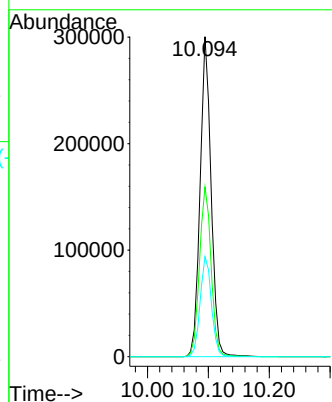
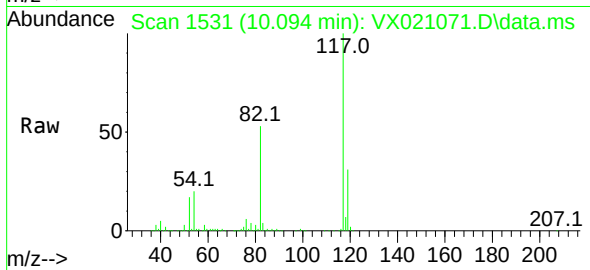




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

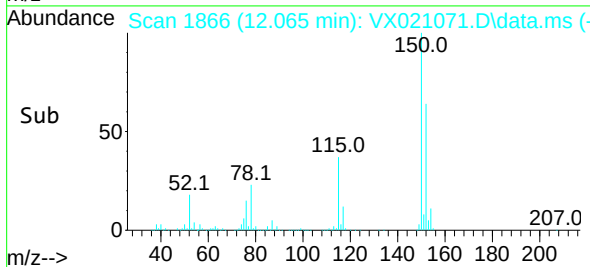
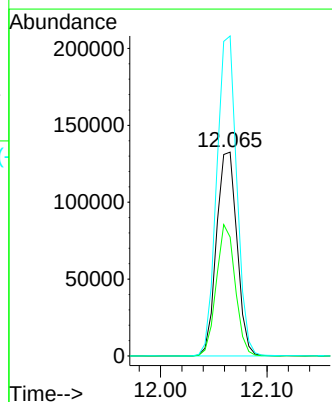
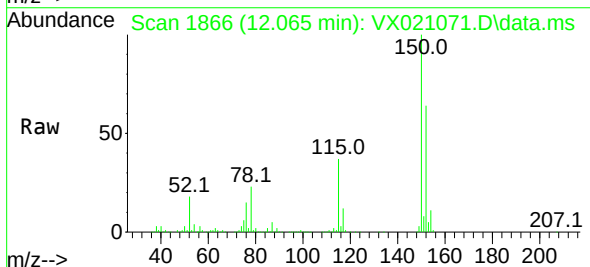
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210305

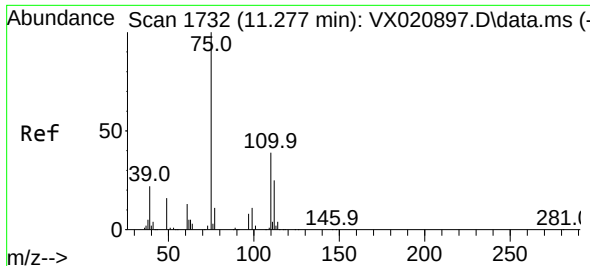
Tgt Ion:117 Resp: 377427
Ion Ratio Lower Upper
117 100
82 53.1 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

Tgt Ion:152 Resp: 177072
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 153.7 0.0 349.0

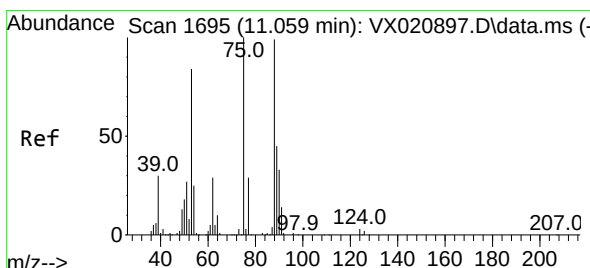
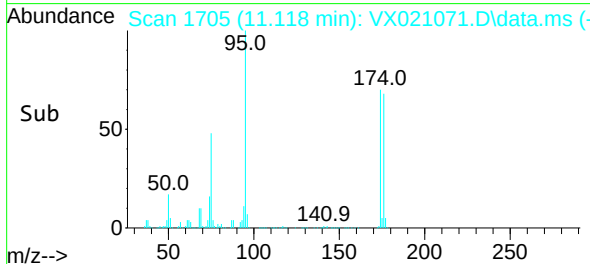
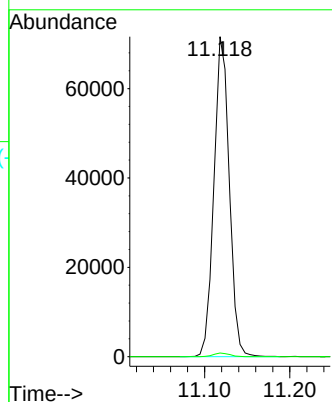
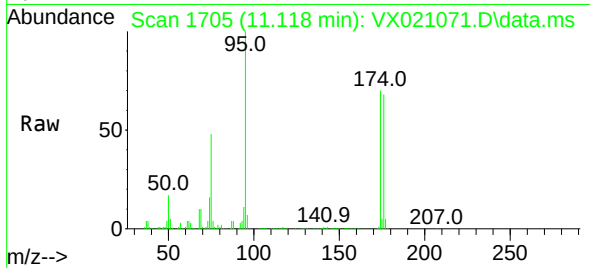




#76
1,2,3-Trichloropropane
Concen: 23.53 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210305

Tgt Ion: 75 Resp: 89630
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021071.D
Acq: 08 Mar 2021 18:58

Tgt Ion: 75 Resp: 89630
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

