

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020972.D
 Acq On : 02 Mar 2021 18:18
 Operator : JC/MD
 Sample : M1544-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20210301

Quant Time: Mar 03 01:17:24 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	204181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	365392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	344868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	146417	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	128622	46.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.28%
35) Dibromofluoromethane	5.464	113	115916	52.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.42%
50) Toluene-d8	8.694	98	454890	52.55	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.10%
62) 4-Bromofluorobenzene	11.118	95	156326	48.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.68%

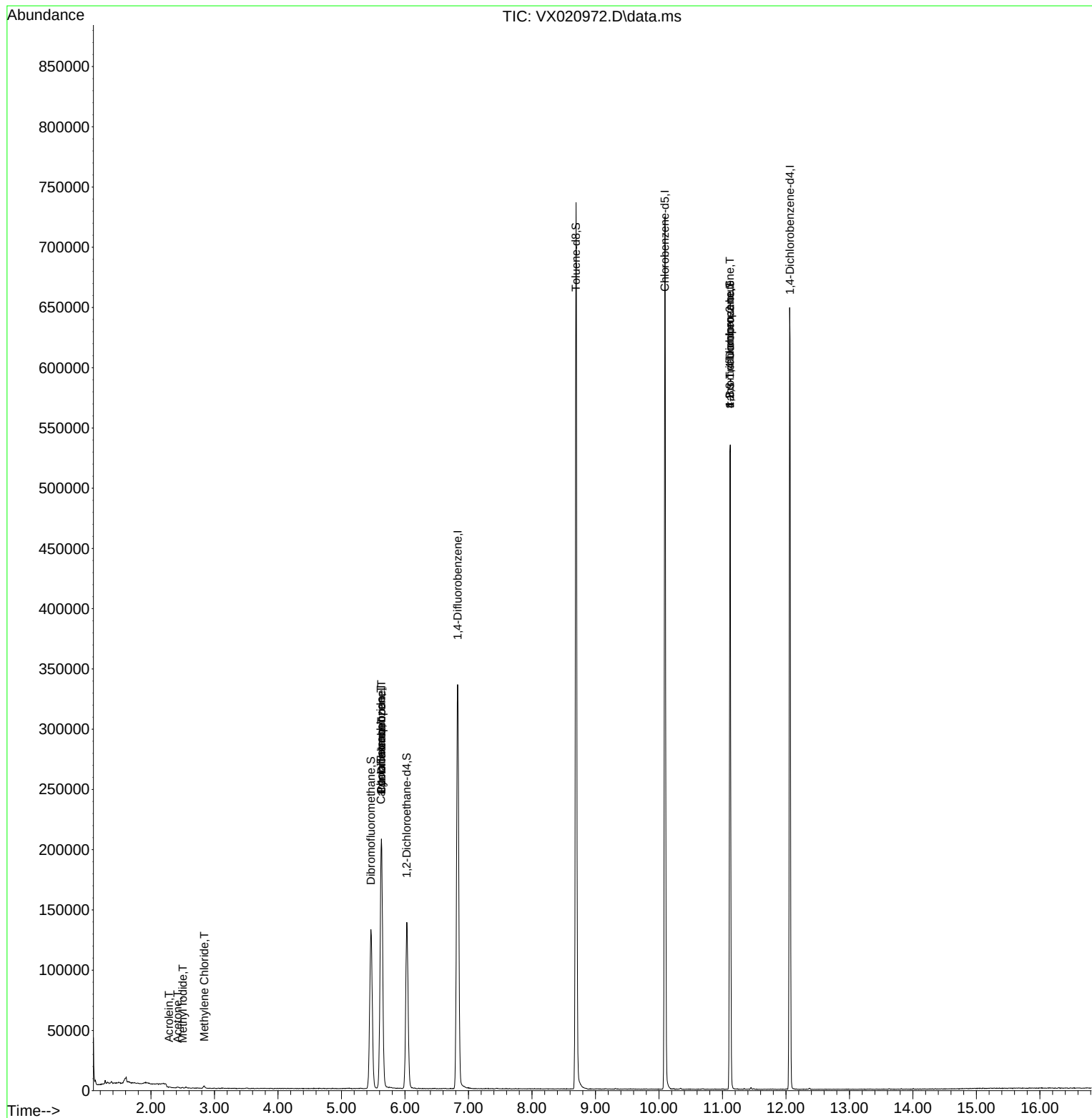
Target Compounds					Qvalue
5) Bromomethane	1.646	94	442	Below Cal	82
10) Methyl Iodide	2.499	142	654	0.22 ug/l #	86
13) Acrolein	2.281	56	77	0.20 ug/l #	1
16) Acetone	2.416	43	638	0.56 ug/l	91
20) Methylene Chloride	2.840	84	949	0.35 ug/l	91
31) Cyclohexane	5.629	56	4040	1.01 ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15316	4.41 ug/l #	48
38) Carbon Tetrachloride	5.623	117	19487	5.79 ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	73925	23.47 ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	73925	51.96 ug/l #	12

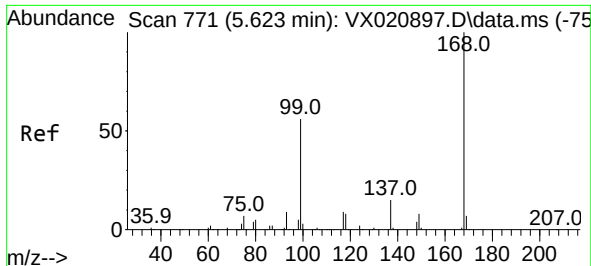
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 03 01:17:24 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

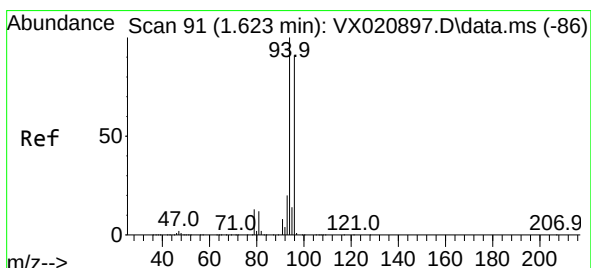
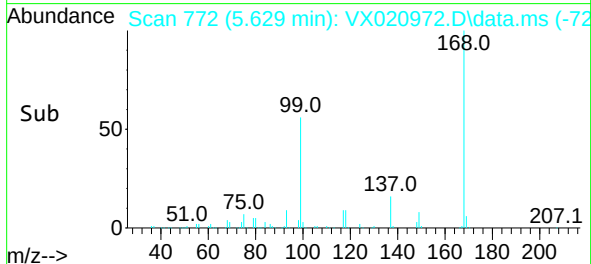
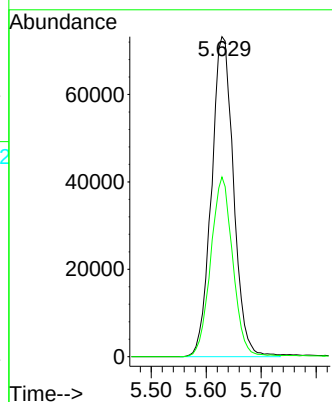
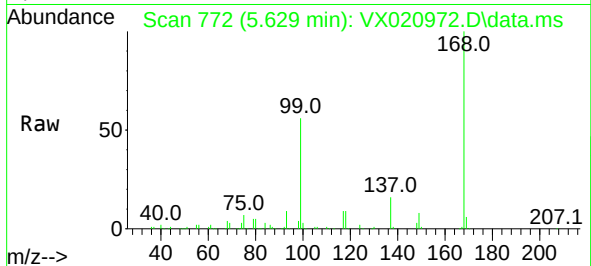




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

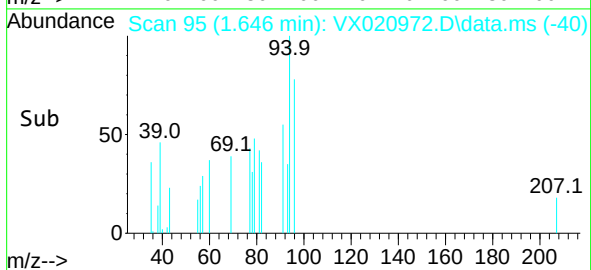
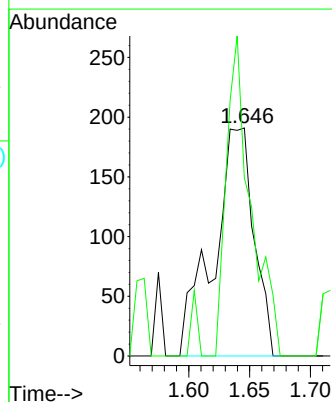
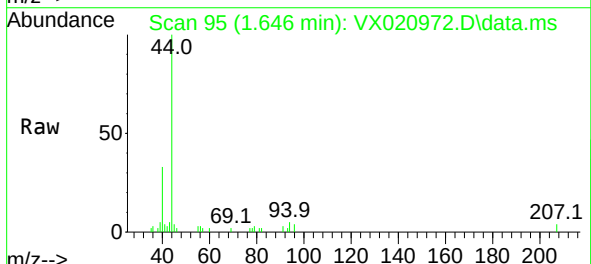
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210301

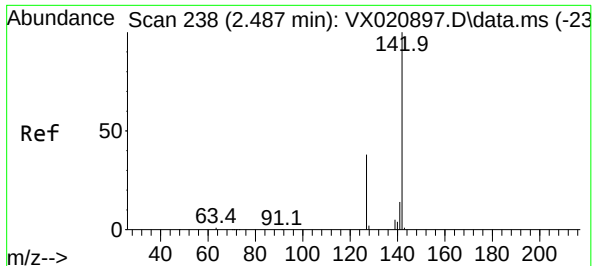
Tgt Ion:168 Resp: 204181
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 78.0 76.4 114.6

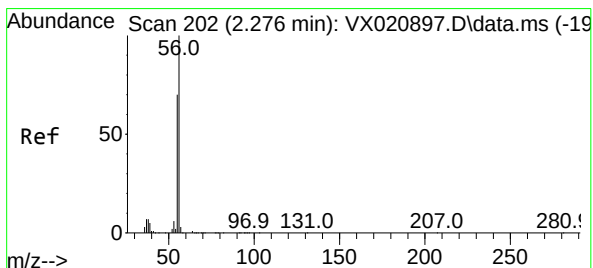
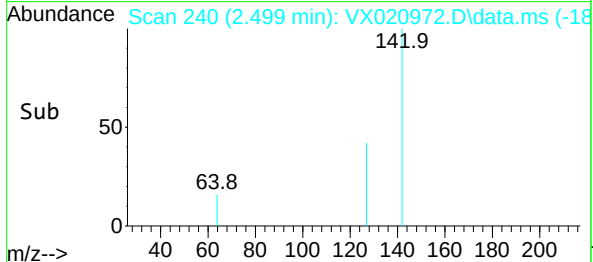
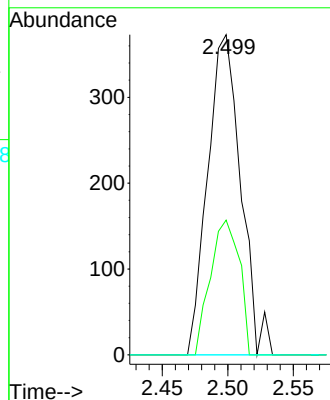
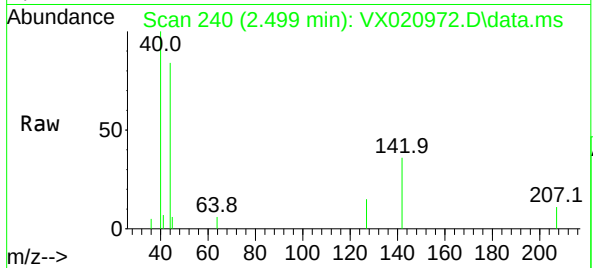




#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.011 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

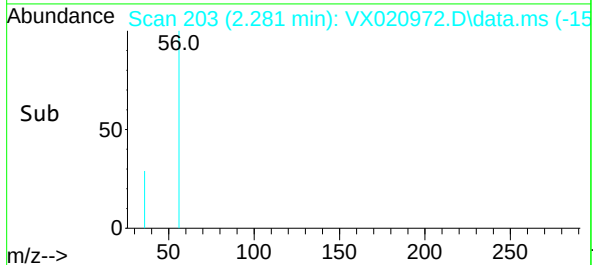
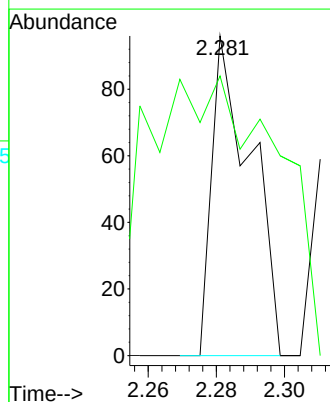
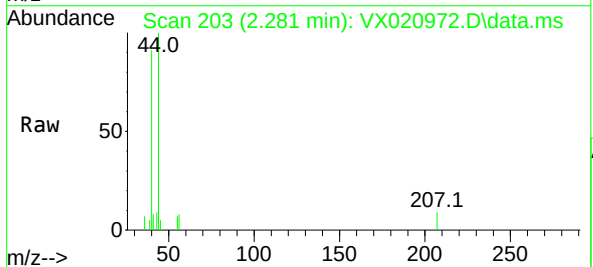
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210301

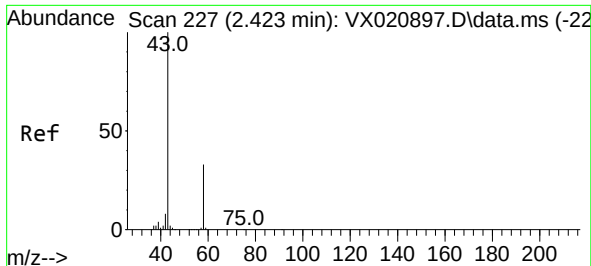
Tgt Ion:142 Resp: 654
Ion Ratio Lower Upper
142 100
127 36.9 33.3 49.9
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.20 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 285.7 56.4 84.6#

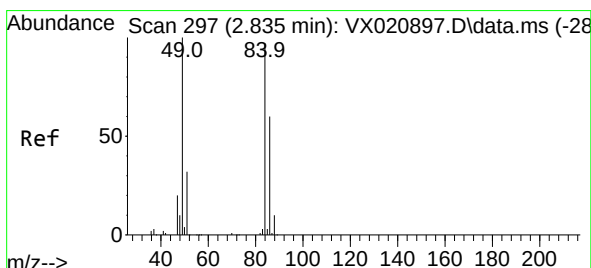
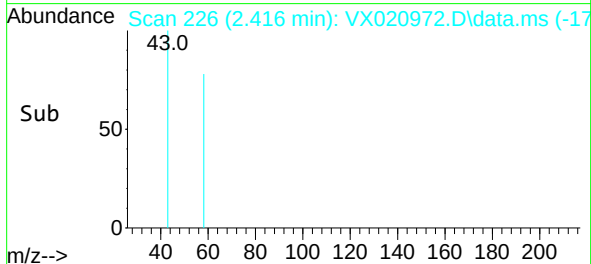
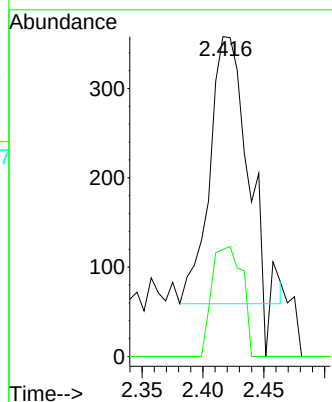
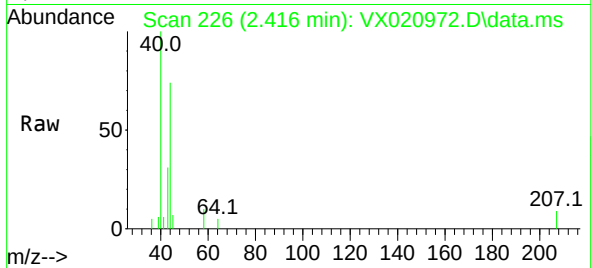




#16
Acetone
Concen: 0.56 ug/l
RT: 2.416 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

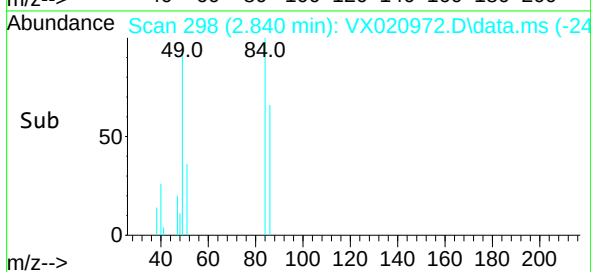
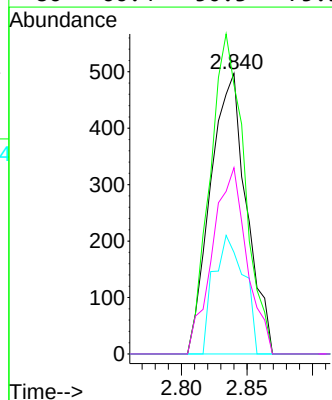
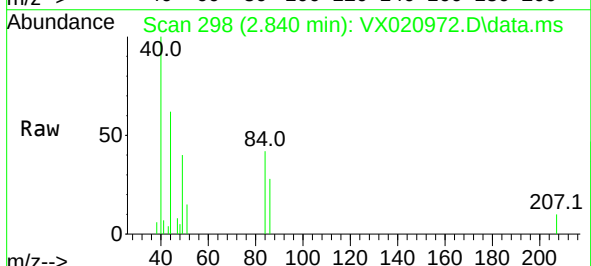
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210301

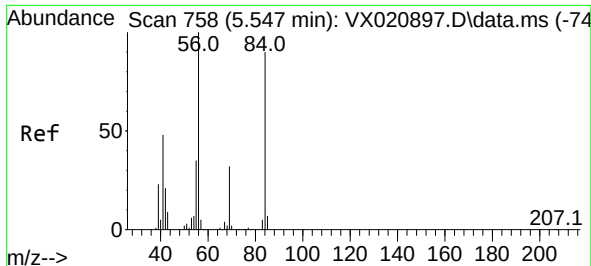
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 40.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.005 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

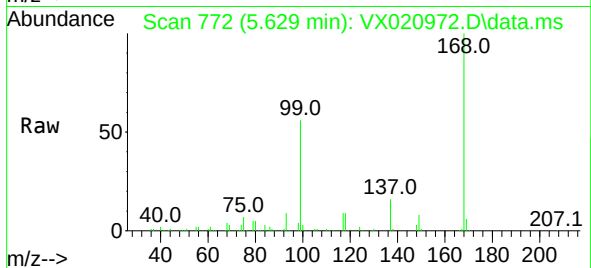
Tgt Ion: 84 Resp: 949
Ion Ratio Lower Upper
84 100
49 96.0 88.6 132.8
51 36.2 27.0 40.6
86 66.4 50.3 75.5



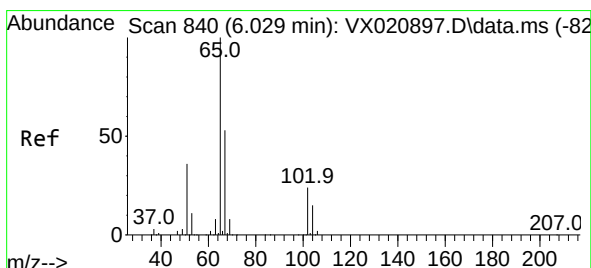
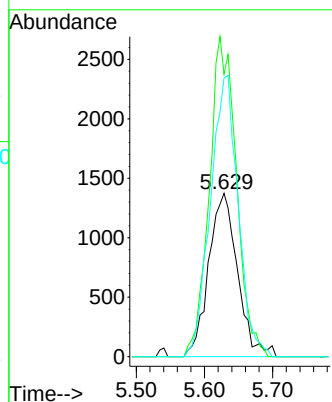
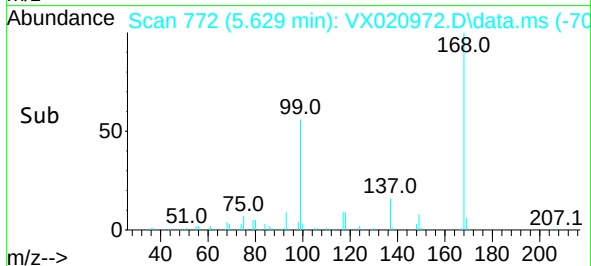


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

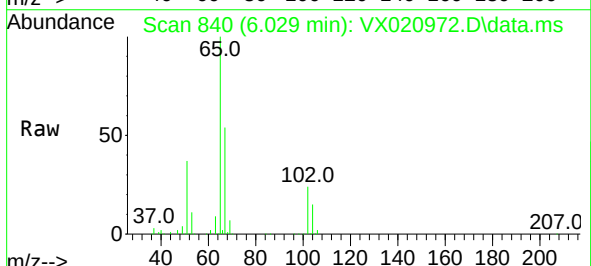
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210301



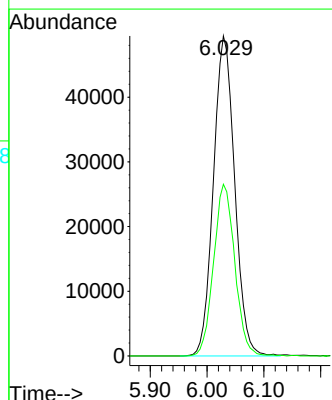
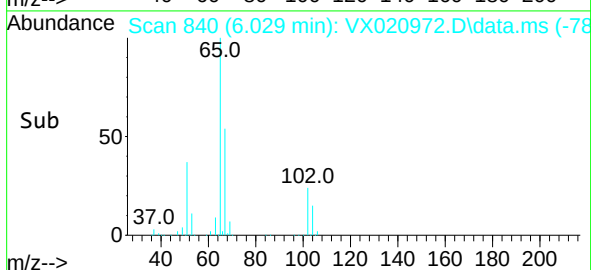
Tgt Ion: 56 Resp: 4040
Ion Ratio Lower Upper
56 100
69 173.1 25.3 37.9#
84 170.6 71.4 107.0#

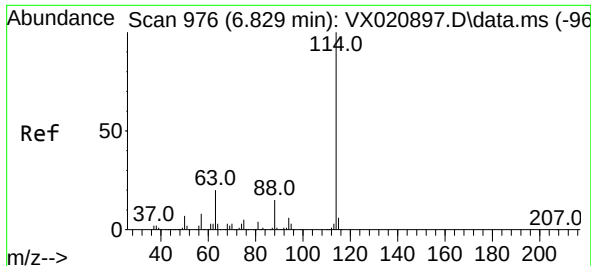


#33
1,2-Dichloroethane-d4
Concen: 46.64 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18



Tgt Ion: 65 Resp: 128622
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

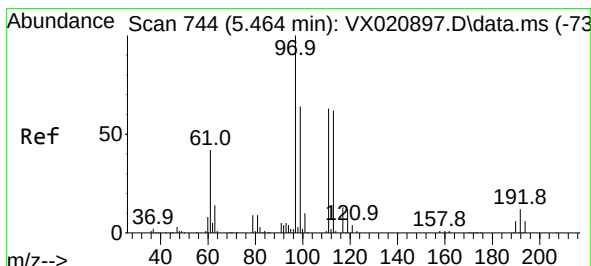
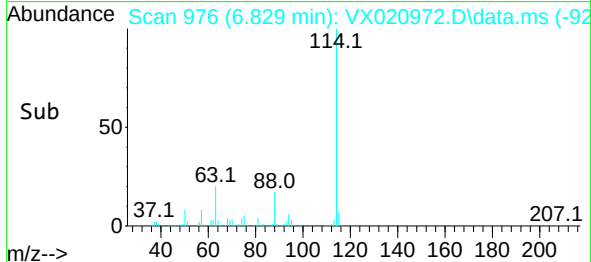
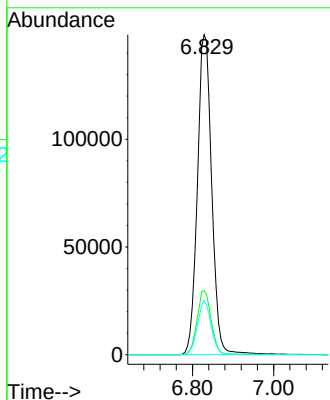
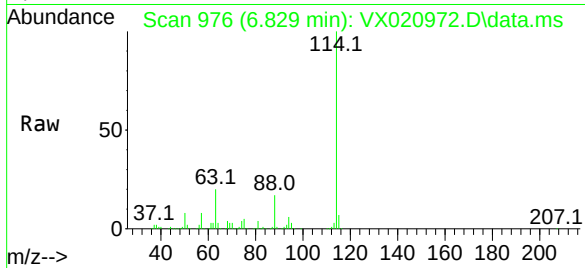




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

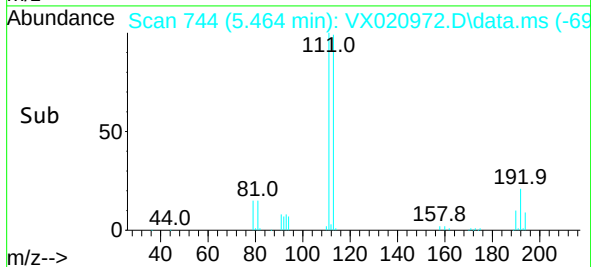
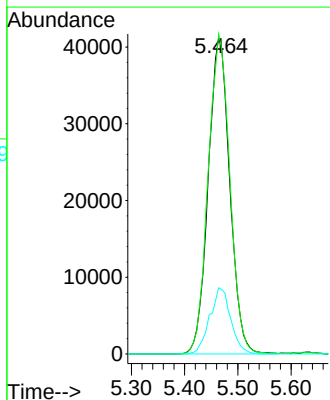
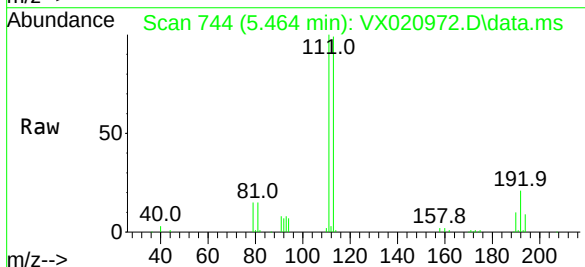
Instrument :
MSVOA_X
ClientSampleId :
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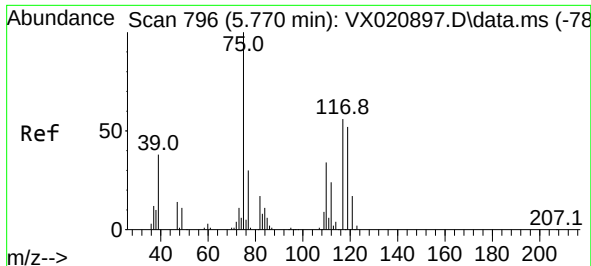
Tgt Ion:114 Resp: 365392
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.21 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

Tgt Ion:113 Resp: 115916
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.41 ug/l

RT: 5.629 min Scan# 772

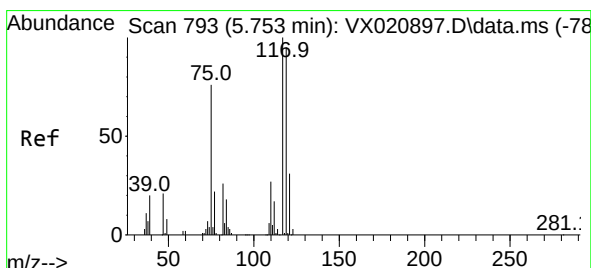
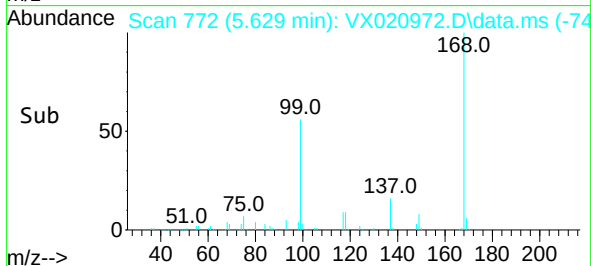
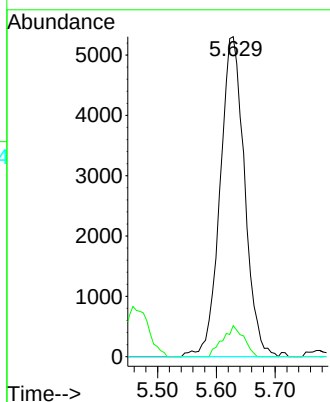
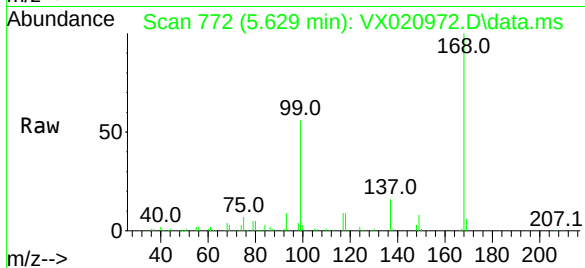
Delta R.T. -0.142 min

Lab File: VX020972.D

Acq: 02 Mar 2021 18:18

Tgt Ion:	75	Resp:	15316
Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210301



#38

Carbon Tetrachloride

Concen: 5.79 ug/l

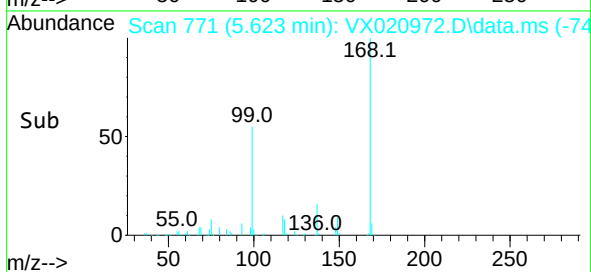
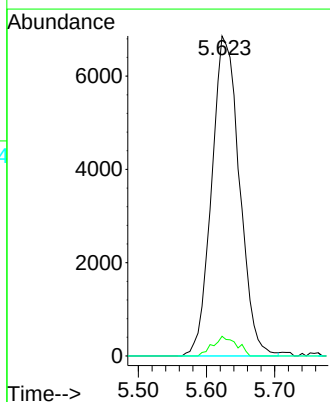
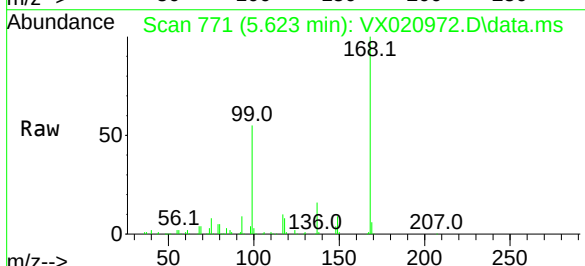
RT: 5.623 min Scan# 771

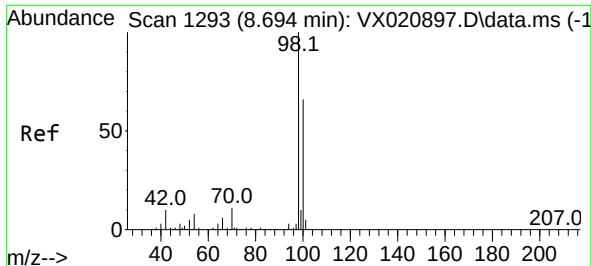
Delta R.T. -0.130 min

Lab File: VX020972.D

Acq: 02 Mar 2021 18:18

Tgt Ion:	117	Resp:	19487
Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.2	114.2#
121	0.0	24.8	37.2#

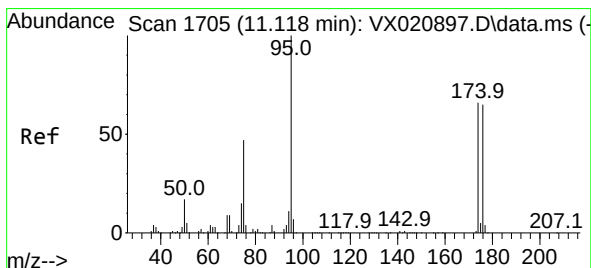
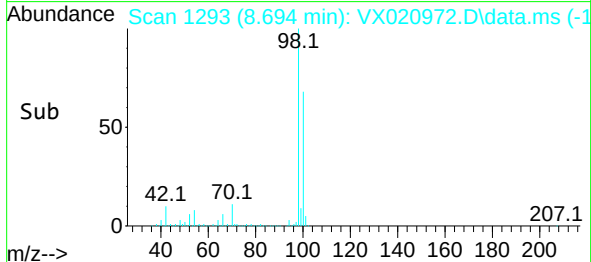
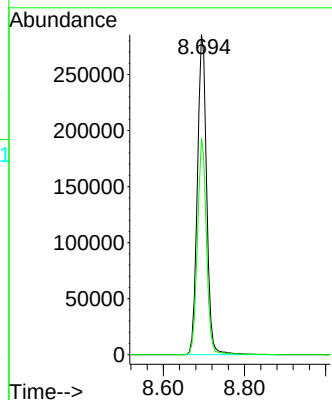
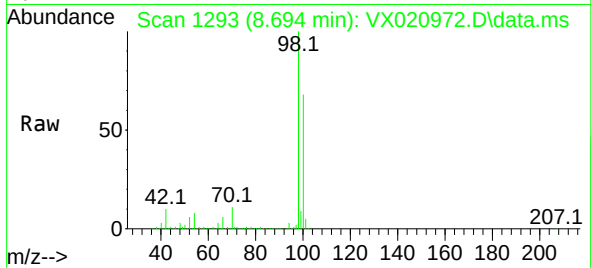




#50
Toluene-d8
Concen: 52.55 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

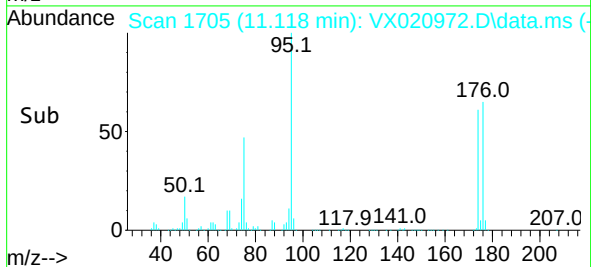
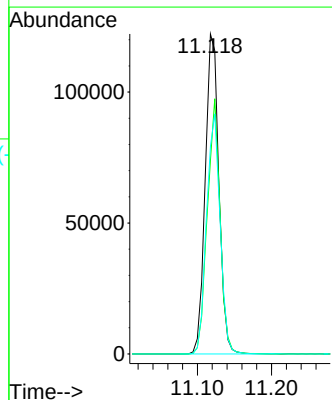
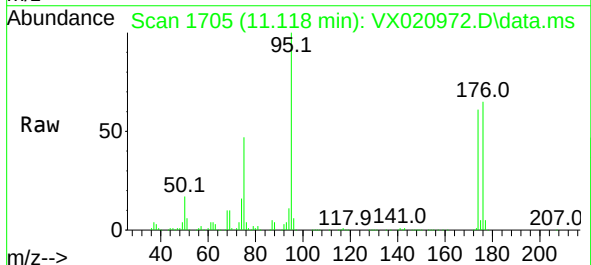
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210301

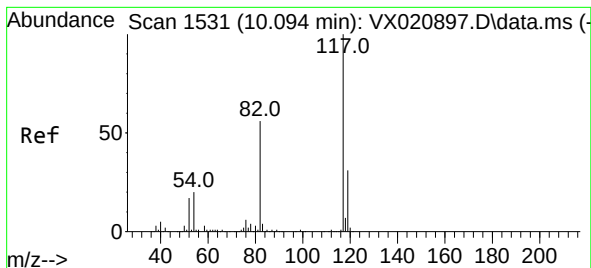
Tgt Ion: 98 Resp: 454890
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.84 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

Tgt Ion: 95 Resp: 156326
Ion Ratio Lower Upper
95 100
174 74.6 0.0 154.6
176 74.8 0.0 155.8

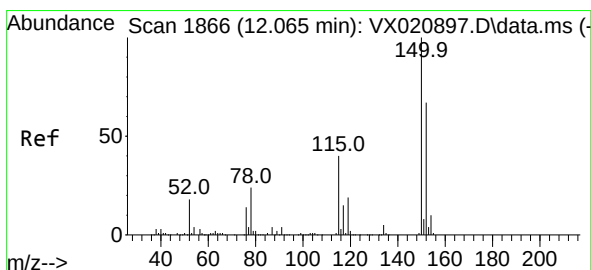
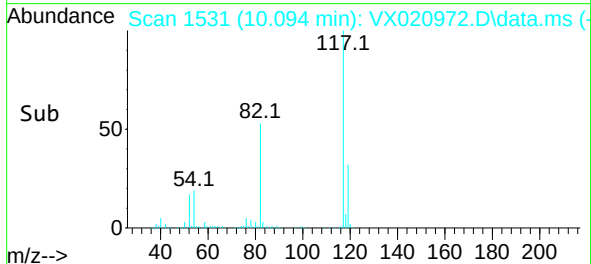
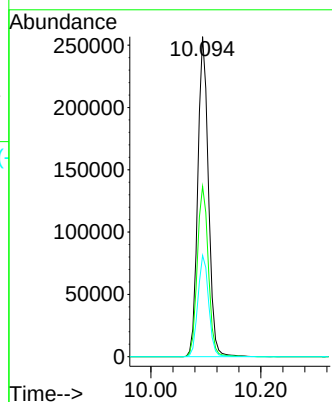
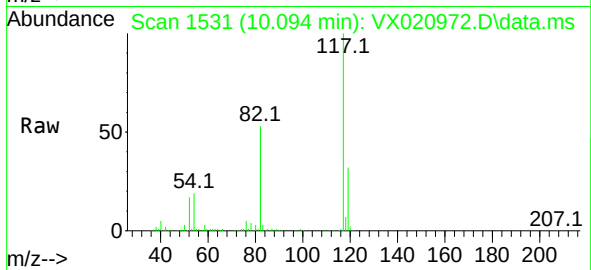




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

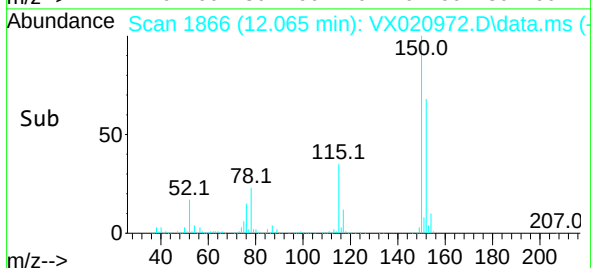
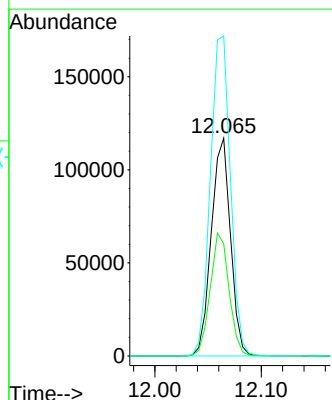
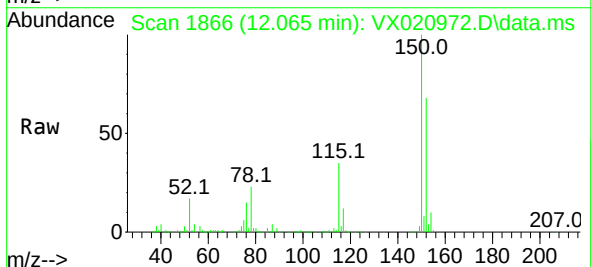
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210301

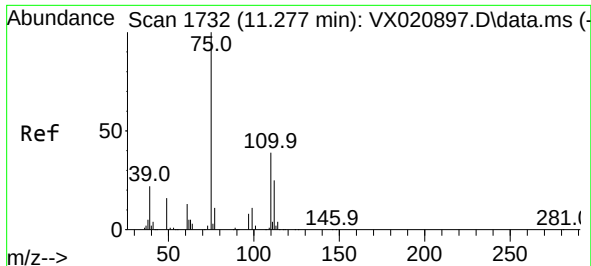
Tgt Ion:117 Resp: 344868
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

Tgt Ion:152 Resp: 146417
Ion Ratio Lower Upper
152 100
115 55.4 41.1 123.3
150 153.7 0.0 349.0

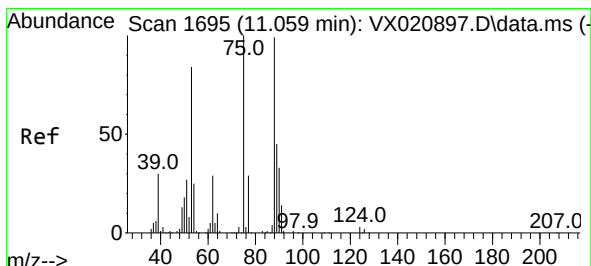
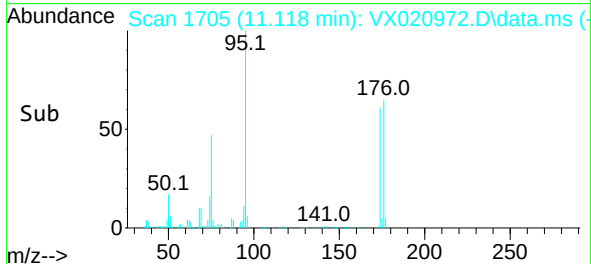
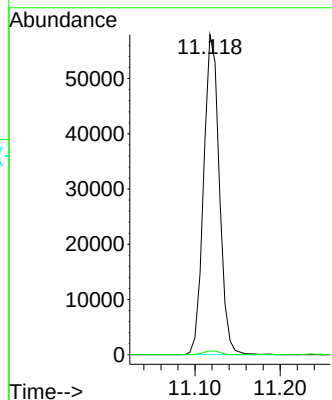
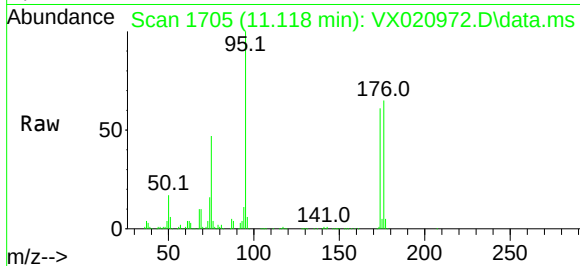




#76
1,2,3-Trichloropropane
Concen: 23.47 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210301

Tgt Ion: 75 Resp: 73925
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.96 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.058 min
Lab File: VX020972.D
Acq: 02 Mar 2021 18:18

Tgt Ion: 75 Resp: 73925
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

