

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021845.D
 Acq On : 23 Apr 2021 16:22
 Operator : JC/MD
 Sample : M2163-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20210422

Quant Time: Apr 26 04:05:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	182556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	304826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	279198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	138413	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	100851	48.70	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.40%
35) Dibromofluoromethane	5.464	113	96359	49.43	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.86%
50) Toluene-d8	8.695	98	363159	48.45	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.90%
62) 4-Bromofluorobenzene	11.122	95	132389	47.30	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.60%

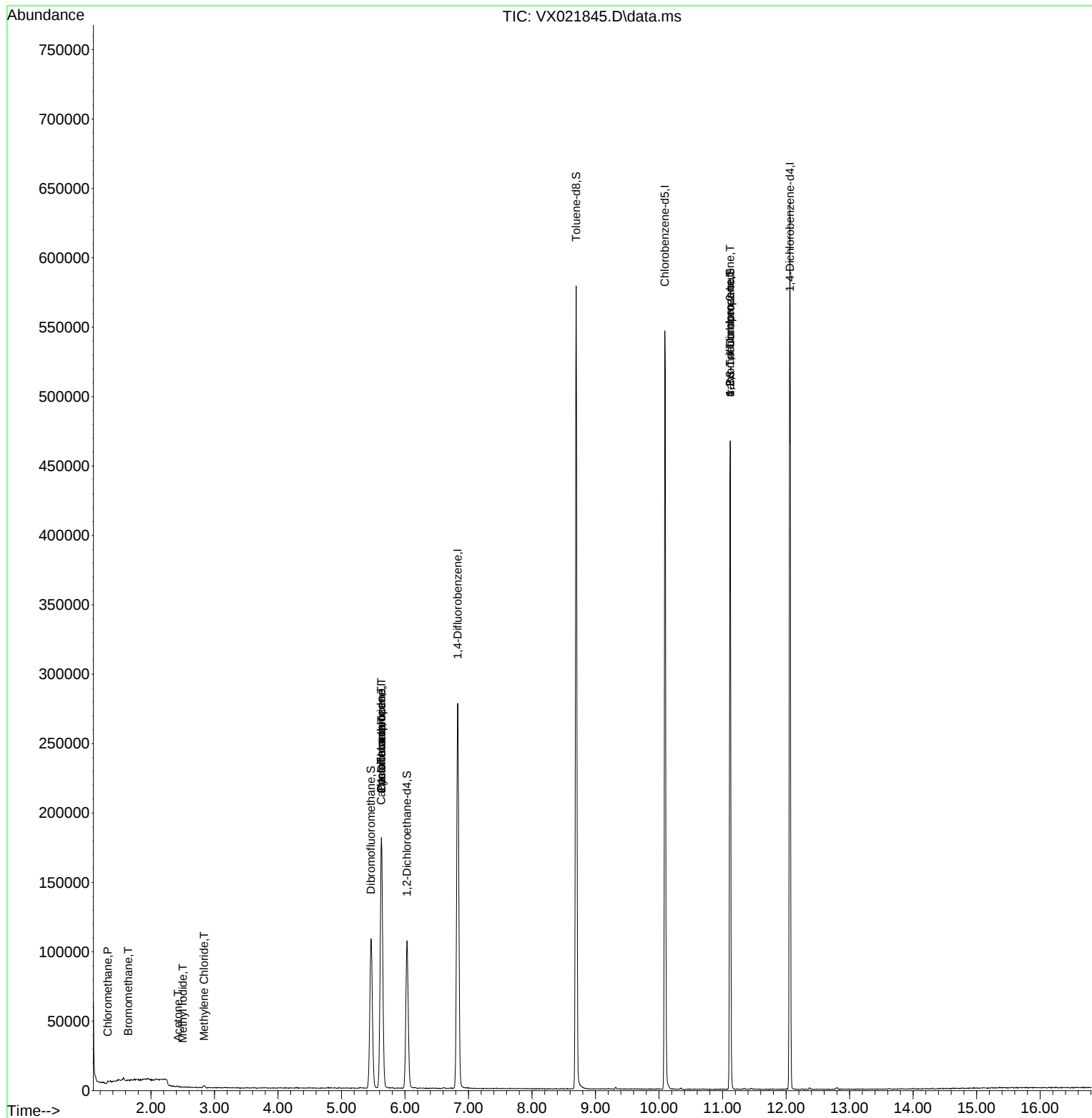
Target Compounds						Qvalue
3) Chloromethane	1.319	50	655	0.58	ug/l	89
5) Bromomethane	1.642	94	252	0.27	ug/l	97
10) Methyl Iodide	2.501	142	56	8.18	ug/l #	42
16) Acetone	2.428	43	624	0.88	ug/l #	40
20) Methylene Chloride	2.837	84	865	0.41	ug/l #	83
31) Cyclohexane	5.629	56	2942	1.01	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	12149	4.51	ug/l #	49
38) Carbon Tetrachloride	5.623	117	16575	5.63	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	60072	21.89	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	60072	50.33	ug/l #	12

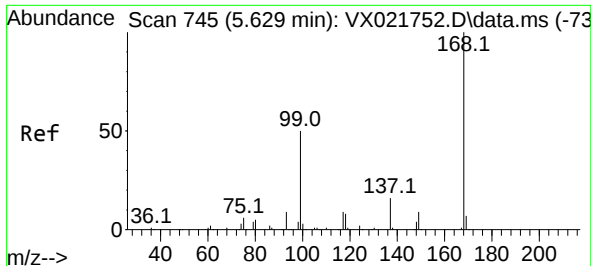
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 04:05:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

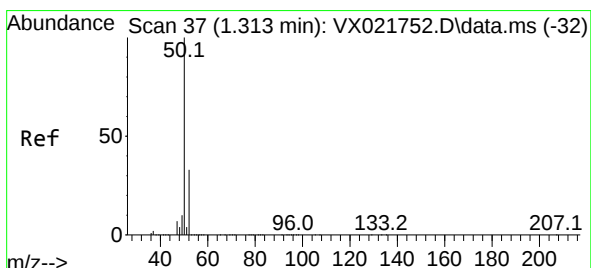
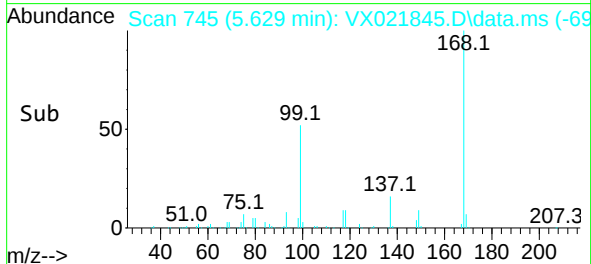
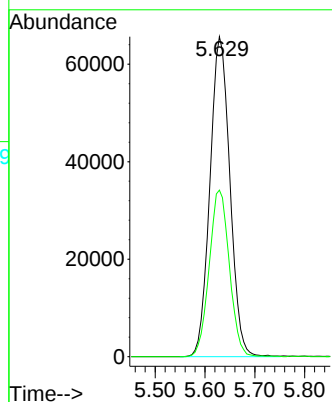
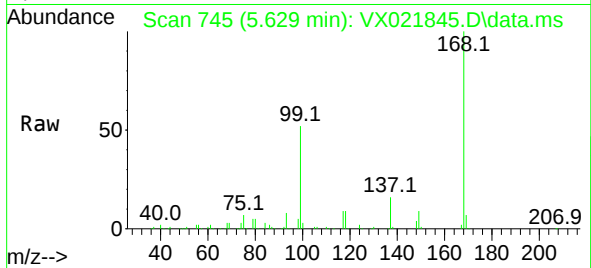




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

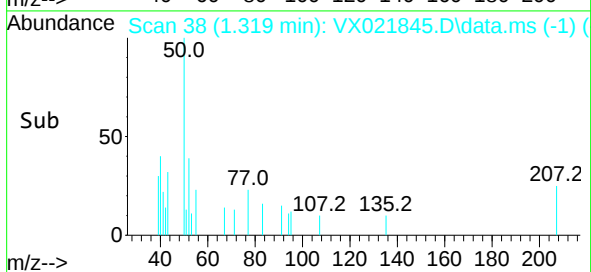
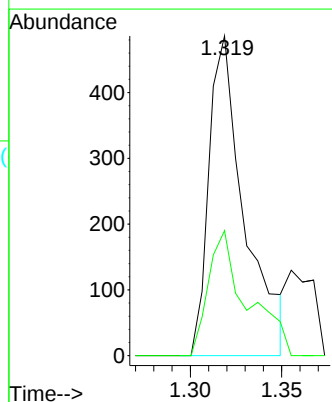
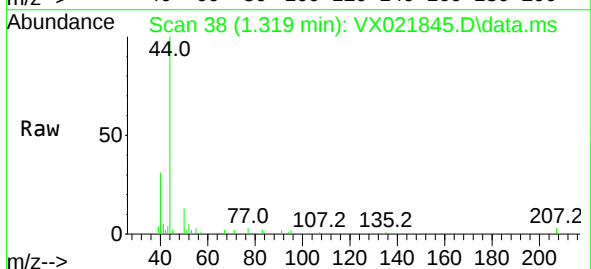
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210422

Tgt Ion:168 Resp: 182556
Ion Ratio Lower Upper
168 100
99 52.0 45.8 68.6



#3
Chloromethane
Concen: 0.58 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 50 Resp: 655
Ion Ratio Lower Upper
50 100
52 39.1 26.4 39.6

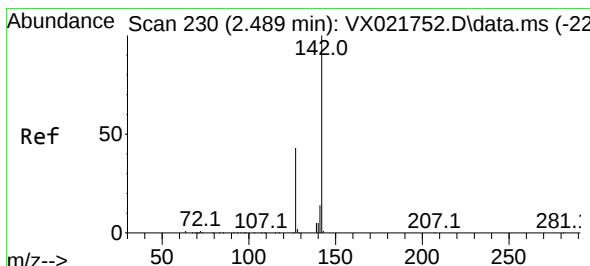
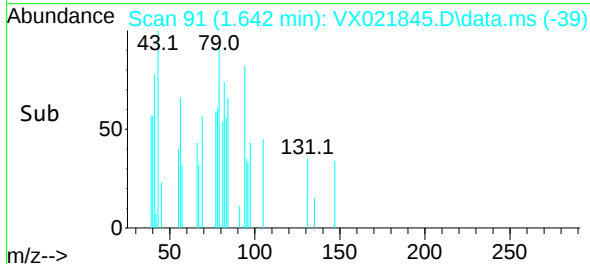
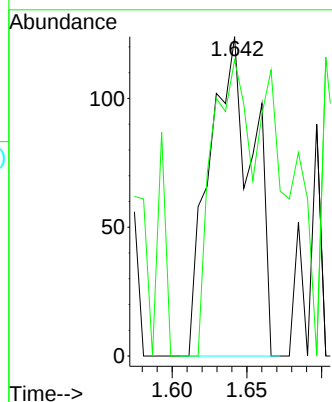
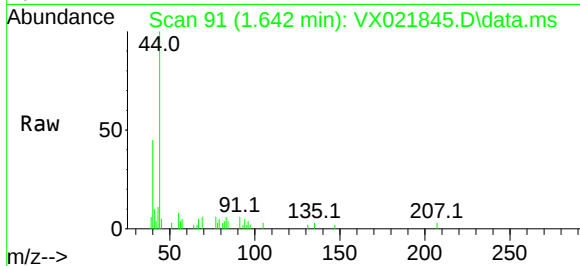




#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

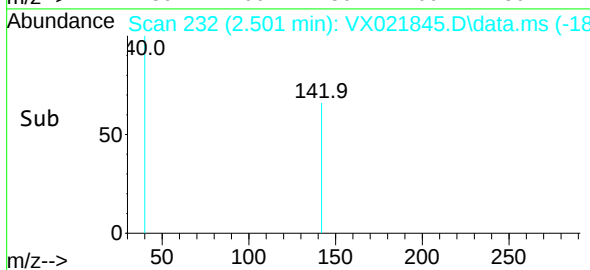
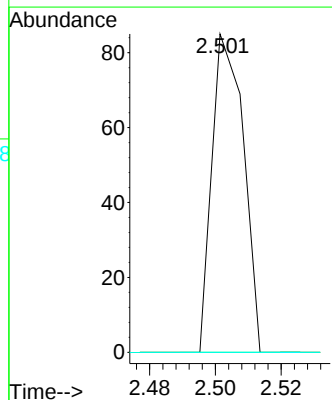
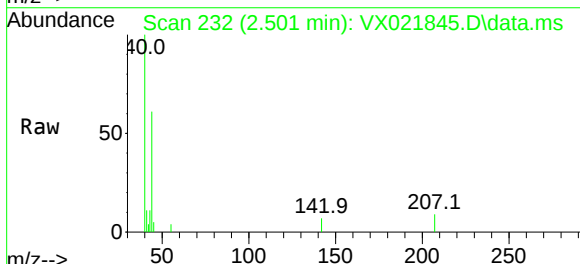
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210422

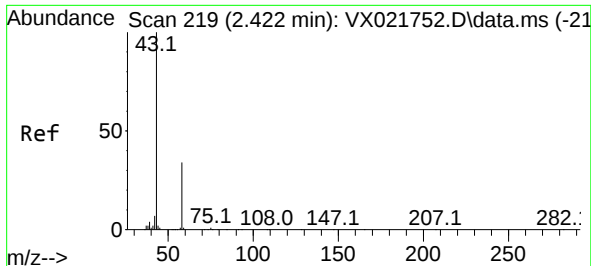
Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 92.7 76.4 114.6



#10
Methyl Iodide
Concen: 8.18 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

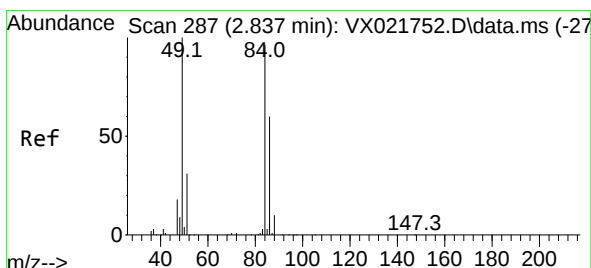
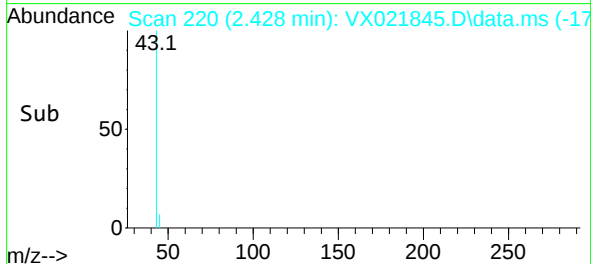
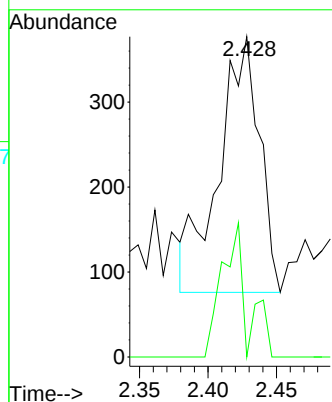
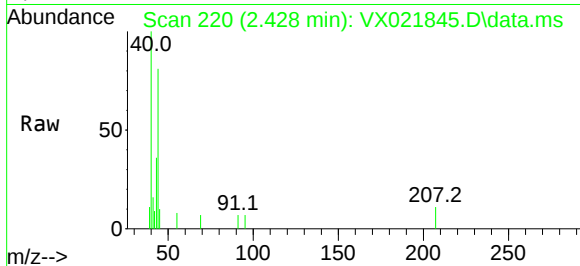




#16
Acetone
Concen: 0.88 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.006 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

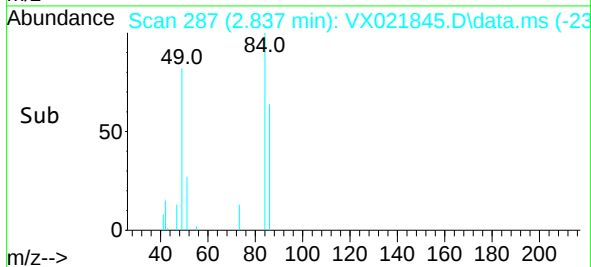
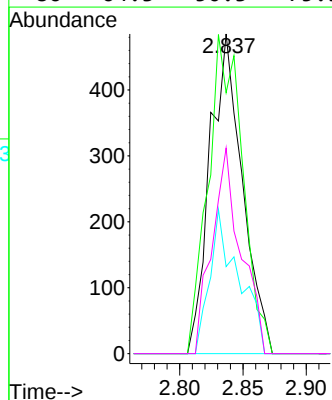
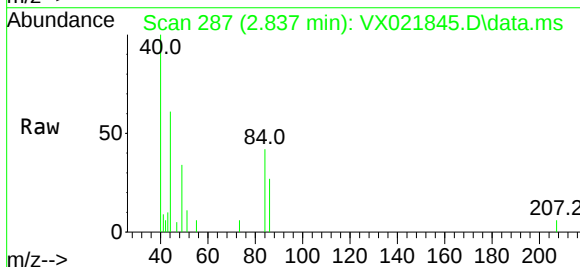
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210422

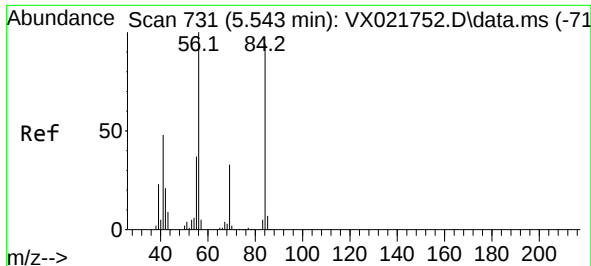
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

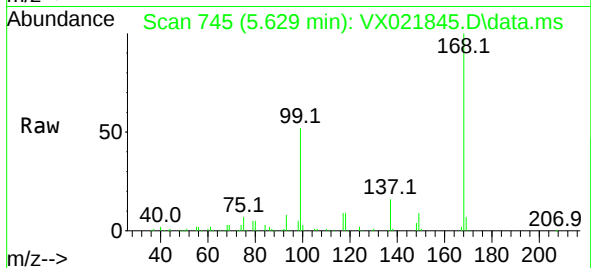
Tgt Ion: 84 Resp: 865
Ion Ratio Lower Upper
84 100
49 81.6 88.6 132.8#
51 27.2 27.0 40.6
86 64.3 50.3 75.5



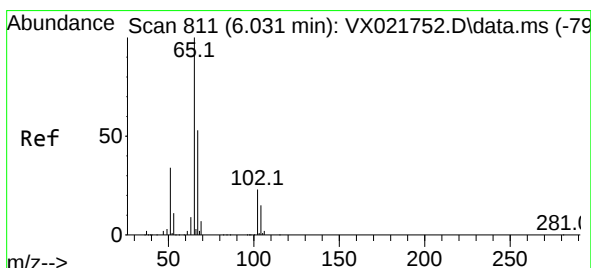
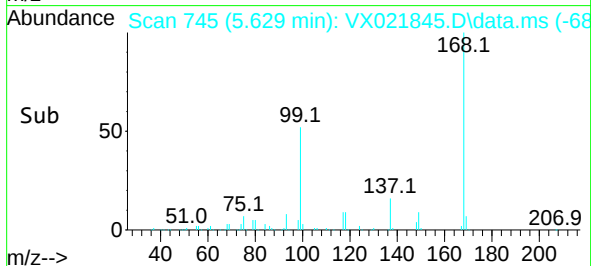
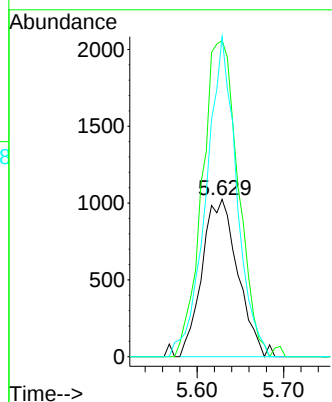


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210422

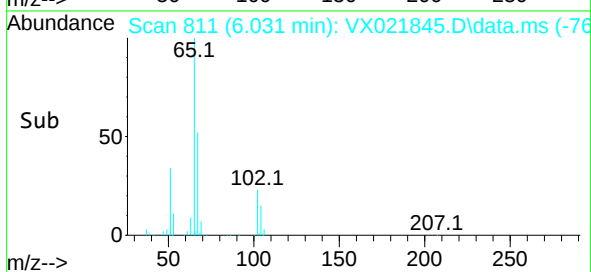
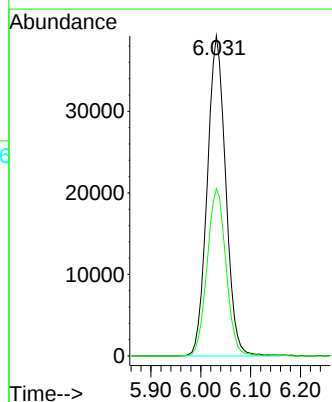
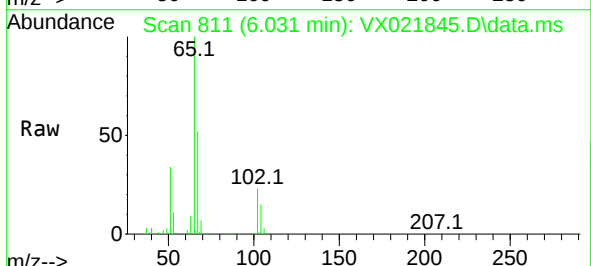


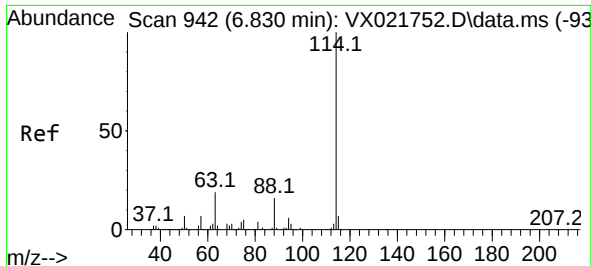
Tgt Ion: 56 Resp: 2942
Ion Ratio Lower Upper
56 100
69 194.4 25.3 37.9#
84 203.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.70 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

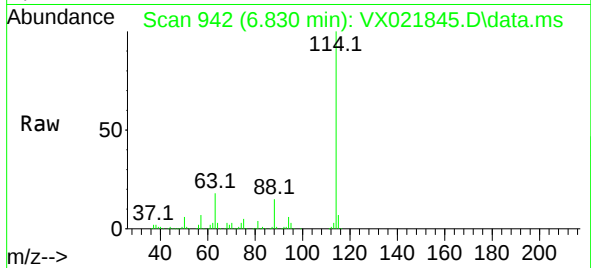
Tgt Ion: 65 Resp: 100851
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4



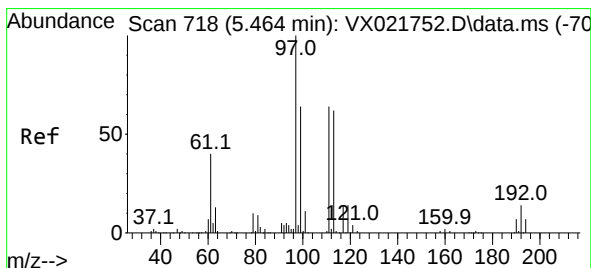
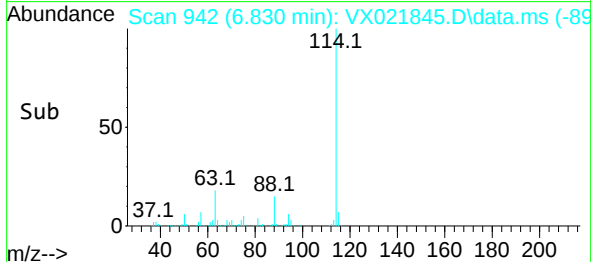
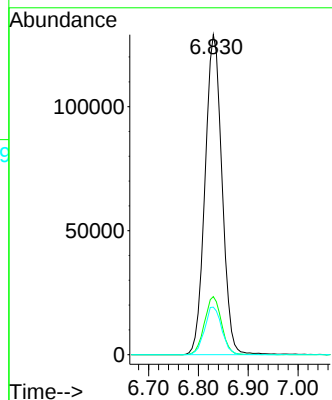


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
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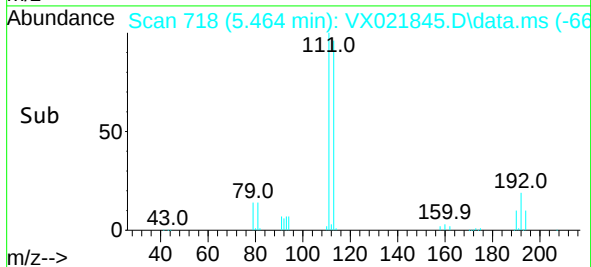
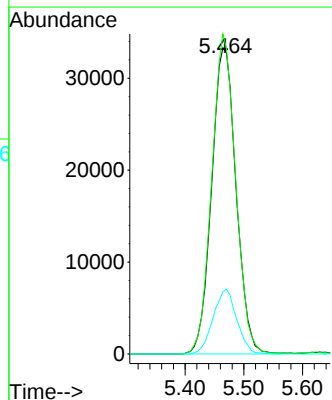
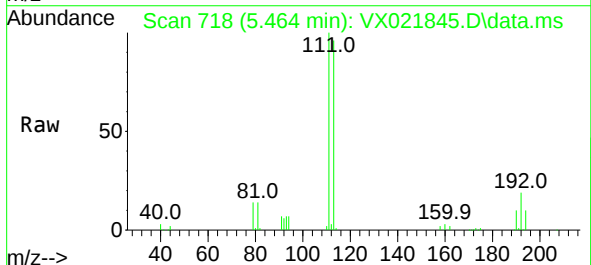


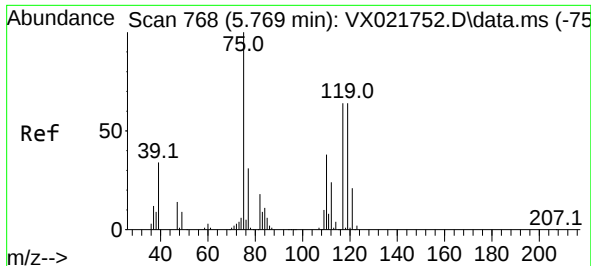
Tgt Ion:114 Resp: 304826
Ion Ratio Lower Upper
114 100
63 18.2 0.0 40.8
88 14.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.43 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

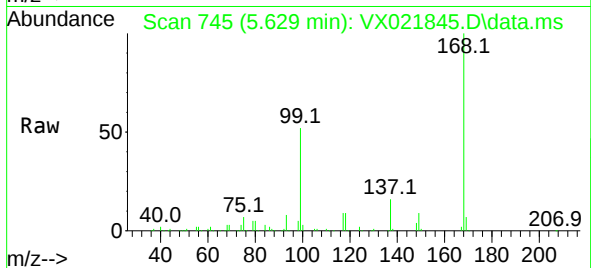
Tgt Ion:113 Resp: 96359
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 20.4 16.7 25.1



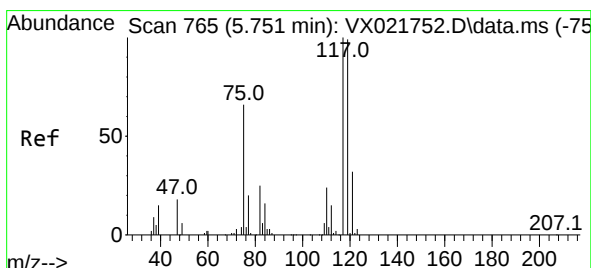
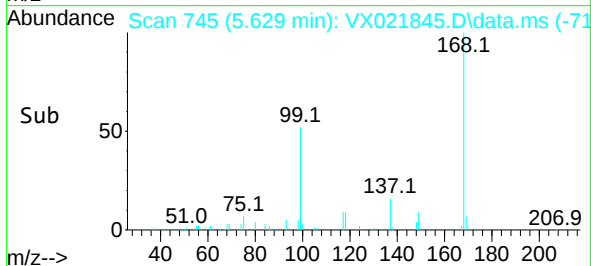
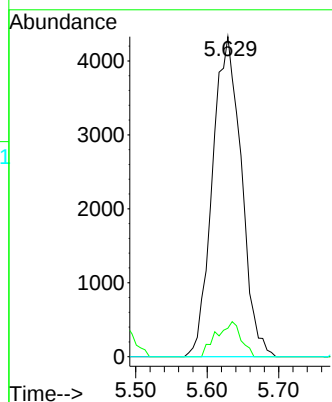


#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210422

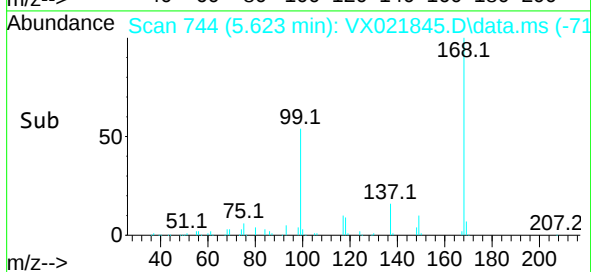
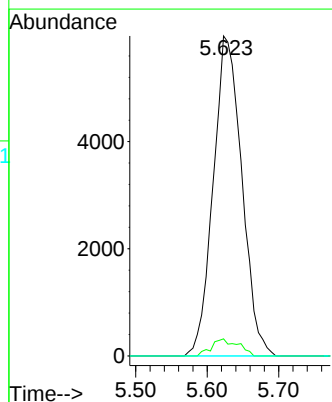
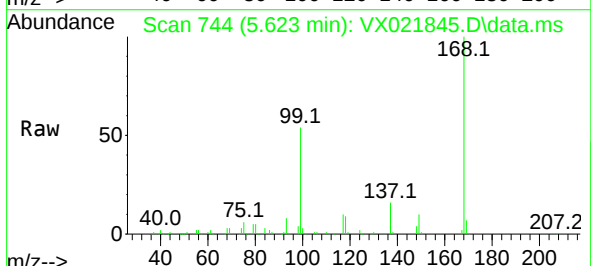


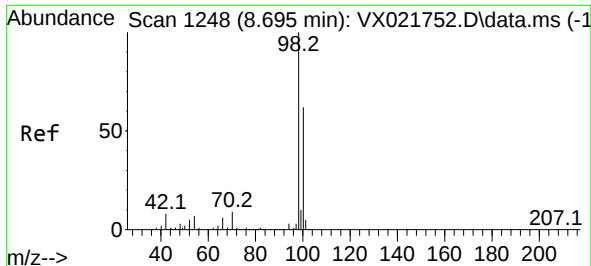
Tgt Ion: 75 Resp: 12149
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 117 Resp: 16575
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

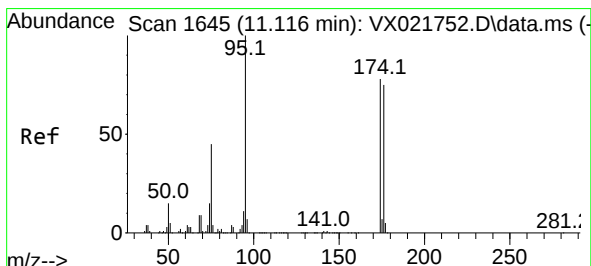
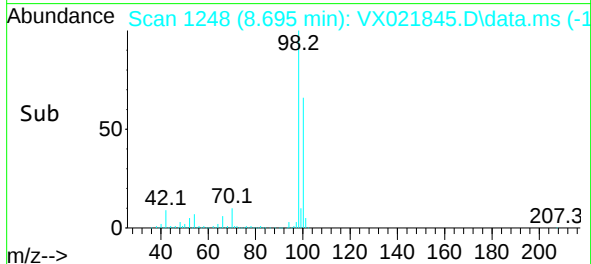
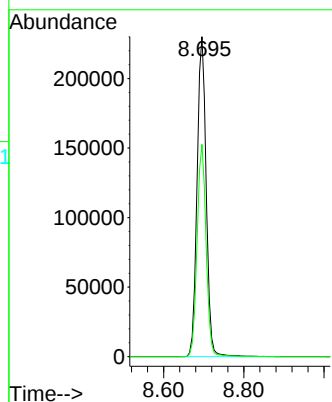
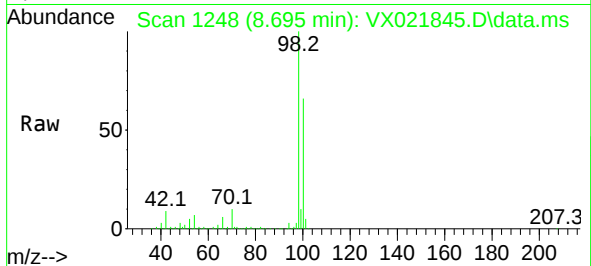




#50
Toluene-d8
Concen: 48.45 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

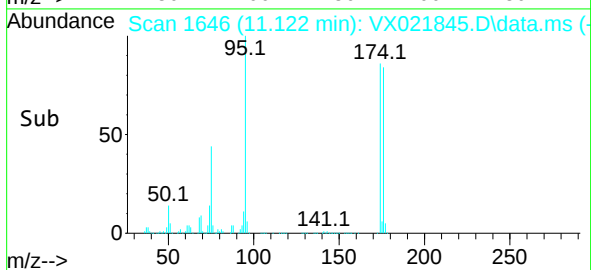
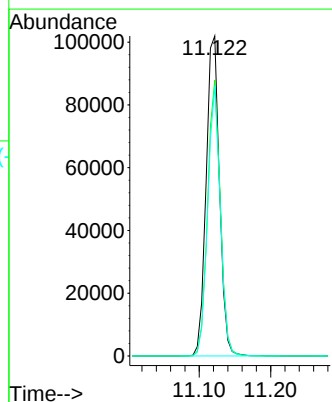
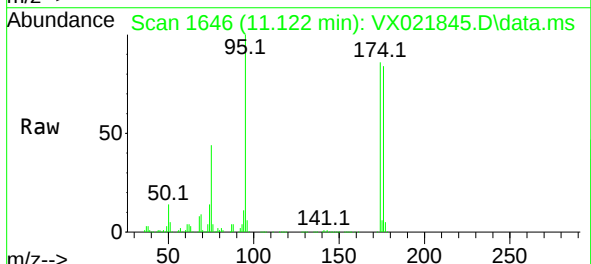
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210422

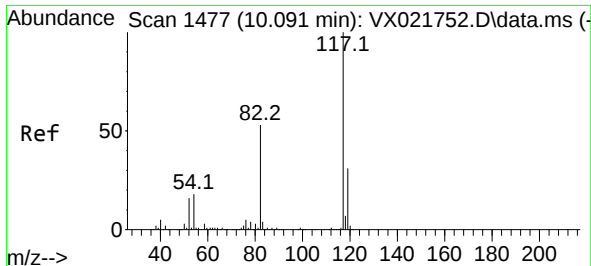
Tgt Ion: 98 Resp: 363159
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.30 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 95 Resp: 132389
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 79.6 0.0 155.8

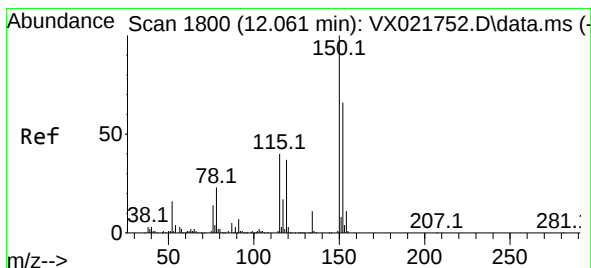
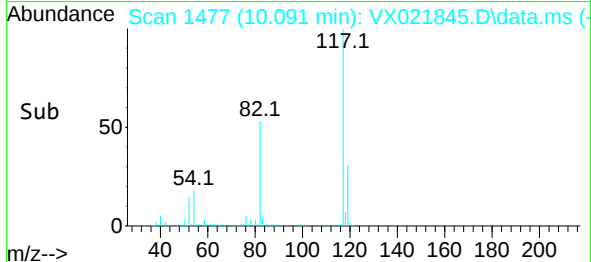
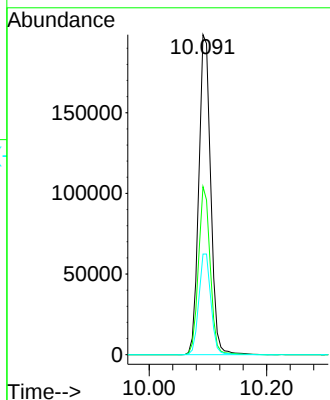
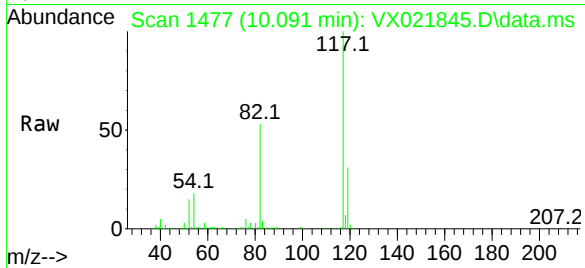




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

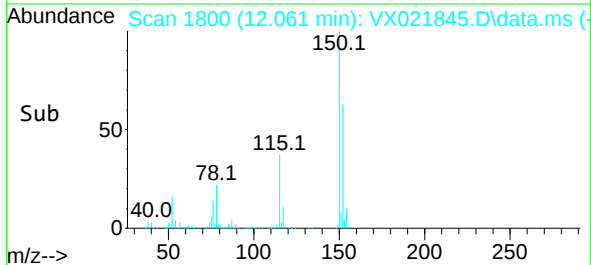
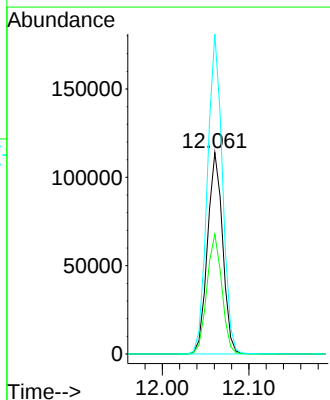
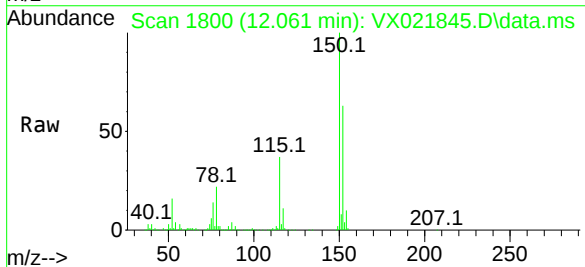
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210422

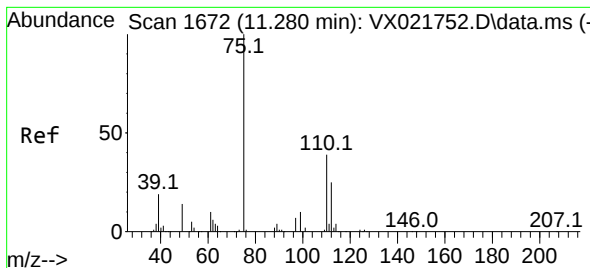
Tgt Ion:117 Resp: 279198
Ion Ratio Lower Upper
117 100
82 52.5 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021845.D
Acq: 23 Apr 2021 16:22

Tgt Ion:152 Resp: 138413
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 157.8 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 21.89 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. -0.158 min

Lab File: VX021845.D

Acq: 23 Apr 2021 16:22

Tgt Ion: 75 Resp: 60072

Ion Ratio Lower Upper

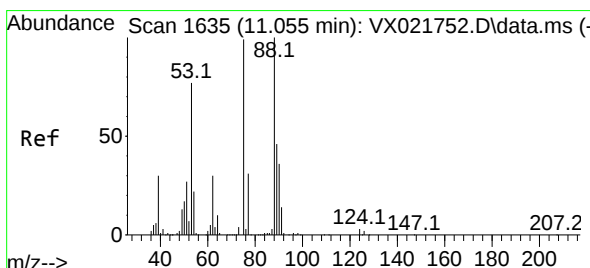
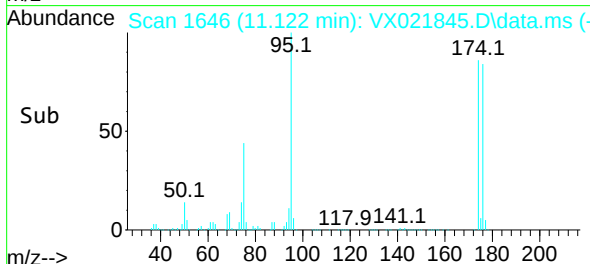
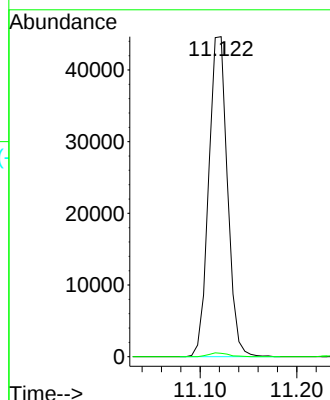
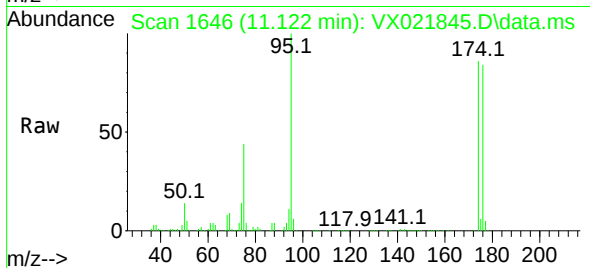
75 100
77 1.3 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20210422



#81

trans-1,4-Dichloro-2-butene

Concen: 50.33 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. 0.067 min

Lab File: VX021845.D

Acq: 23 Apr 2021 16:22

Tgt Ion: 75 Resp: 60072

Ion Ratio Lower Upper

75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

