

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021641.D
 Acq On : 30 Mar 2021 19:36
 Operator : JC/MD
 Sample : M1842-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03-20210323

Quant Time: Mar 31 05:01:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

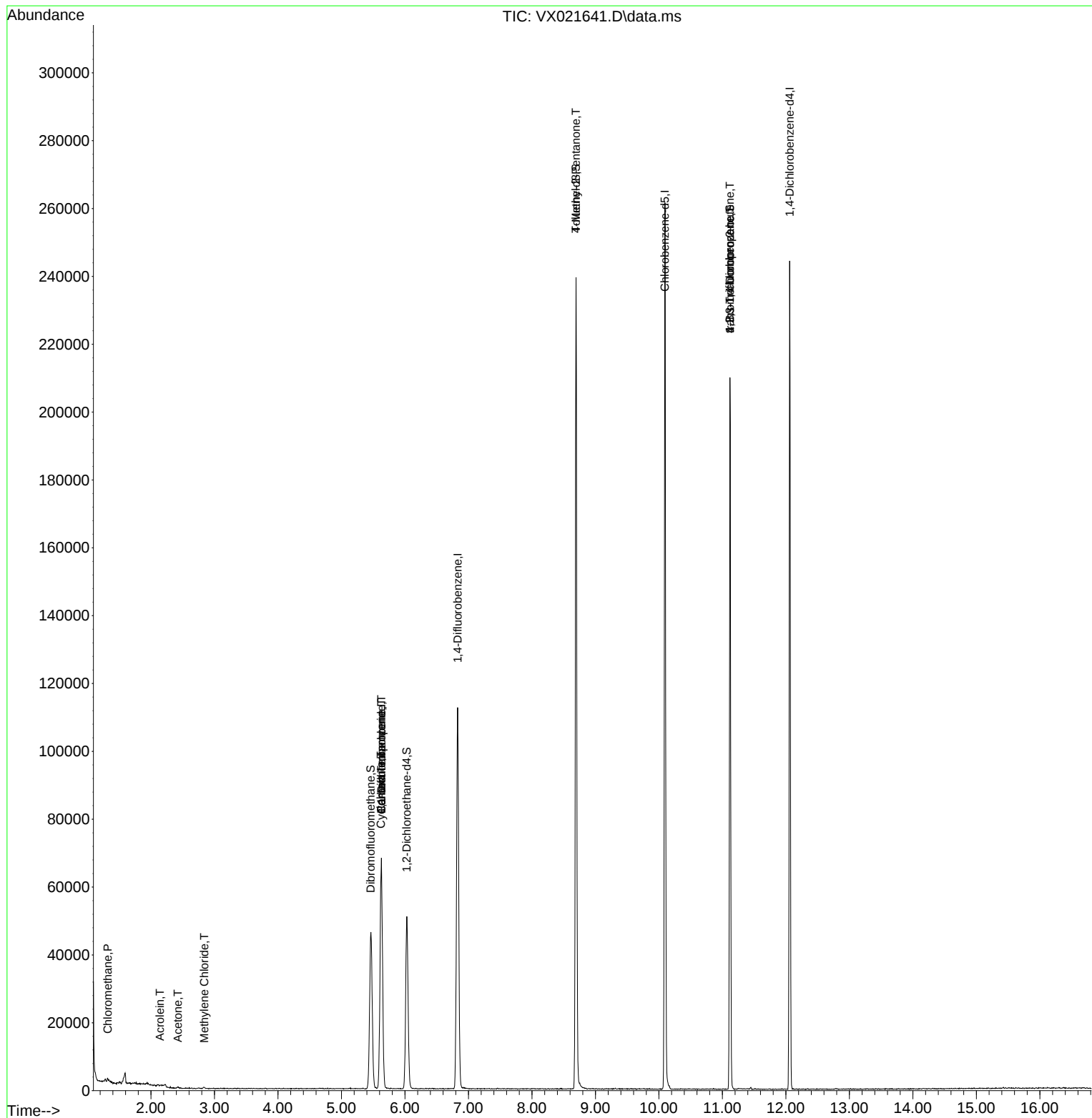
Internal Standards						
1) Pentafluorobenzene	5.629	168	57562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	105014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	45806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	49654	51.84	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.68%		
35) Dibromofluoromethane	5.458	113	38027	50.98	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.96%		
50) Toluene-d8	8.694	98	134985	50.78	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.56%		
62) 4-Bromofluorobenzene	11.118	95	52427	50.73	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.46%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1329	1.87	ug/l	92
13) Acrolein	2.140	56	24	4.59	ug/l #	14
16) Acetone	2.423	43	401	1.11	ug/l #	40
20) Methylene Chloride	2.840	84	153	0.22	ug/l #	95
31) Cyclohexane	5.623	56	1577	1.50	ug/l #	27
36) 1,1-Dichloropropene	5.629	75	5312	5.16	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6256	5.66	ug/l #	19
51) 4-Methyl-2-Pentanone	8.694	43	778	0.65	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	29877	28.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	29877	85.34	ug/l #	12

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

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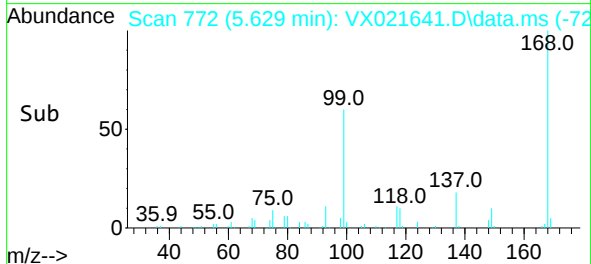
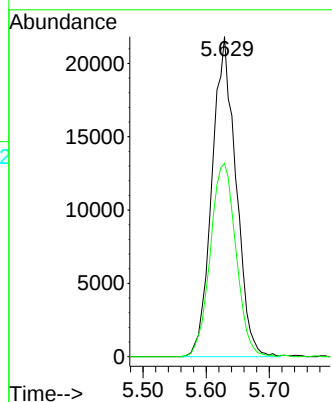
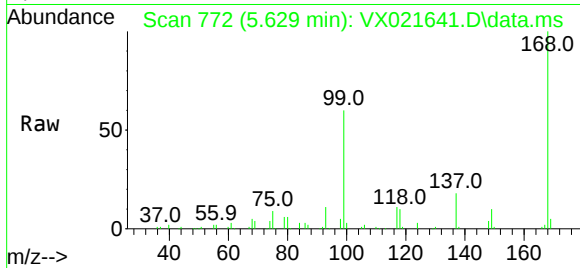




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

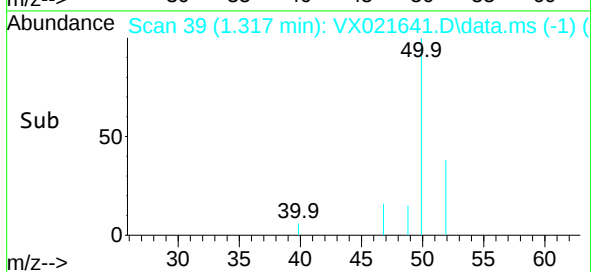
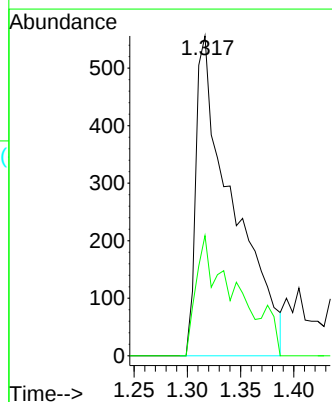
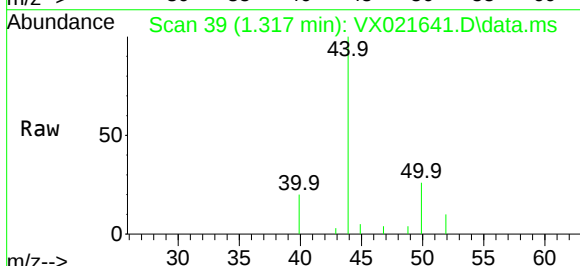
Instrument :
MSVOA_X
ClientSampleId :
TB-03-20210323

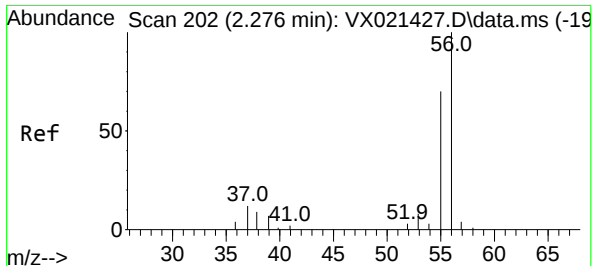
Tgt Ion:168 Resp: 57562
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#3
Chloromethane
Concen: 1.87 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

Tgt Ion: 50 Resp: 1329
Ion Ratio Lower Upper
50 100
52 37.6 26.4 39.6

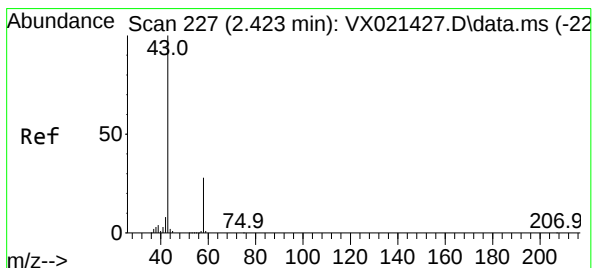
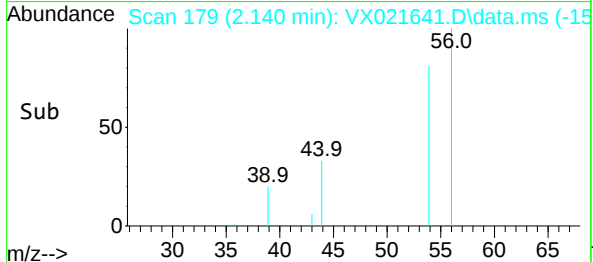
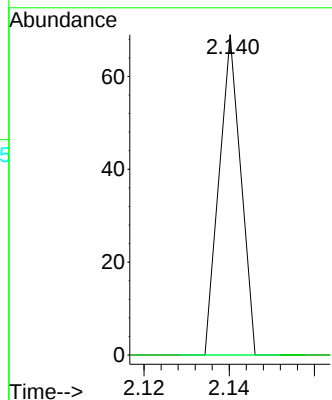
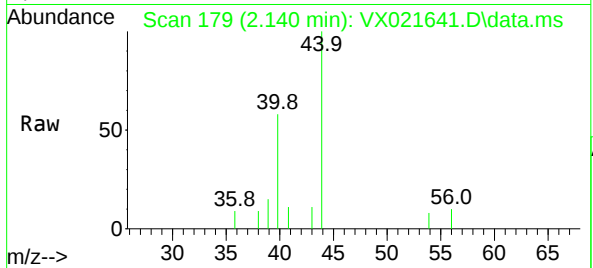




#13
Acrolein
Concen: 4.59 ug/l
RT: 2.140 min Scan# 179
Delta R.T. -0.136 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

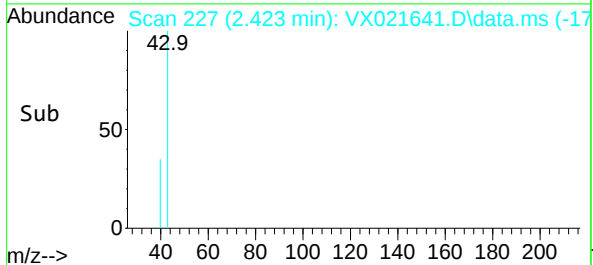
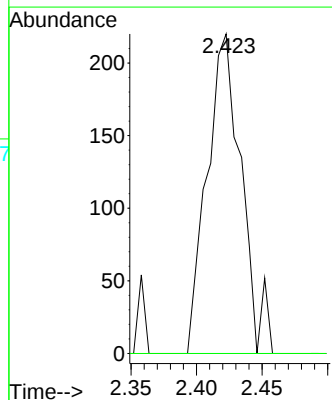
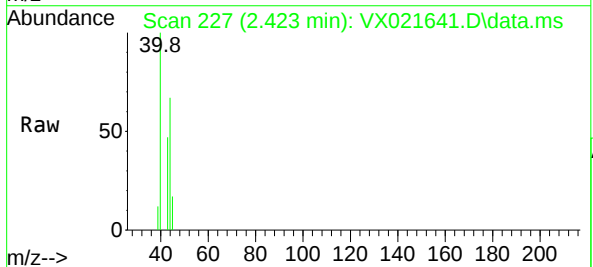
Instrument :
MSVOA_X
ClientSampleId :
TB-03-20210323

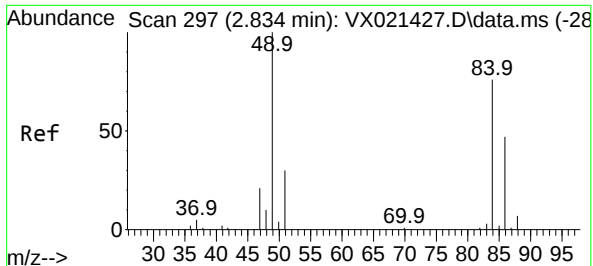
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.11 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#





#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021641.D

Acq: 30 Mar 2021 19:36

Tgt Ion: 84 Resp: 153

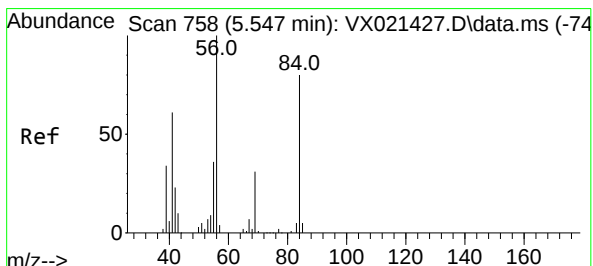
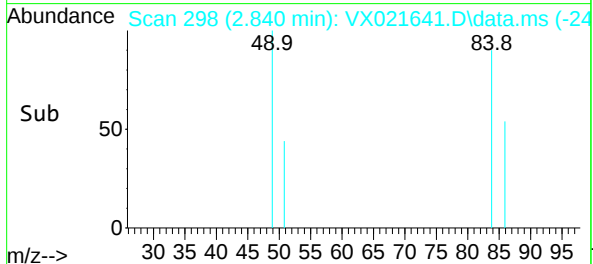
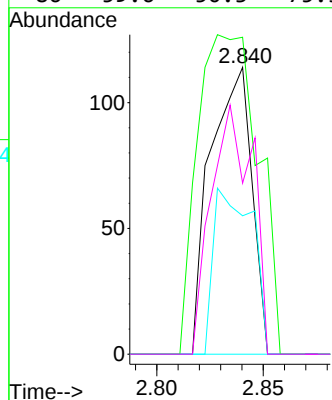
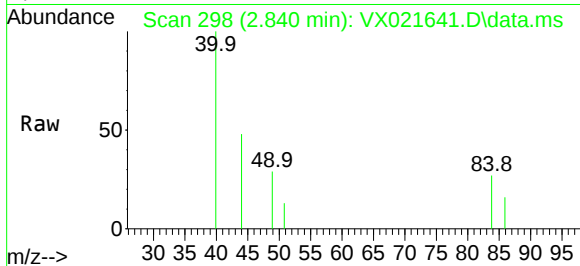
Ion Ratio Lower Upper

84 100

49 110.5 88.6 132.8

51 48.2 27.0 40.6#

86 59.6 50.3 75.5



#31

Cyclohexane

Concen: 1.50 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

Lab File: VX021641.D

Acq: 30 Mar 2021 19:36

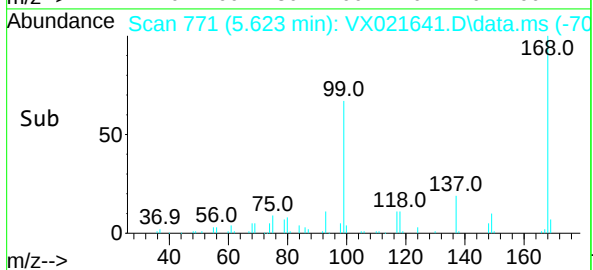
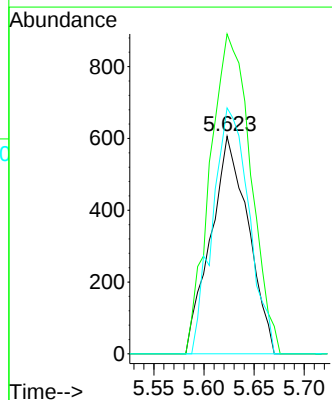
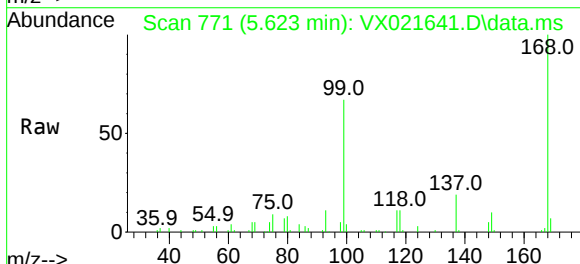
Tgt Ion: 56 Resp: 1577

Ion Ratio Lower Upper

56 100

69 147.0 25.3 37.9#

84 113.0 71.4 107.0#

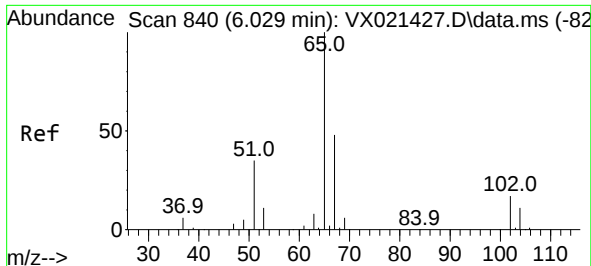


Instrument :

MSVOA_X

ClientSampleId :

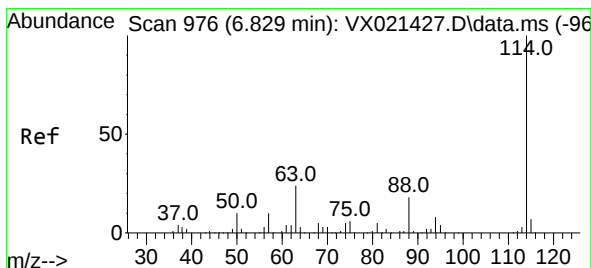
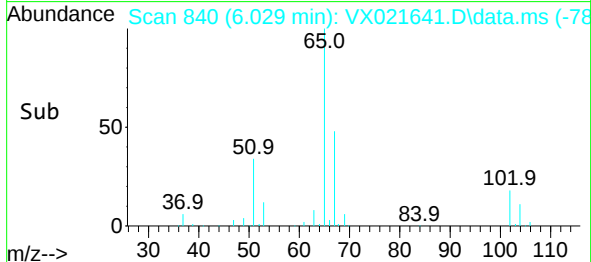
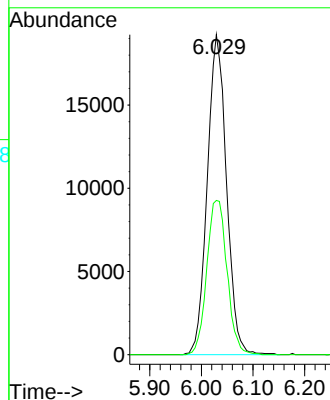
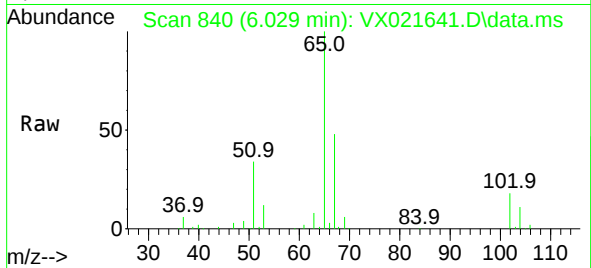
TB-03-20210323



#33
 1,2-Dichloroethane-d4
 Concen: 51.84 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021641.D
 Acq: 30 Mar 2021 19:36

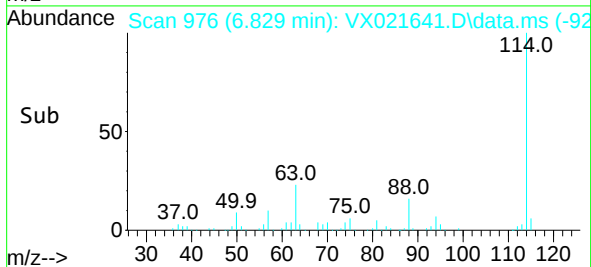
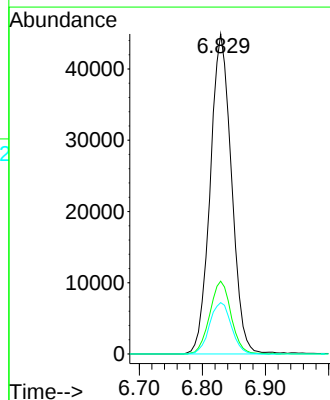
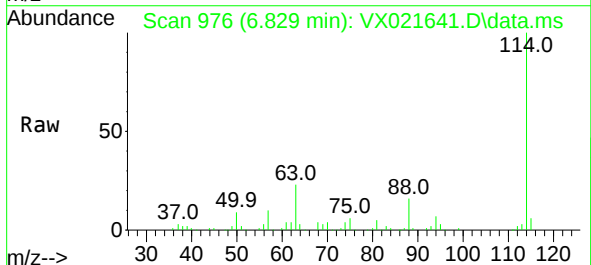
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03-20210323

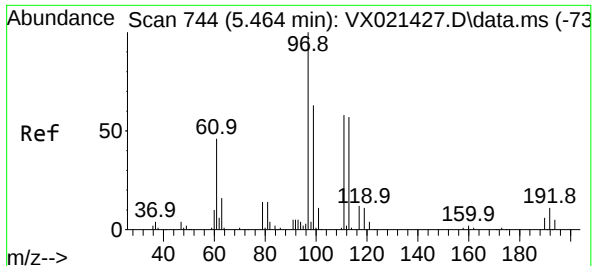
Tgt Ion: 65 Resp: 49654
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021641.D
 Acq: 30 Mar 2021 19:36

Tgt Ion: 114 Resp: 105014
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 40.8
 88 16.0 0.0 32.8

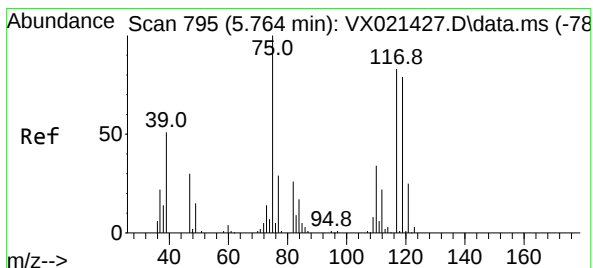
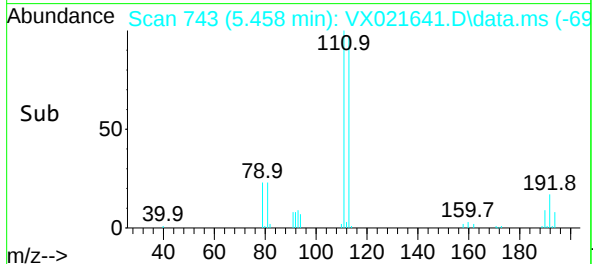
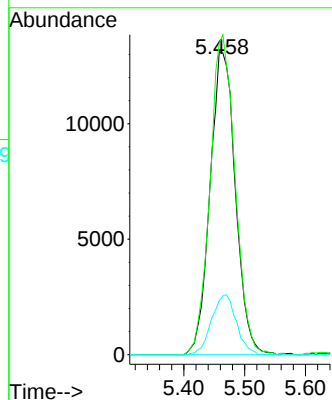
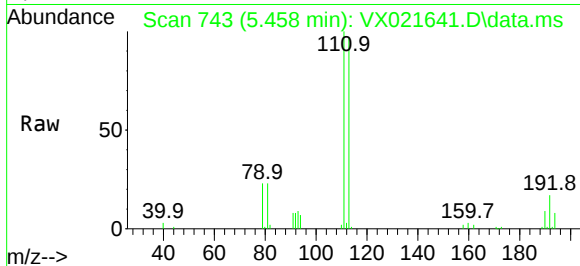




#35
Dibromofluoromethane
Concen: 50.98 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

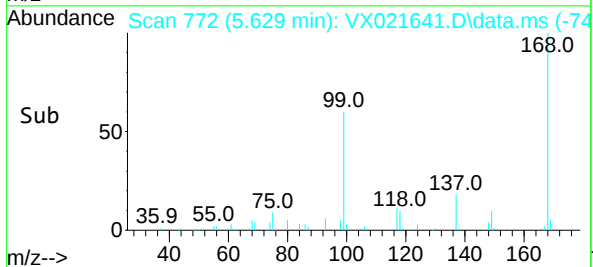
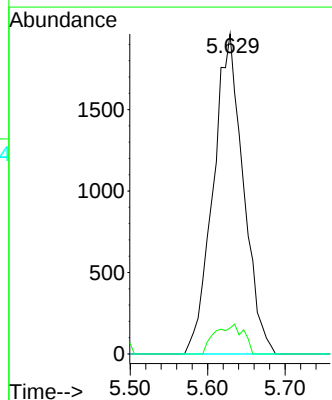
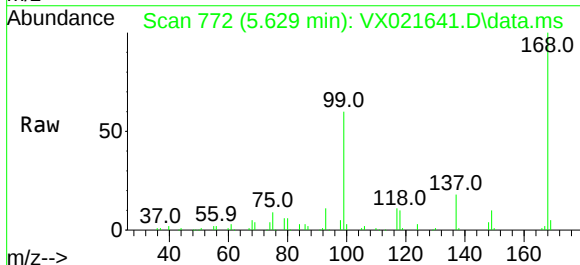
Instrument :
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ClientSampleId :
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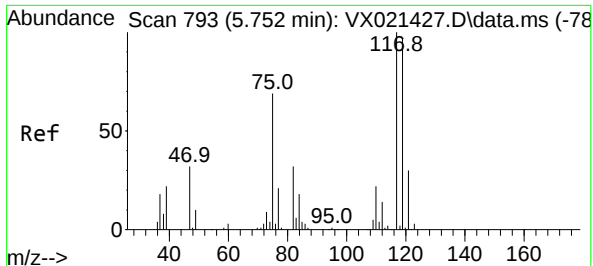
Tgt Ion:113 Resp: 38027
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.16 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

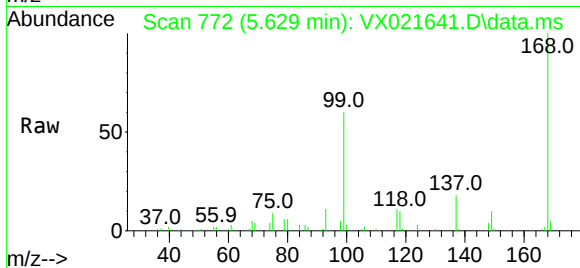
Tgt Ion: 75 Resp: 5312
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



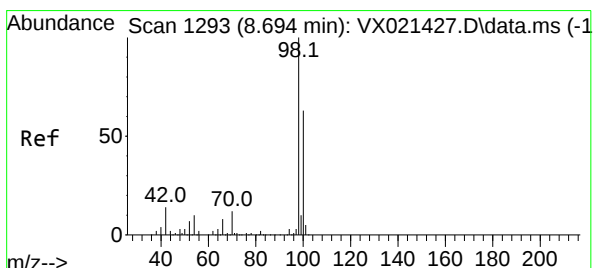
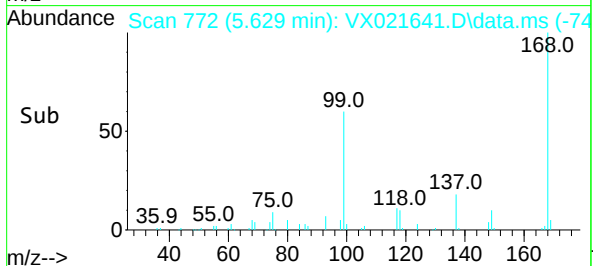
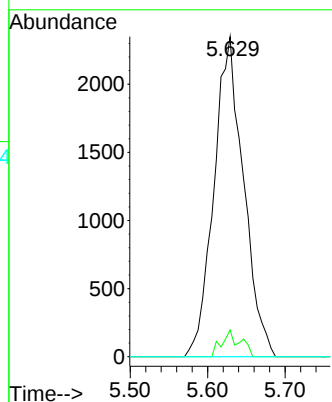


#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

Instrument :
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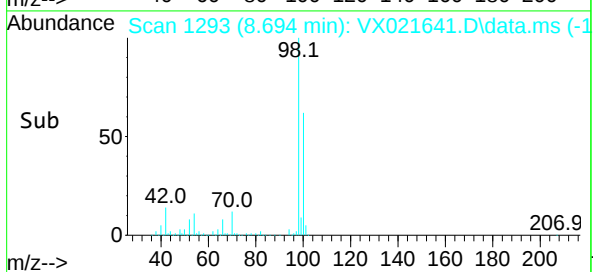
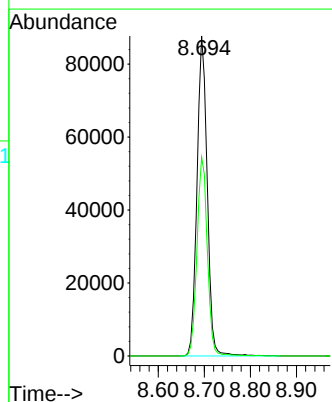
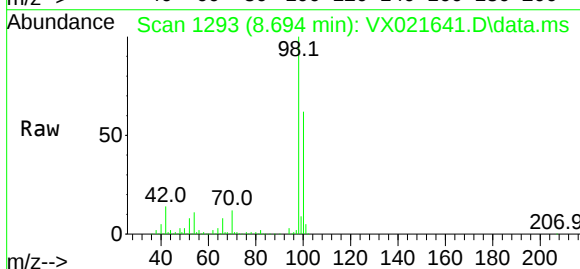


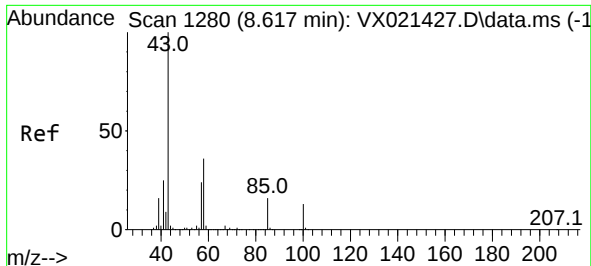
Tgt Ion:117 Resp: 6256
Ion Ratio Lower Upper
117 100
119 8.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.78 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

Tgt Ion: 98 Resp: 134985
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9

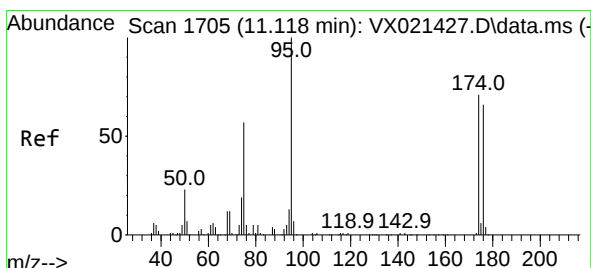
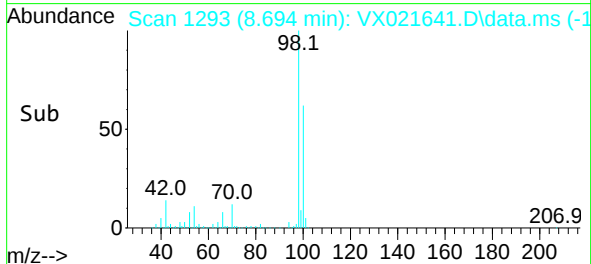
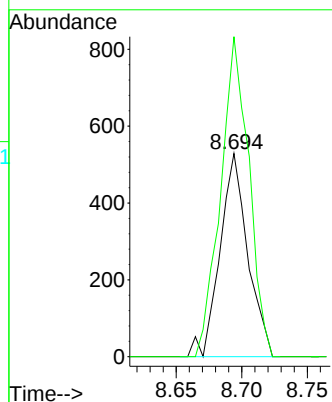
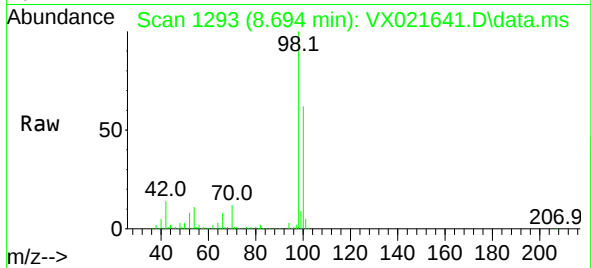




#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

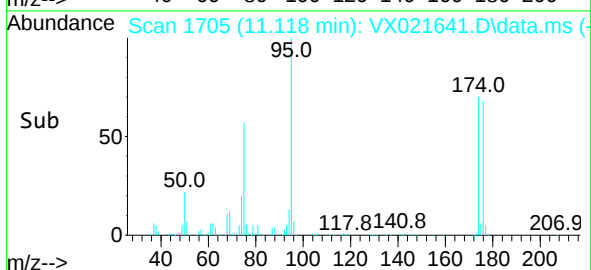
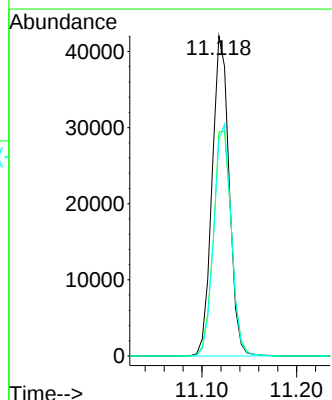
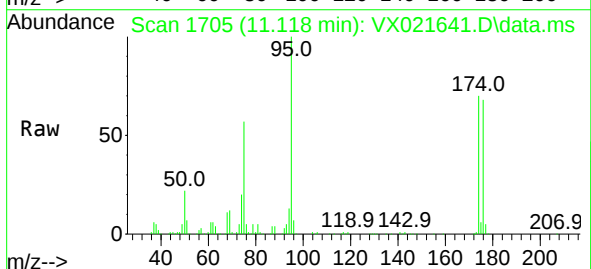
Instrument :
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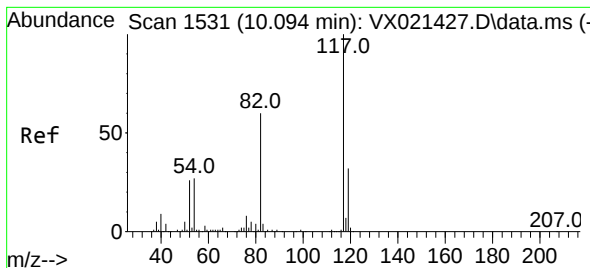
Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 160.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 50.73 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

Tgt Ion: 95 Resp: 52427
Ion Ratio Lower Upper
95 100
174 75.0 0.0 154.6
176 74.1 0.0 155.8

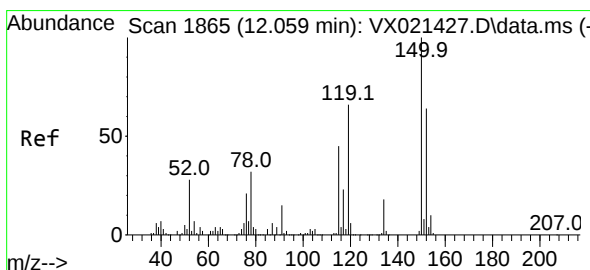
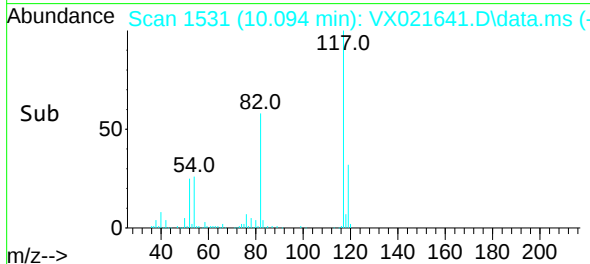
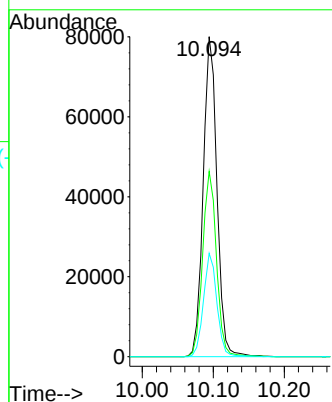
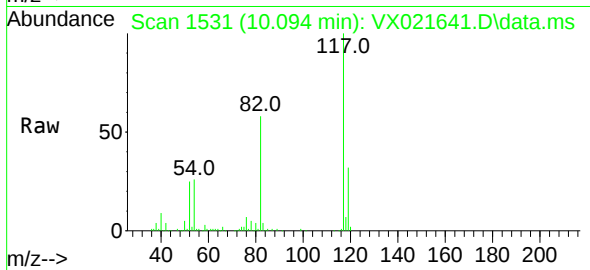




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

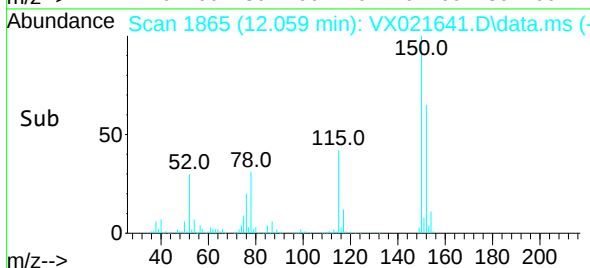
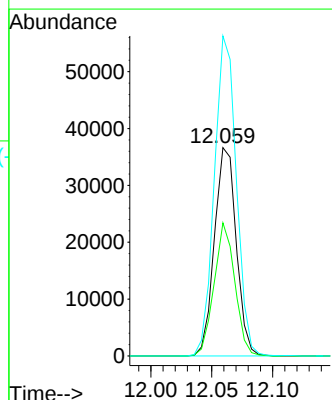
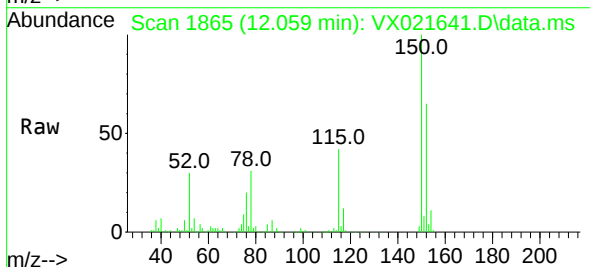
Instrument :
MSVOA_X
ClientSampleId :
TB-03-20210323

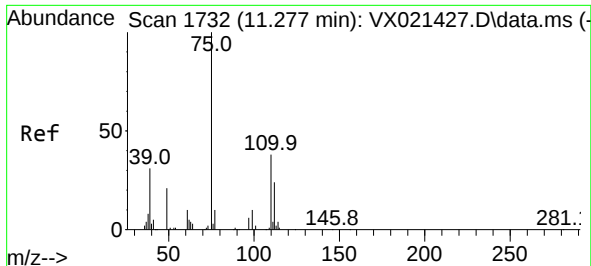
Tgt Ion:117 Resp: 108094
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

Tgt Ion:152 Resp: 45806
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 154.4 0.0 349.0

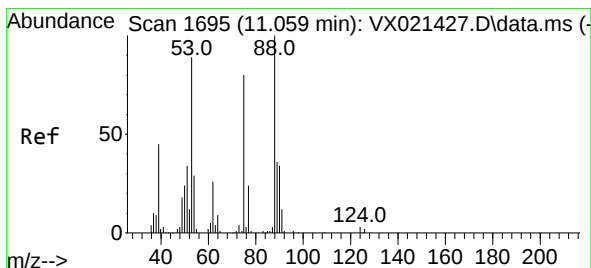
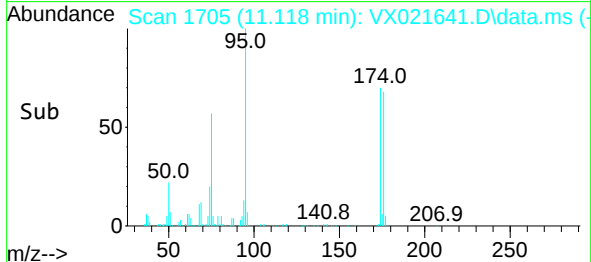
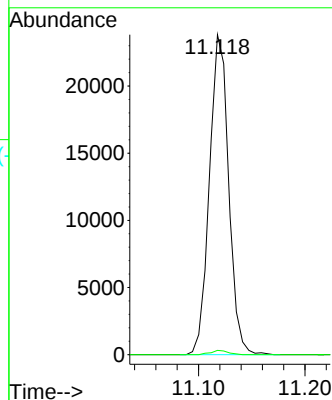
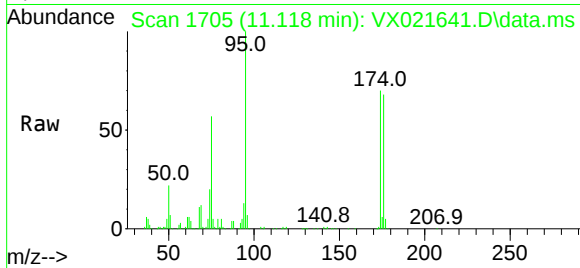




#76
1,2,3-Trichloropropane
Concen: 28.02 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

Instrument :
MSVOA_X
ClientSampleId :
TB-03-20210323

Tgt Ion: 75 Resp: 29877
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021641.D
Acq: 30 Mar 2021 19:36

Tgt Ion: 75 Resp: 29877
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

