

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021658.D
 Acq On : 31 Mar 2021 03:01
 Operator : JC/MD
 Sample : M1842-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20210323

Quant Time: Mar 31 06:12:52 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)

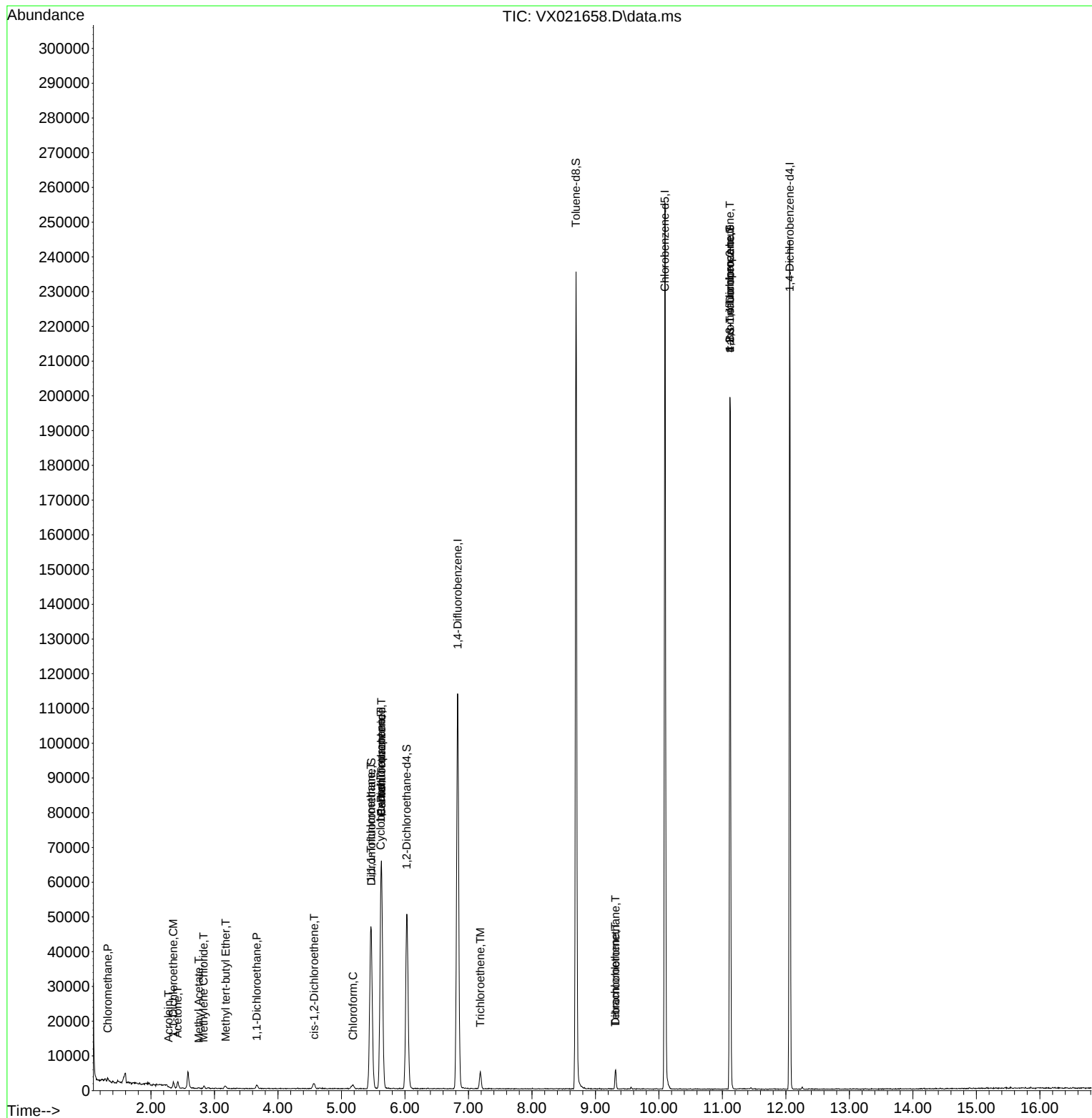
Internal Standards						
1) Pentafluorobenzene	5.629	168	57219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	104066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	107702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50102	52.63	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.26%
35) Dibromofluoromethane	5.470	113	38254	51.75	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.50%
50) Toluene-d8	8.694	98	133913	50.84	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.68%
62) 4-Bromofluorobenzene	11.118	95	51625	50.41	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.82%
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1497	2.11	ug/l	93
12) 1,1-Dichloroethene	2.352	96	533	0.92	ug/l	88
13) Acrolein	2.276	56	18	4.52	ug/l #	14
16) Acetone	2.417	43	2023	5.62	ug/l #	81
18) Methyl Acetate	2.752	43	285	0.27	ug/l #	47
19) Methyl tert-butyl Ether	3.176	73	659	0.31	ug/l #	76
20) Methylene Chloride	2.829	84	275	0.39	ug/l #	72
24) 1,1-Dichloroethane	3.664	63	1265	1.03	ug/l #	81
27) cis-1,2-Dichloroethene	4.570	96	946	1.29	ug/l	98
30) Chloroform	5.182	83	1284	0.99	ug/l	91
31) Cyclohexane	5.617	56	1464	1.40	ug/l #	43
32) 1,1,1-Trichloroethane	5.464	97	612	0.53	ug/l #	40
36) 1,1-Dichloropropene	5.623	75	5177	5.08	ug/l #	50
38) Carbon Tetrachloride	5.629	117	6221	5.68	ug/l #	15
44) Trichloroethene	7.188	130	1720	2.25	ug/l	88
60) Dibromochloromethane	9.318	129	930	1.10	ug/l #	11
64) Tetrachloroethene	9.312	164	950	1.32	ug/l	88
76) 1,2,3-Trichloropropane	11.118	75	28818	27.59	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28818	84.05	ug/l #	12

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

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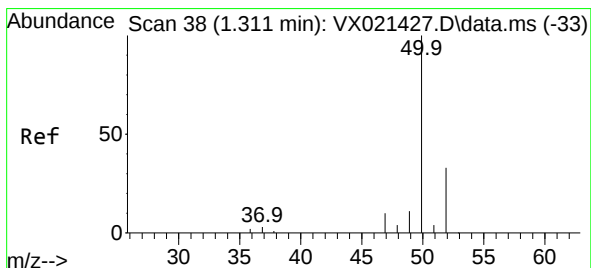
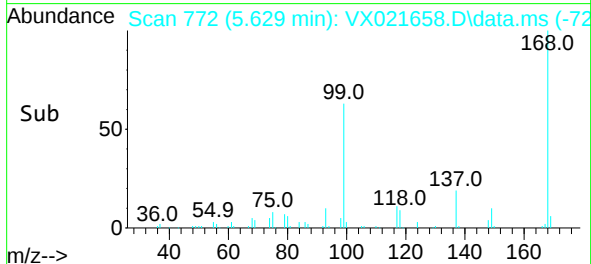
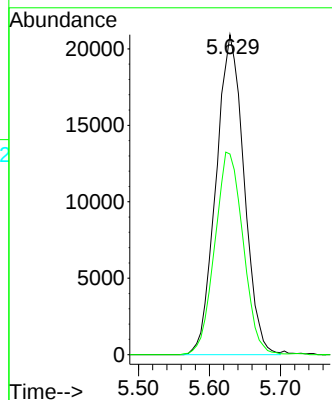
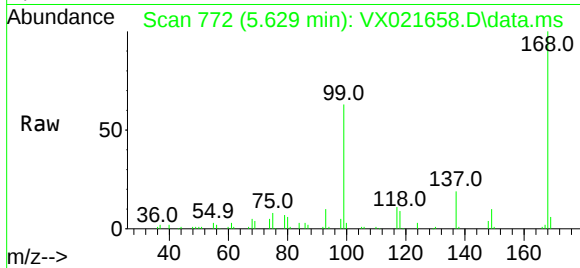




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

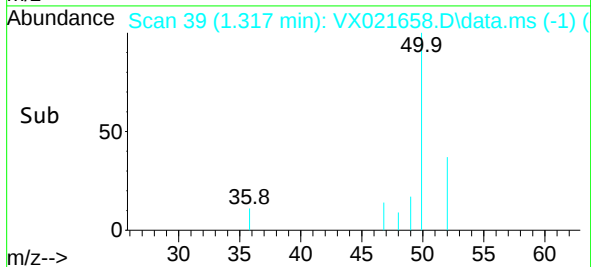
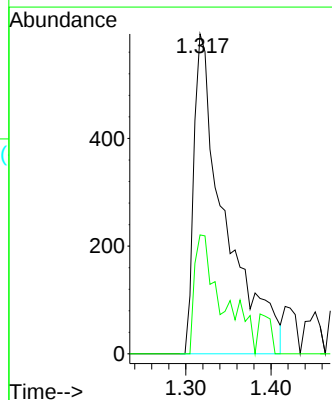
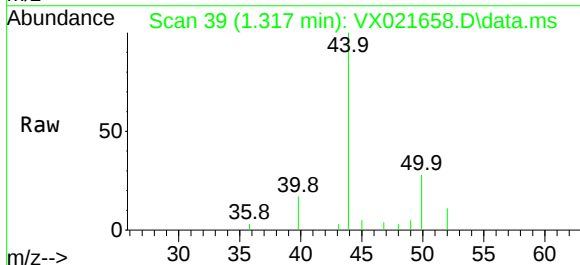
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323

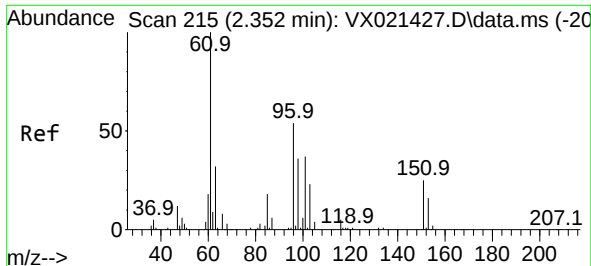
Tgt Ion:168 Resp: 57219
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#3
Chloromethane
Concen: 2.11 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

Tgt Ion: 50 Resp: 1497
Ion Ratio Lower Upper
50 100
52 37.2 26.4 39.6





#12

1,1-Dichloroethene

Concen: 0.92 ug/l

RT: 2.352 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX021658.D

Acq: 31 Mar 2021 03:01

Tgt Ion: 96 Resp: 533

Ion Ratio Lower Upper

96 100

61 174.9 124.6 187.0

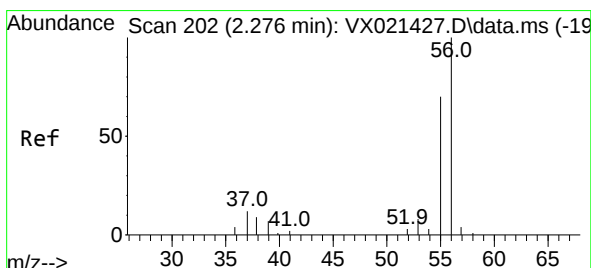
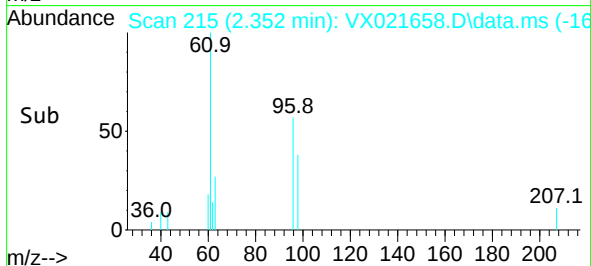
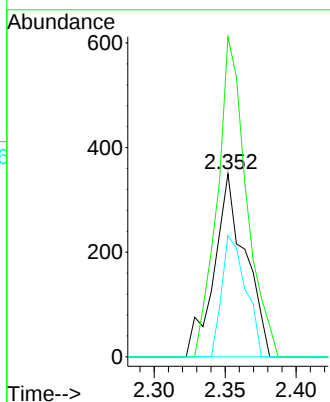
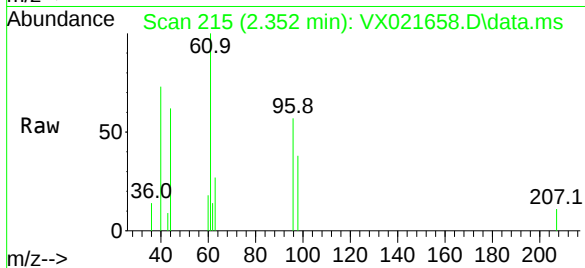
98 66.3 50.6 76.0

Instrument :

MSVOA_X

ClientSampleId :

MW181S-20210323



#13

Acrolein

Concen: 4.52 ug/l

RT: 2.276 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX021658.D

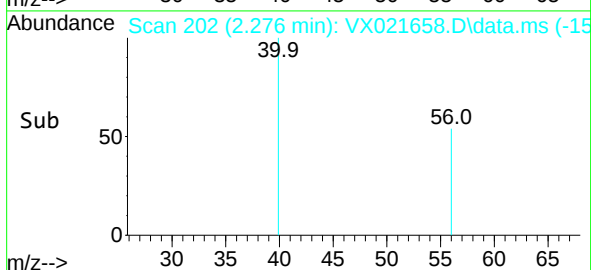
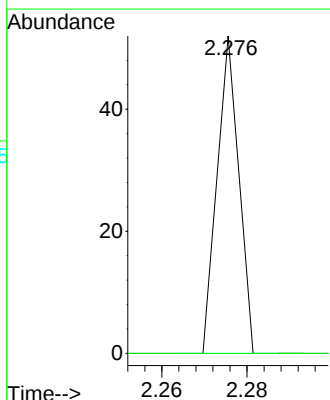
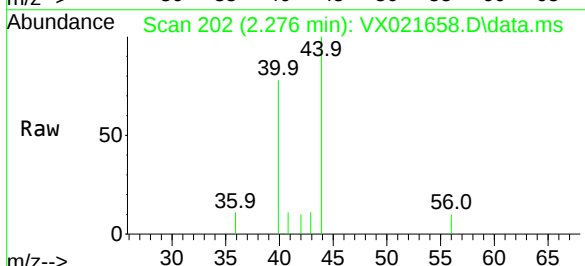
Acq: 31 Mar 2021 03:01

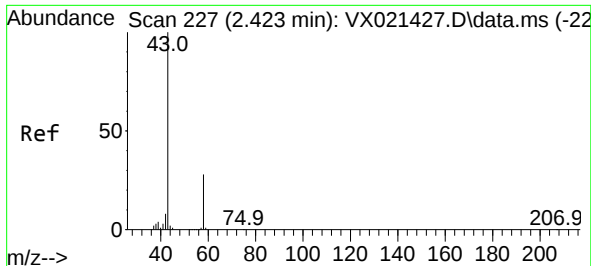
Tgt Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#

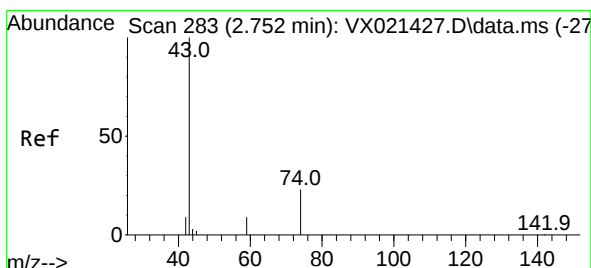
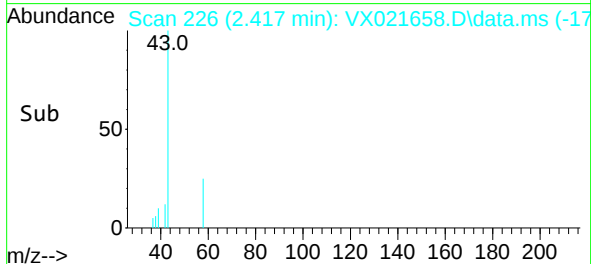
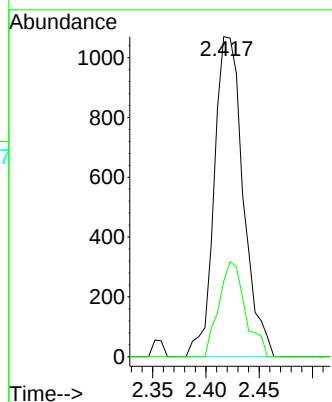
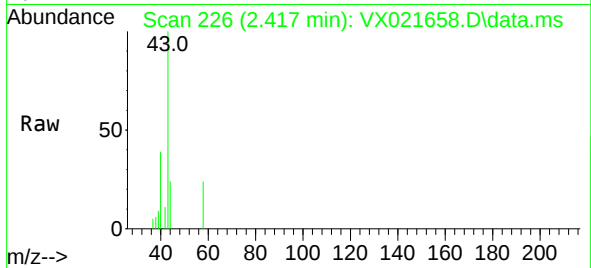




#16
Acetone
Concen: 5.62 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

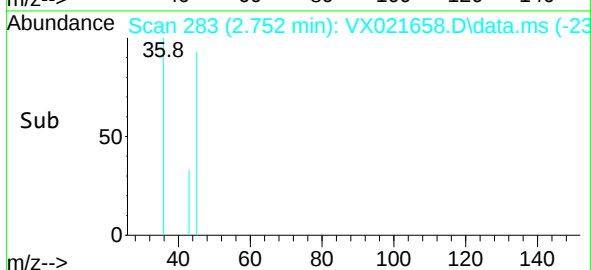
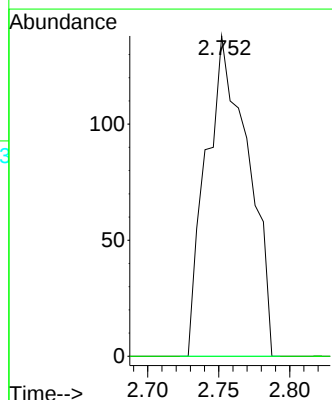
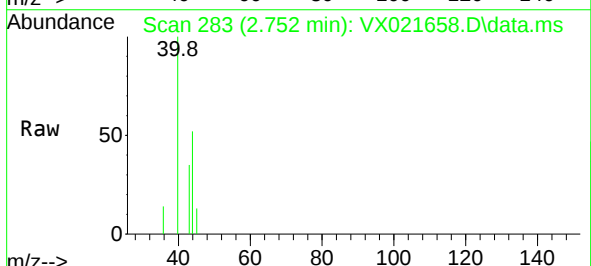
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323

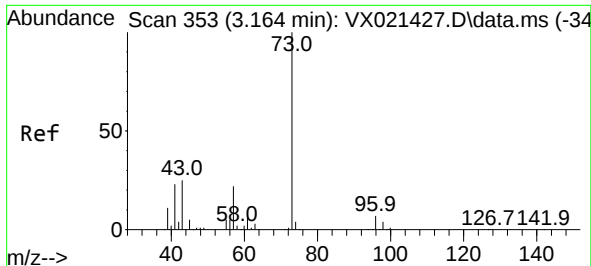
Tgt Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
58 23.6 27.8 41.8#



#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#19

Methyl tert-butyl Ether

Concen: 0.31 ug/l

RT: 3.176 min Scan# 355

Delta R.T. 0.012 min

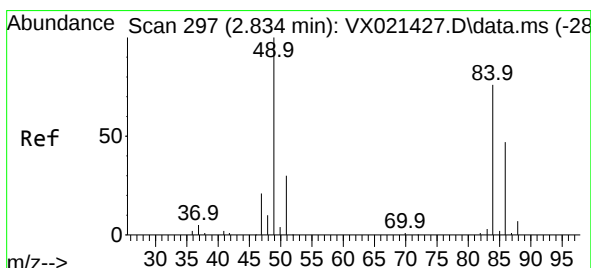
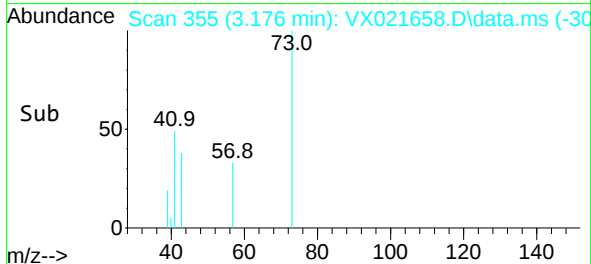
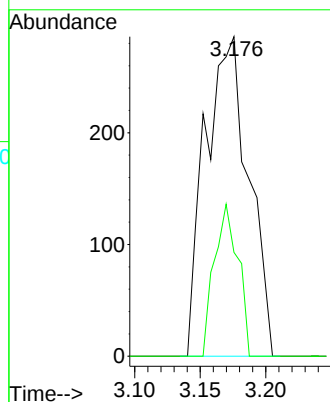
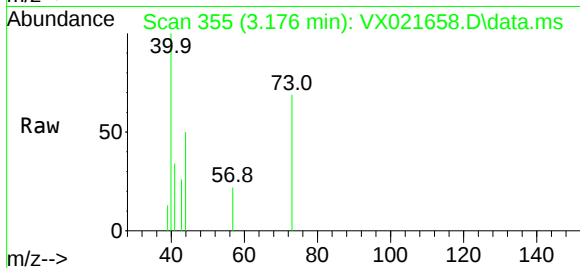
Lab File: VX021658.D

Acq: 31 Mar 2021 03:01

Tgt Ion: 73 Resp: 659

Ion Ratio Lower Upper

73 100
57 32.5 17.1 25.7#



#20

Methylene Chloride

Concen: 0.39 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

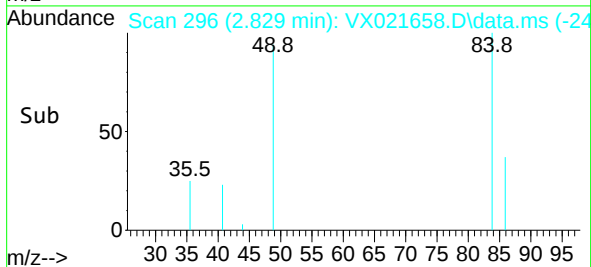
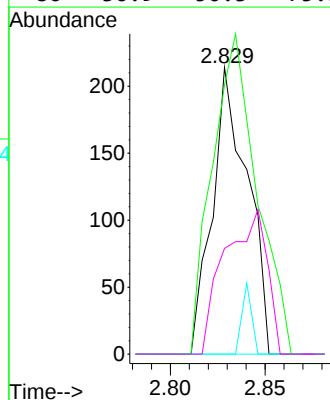
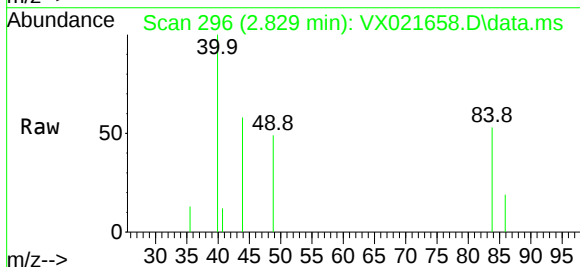
Lab File: VX021658.D

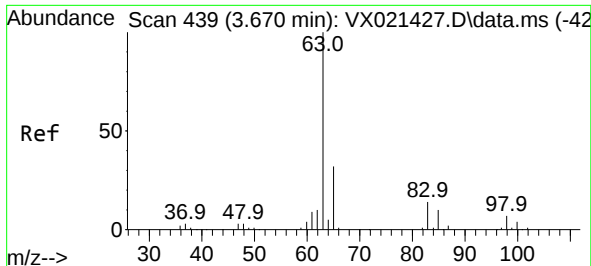
Acq: 31 Mar 2021 03:01

Tgt Ion: 84 Resp: 275

Ion Ratio Lower Upper

84 100
49 93.9 88.6 132.8
51 0.0 27.0 40.6#
86 36.9 50.3 75.5#

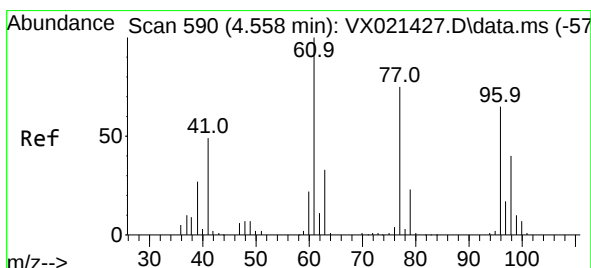
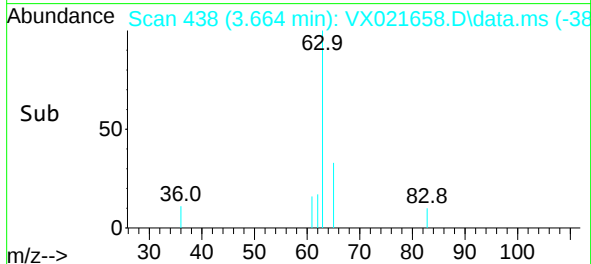
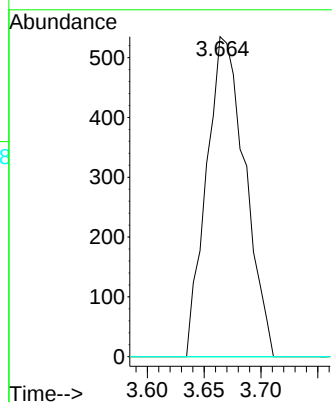
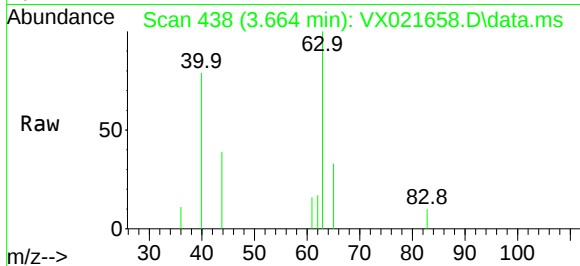




#24
1,1-Dichloroethane
Concen: 1.03 ug/l
RT: 3.664 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

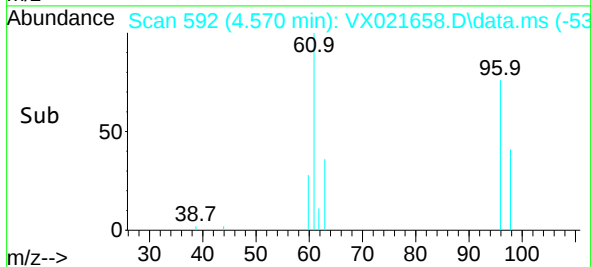
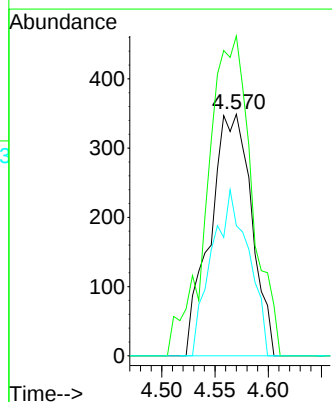
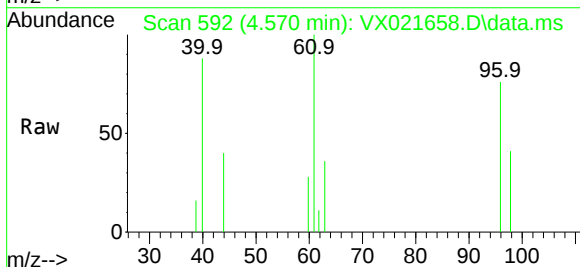
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323

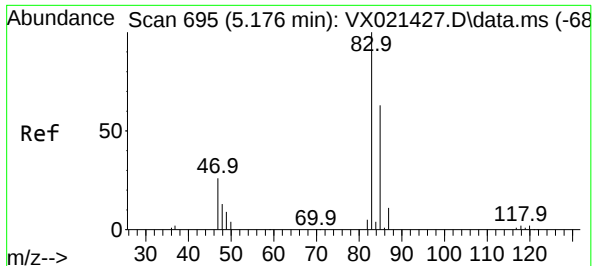
Tgt Ion: 63 Resp: 1265
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 1.29 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.012 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

Tgt Ion: 96 Resp: 946
Ion Ratio Lower Upper
96 100
61 141.5 0.0 285.6
98 60.9 0.0 129.6





#30

Chloroform

Concen: 0.99 ug/l

RT: 5.182 min Scan# 696

Delta R.T. 0.006 min

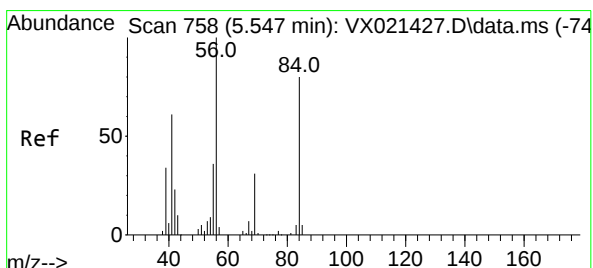
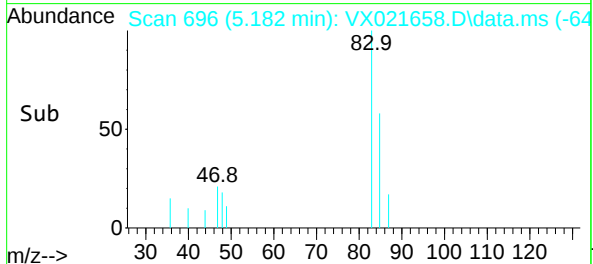
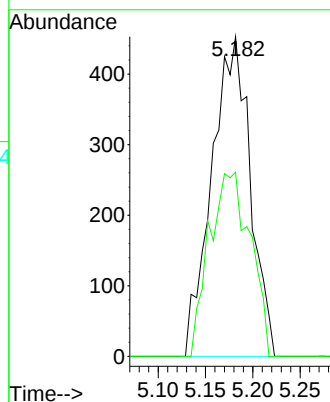
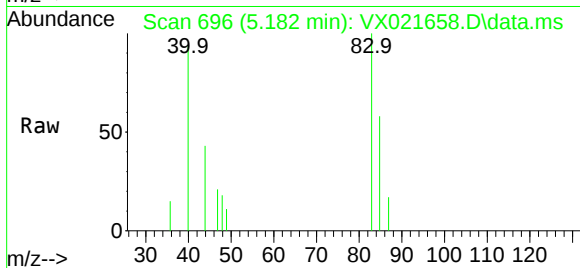
Lab File: VX021658.D

Acq: 31 Mar 2021 03:01

Tgt Ion: 83 Resp: 1284

Ion	Ratio	Lower	Upper
83	100		
85	57.6	52.0	78.0

Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323



#31

Cyclohexane

Concen: 1.40 ug/l

RT: 5.617 min Scan# 770

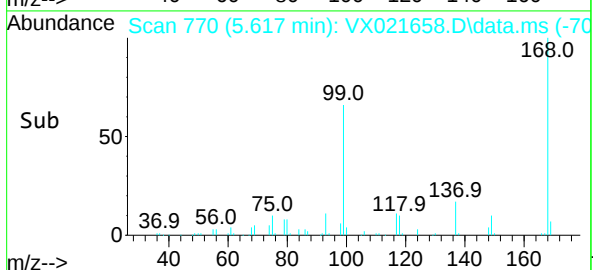
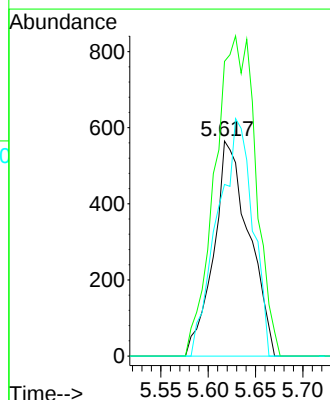
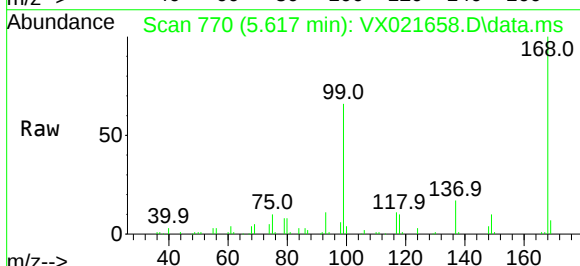
Delta R.T. 0.070 min

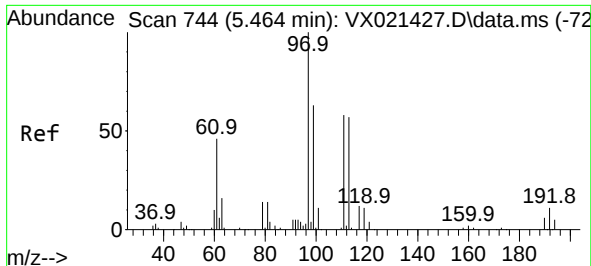
Lab File: VX021658.D

Acq: 31 Mar 2021 03:01

Tgt Ion: 56 Resp: 1464

Ion	Ratio	Lower	Upper
56	100		
69	137.0	25.3	37.9#
84	79.8	71.4	107.0

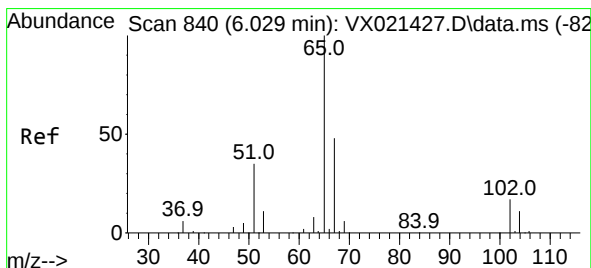
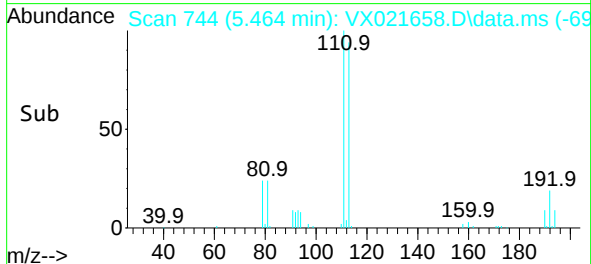
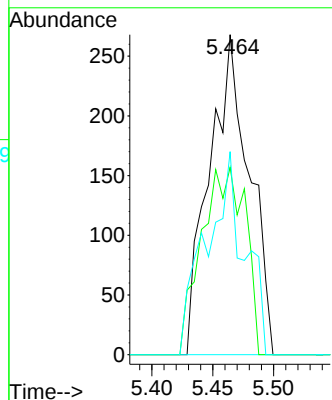
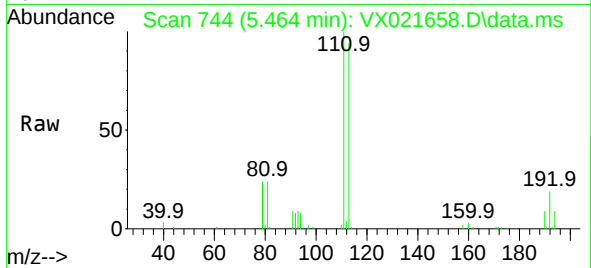




#32
1,1,1-Trichloroethane
Concen: 0.53 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

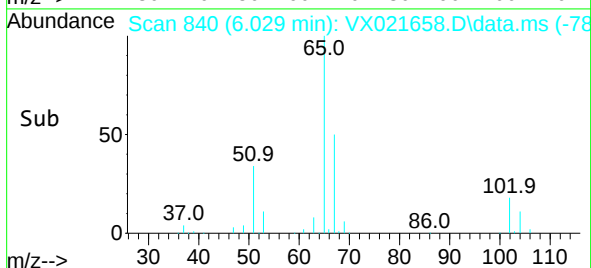
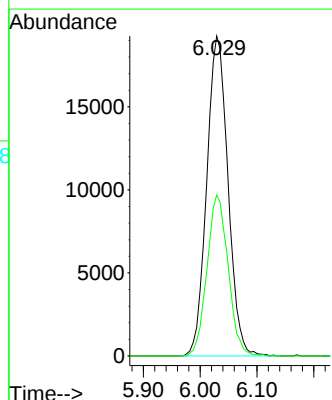
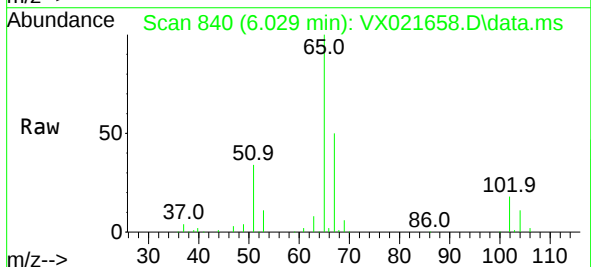
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323

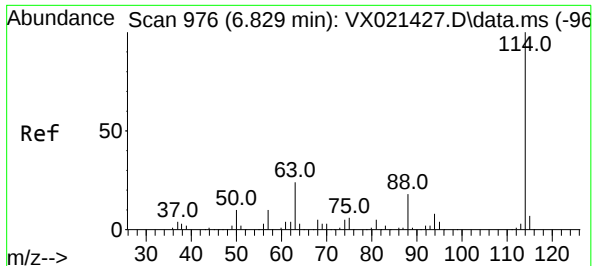
Tgt Ion: 97 Resp: 612
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 60.1 34.2 51.4#



#33
1,2-Dichloroethane-d4
Concen: 52.63 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

Tgt Ion: 65 Resp: 50102
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

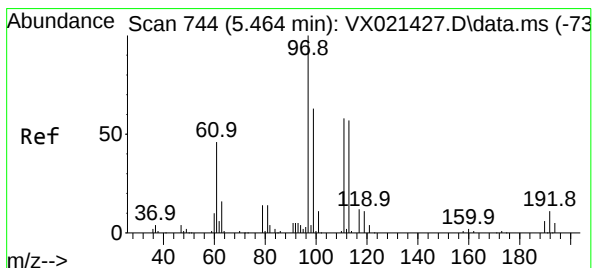
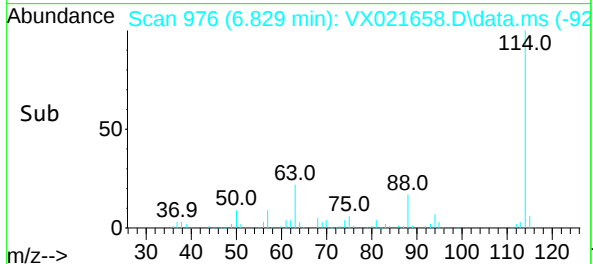
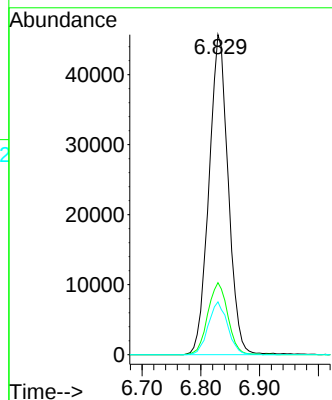
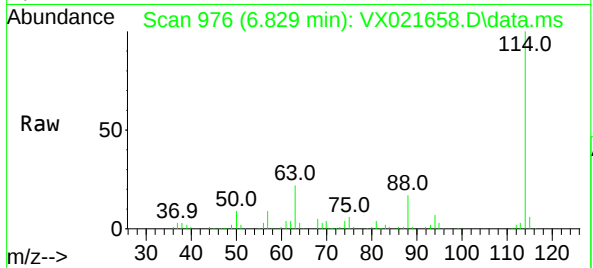




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

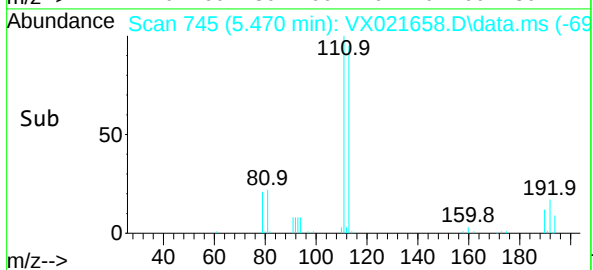
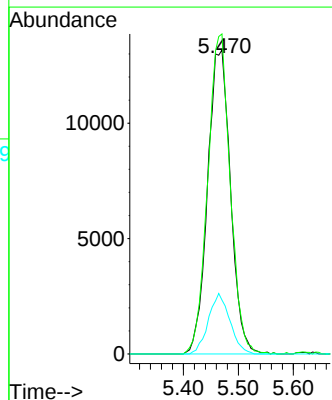
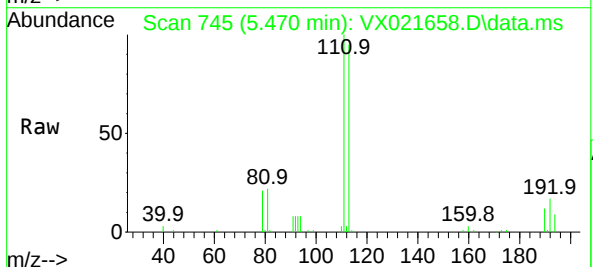
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323

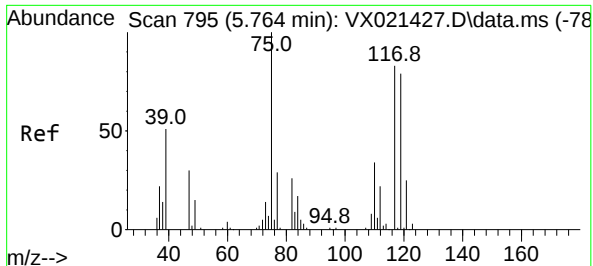
Tgt Ion:114 Resp: 104066
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.75 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

Tgt Ion:113 Resp: 38254
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 18.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.08 ug/l

RT: 5.623 min Scan# 771

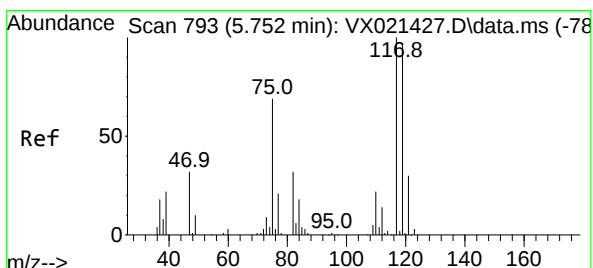
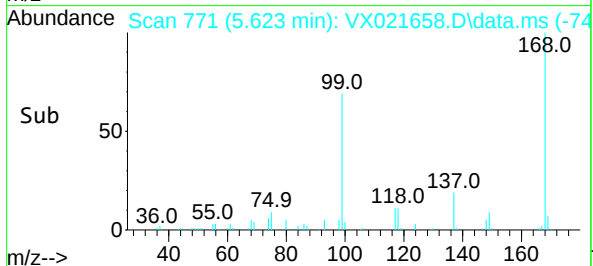
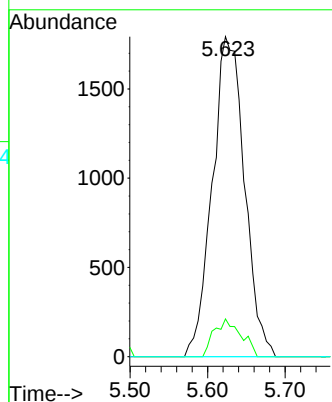
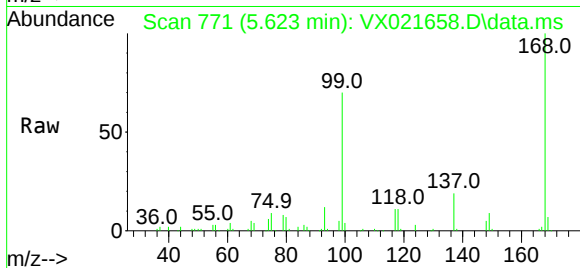
Delta R.T. -0.141 min

Lab File: VX021658.D

Acq: 31 Mar 2021 03:01

Tgt Ion:	75	Resp:	5177
Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323



#38

Carbon Tetrachloride

Concen: 5.68 ug/l

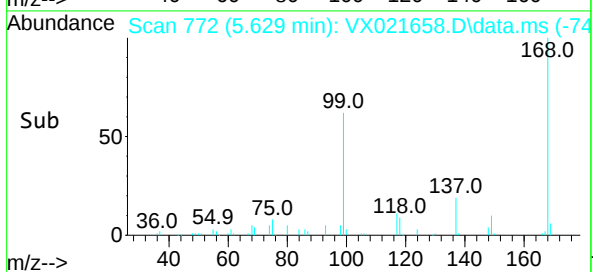
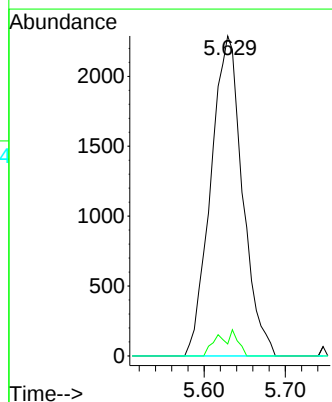
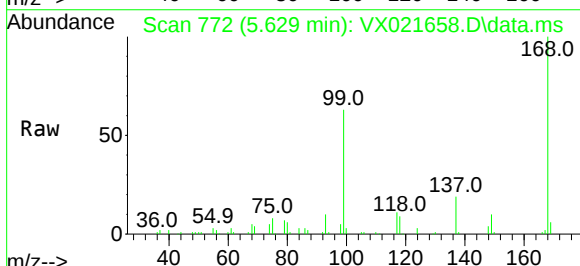
RT: 5.629 min Scan# 772

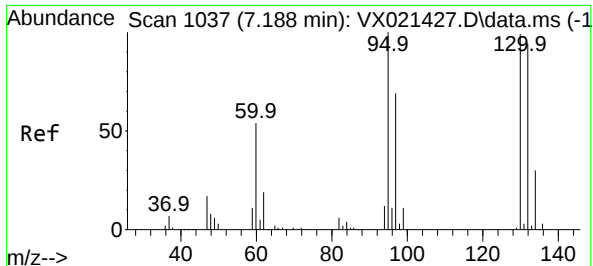
Delta R.T. -0.123 min

Lab File: VX021658.D

Acq: 31 Mar 2021 03:01

Tgt Ion:	117	Resp:	6221
Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.2	114.2#
121	0.0	24.8	37.2#

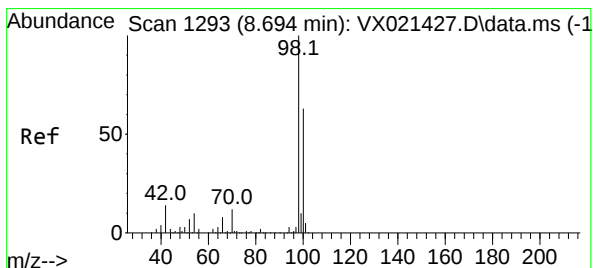
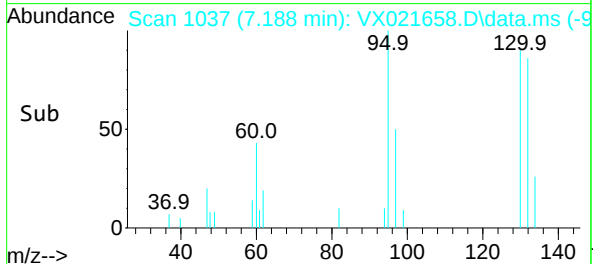
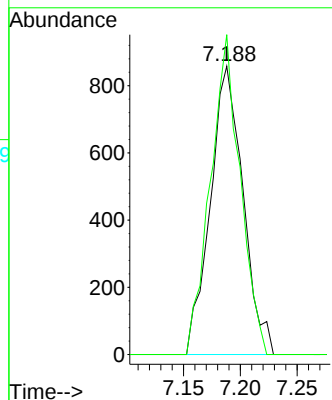
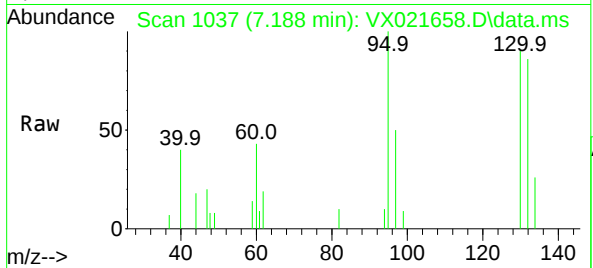




#44
Trichloroethene
Concen: 2.25 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

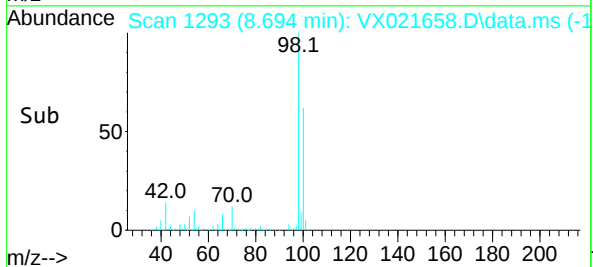
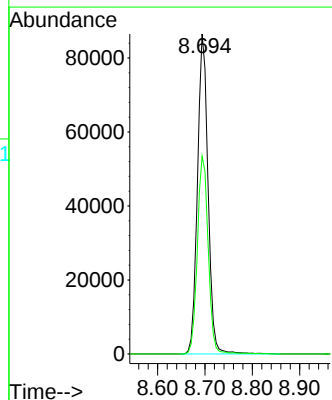
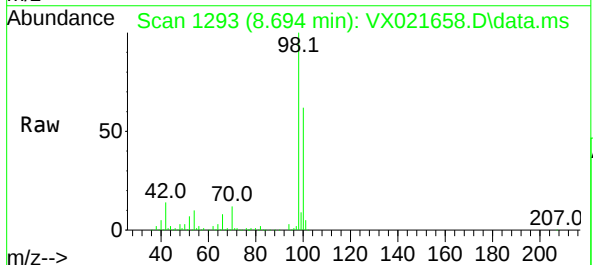
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323

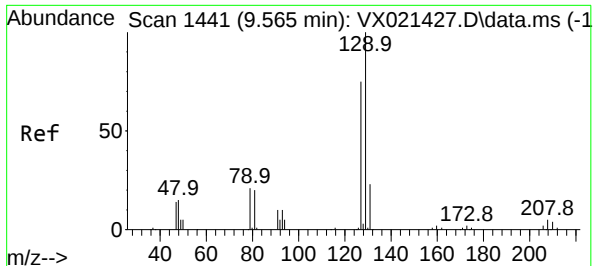
Tgt Ion:130 Resp: 1720
Ion Ratio Lower Upper
130 100
95 111.0 0.0 198.0



#50
Toluene-d8
Concen: 50.84 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

Tgt Ion: 98 Resp: 133913
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

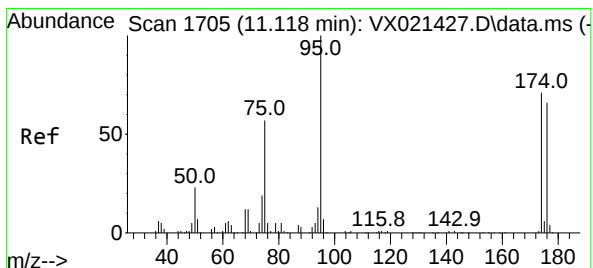
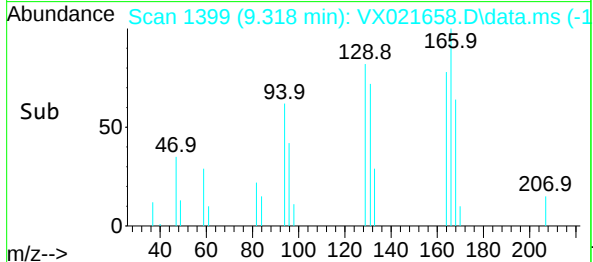
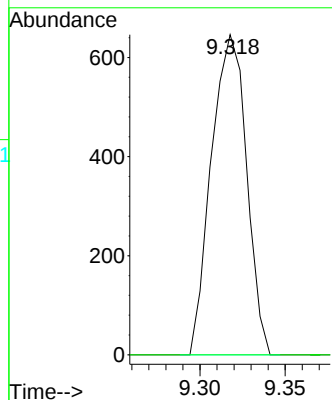
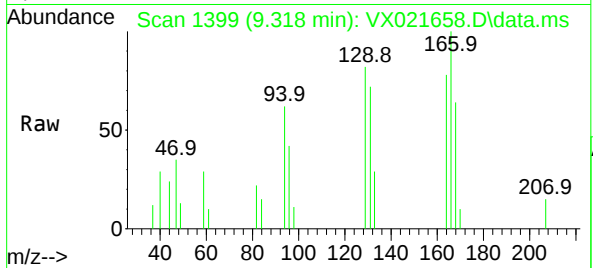




#60
Dibromochloromethane
Concen: 1.10 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

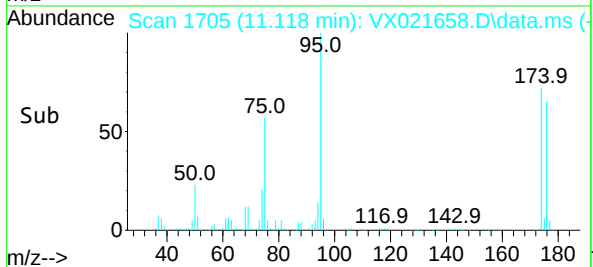
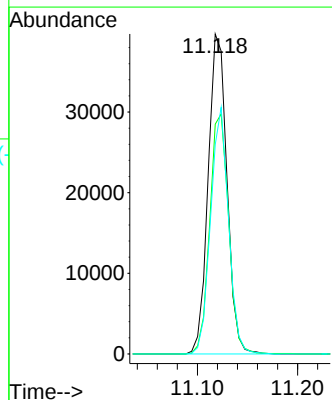
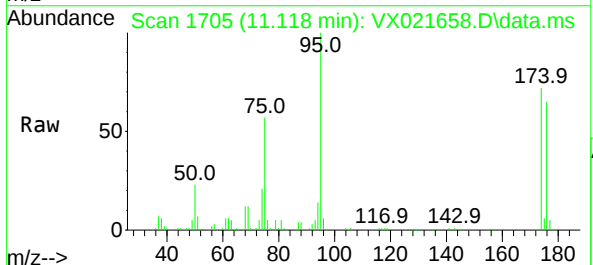
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323

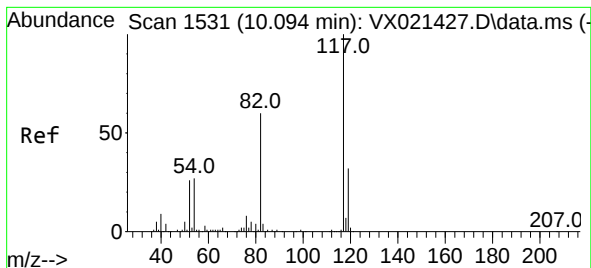
Tgt Ion:129 Resp: 930
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 50.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

Tgt Ion: 95 Resp: 51625
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 73.3 0.0 155.8

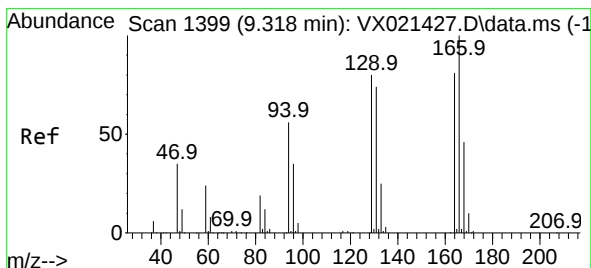
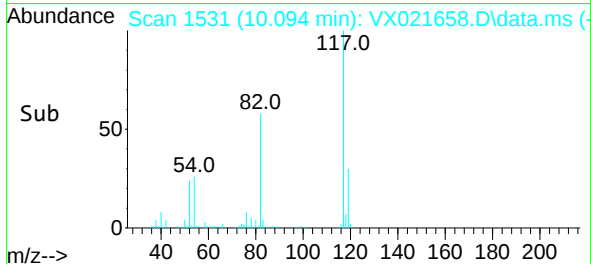
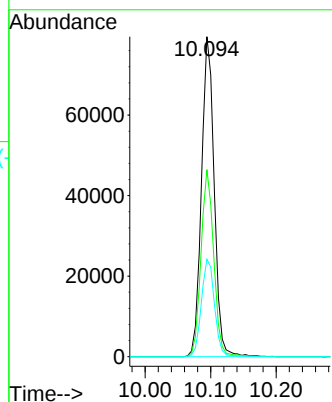
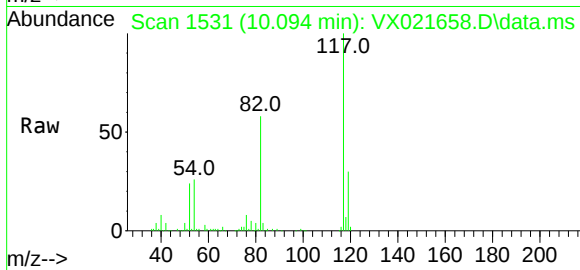




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

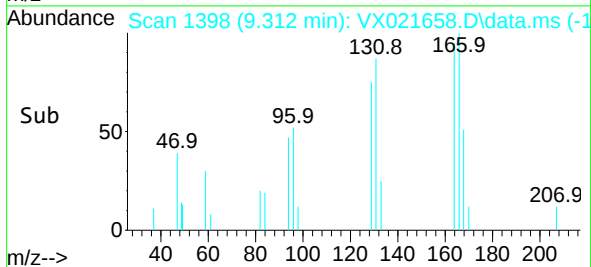
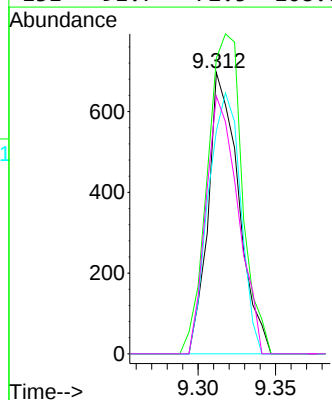
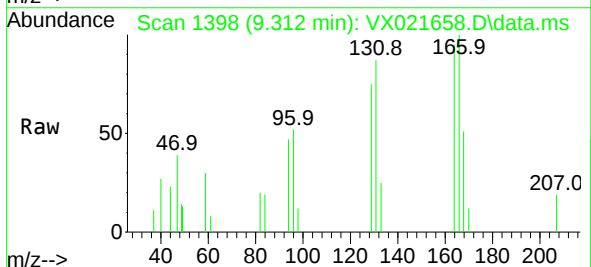
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323

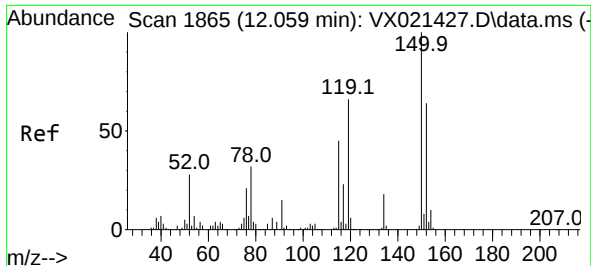
Tgt Ion:117 Resp: 107702
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 30.5 26.6 39.8



#64
Tetrachloroethene
Concen: 1.32 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

Tgt Ion:164 Resp: 950
Ion Ratio Lower Upper
164 100
166 105.2 103.4 155.2
129 79.3 70.8 106.2
131 91.7 72.5 108.7

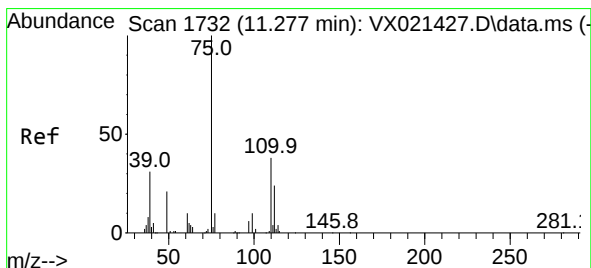
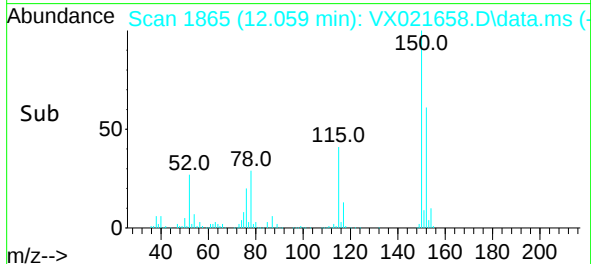
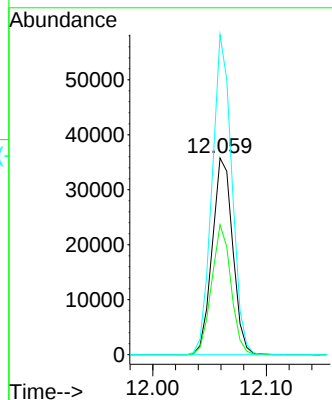
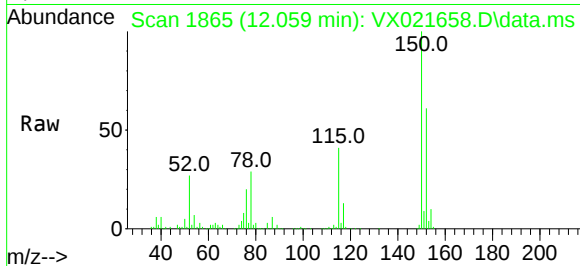




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

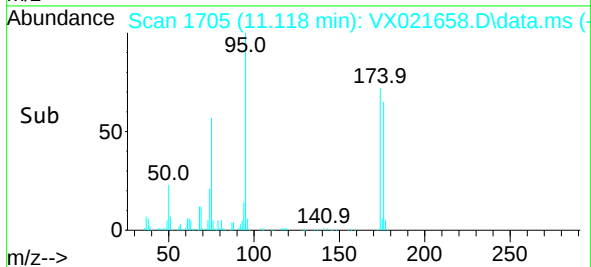
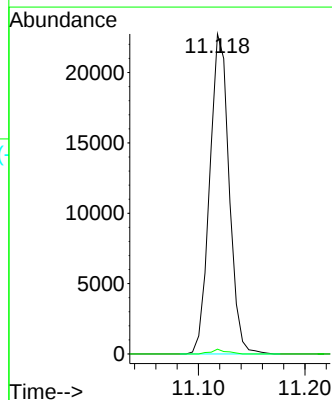
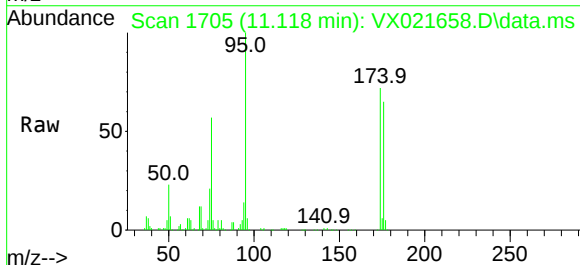
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323

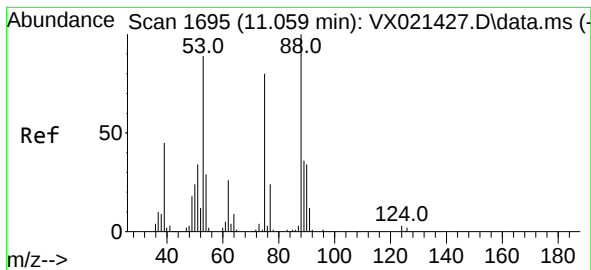
Tgt Ion:152 Resp: 44859
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 156.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.59 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

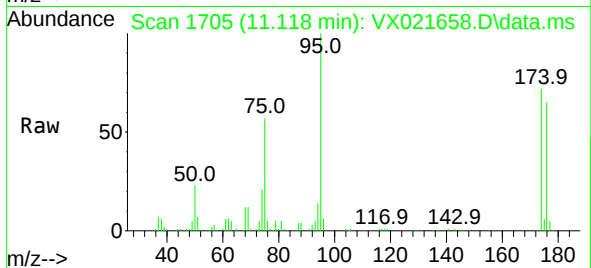
Tgt Ion: 75 Resp: 28818
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.05 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021658.D
Acq: 31 Mar 2021 03:01

Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210323



Tgt Ion: 75 Resp: 28818
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

