

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021464.D
 Acq On : 25 Mar 2021 03:22
 Operator : JC/MD
 Sample : M1787-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20210318

Quant Time: Mar 25 06:55:29 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)

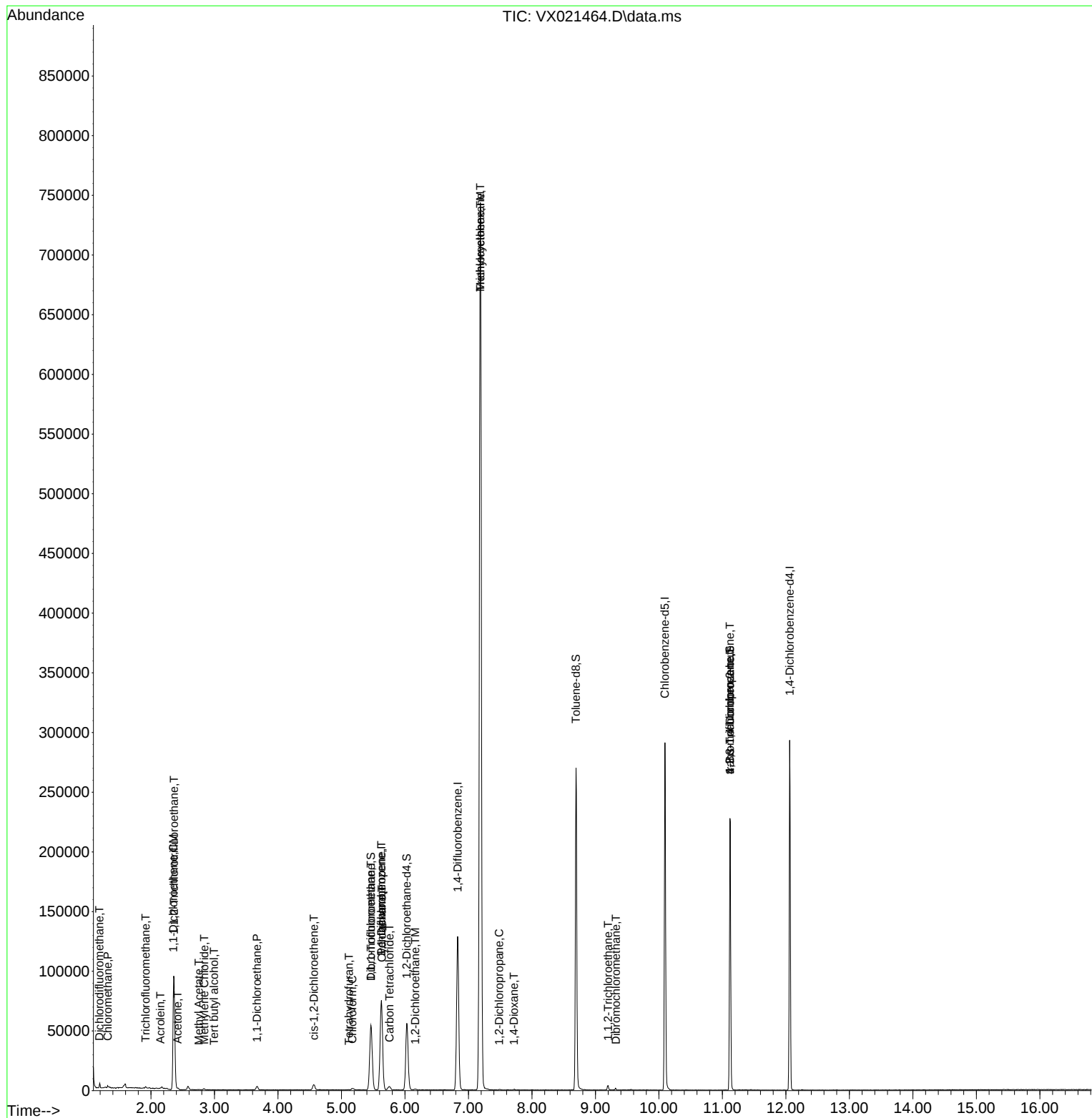
Internal Standards						
1) Pentafluorobenzene	5.629	168	63366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	54554	51.74	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.48%	
35) Dibromofluoromethane	5.464	113	42877	50.89	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.78%	
50) Toluene-d8	8.694	98	149347	49.75	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.50%	
62) 4-Bromofluorobenzene	11.118	95	61008	52.27	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.54%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	276	0.40	ug/l	99
3) Chloromethane	1.317	50	1685	2.14	ug/l	91
7) Trichlorofluoromethane	1.917	101	520	0.45	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	23461	35.97	ug/l	96
11) Tert butyl alcohol	2.993	59	41	0.24	ug/l #	73
12) 1,1-Dichloroethene	2.352	96	13884	21.74	ug/l	89
13) Acrolein	2.146	56	21	4.53	ug/l #	58
16) Acetone	2.417	43	1432	3.59	ug/l #	79
18) Methyl Acetate	2.752	43	274	0.24	ug/l #	47
20) Methylene Chloride	2.840	84	295	0.38	ug/l #	61
24) 1,1-Dichloroethane	3.670	63	3283	2.42	ug/l #	91
27) cis-1,2-Dichloroethene	4.564	96	2561	3.14	ug/l	98
29) Tetrahydrofuran	5.117	42	214	0.55	ug/l #	27
30) Chloroform	5.170	83	1464	1.02	ug/l #	81
31) Cyclohexane	5.635	56	1858	1.60	ug/l #	44
32) 1,1,1-Trichloroethane	5.464	97	3041	2.39	ug/l #	93
36) 1,1-Dichloropropene	5.629	75	6154	5.30	ug/l #	48
38) Carbon Tetrachloride	5.758	117	2460	1.97	ug/l #	94
39) Methylcyclohexane	7.188	83	3717	2.89	ug/l #	1
42) 1,2-Dichloroethane	6.164	62	794	0.55	ug/l #	73
44) Trichloroethene	7.188	130	263727	302.83	ug/l	89
45) 1,2-Dichloropropane	7.482	63	235	0.26	ug/l #	43
49) 1,4-Dioxane	7.717	88	367	17.61	ug/l #	87
55) 1,1,2-Trichloroethane	9.200	97	897	1.04	ug/l	92
60) Dibromochloromethane	9.323	129	238	0.25	ug/l #	11
76) 1,2,3-Trichloropropane	11.118	75	34086	27.85	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34086	84.83	ug/l #	12

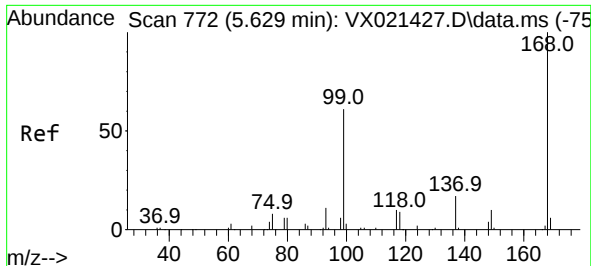
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
Data File : VX021464.D
Acq On : 25 Mar 2021 03:22
Operator : JC/MD
Sample : M1787-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

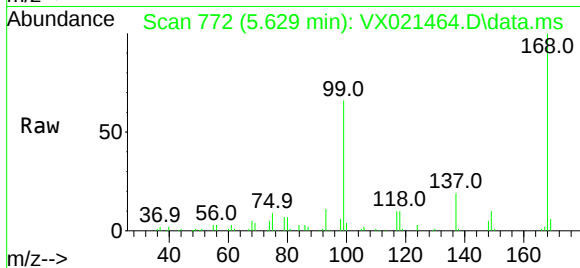
Quant Time: Mar 25 06:55:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



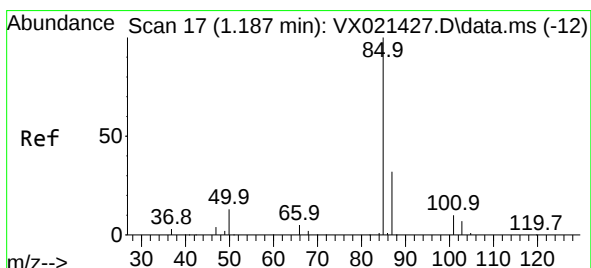
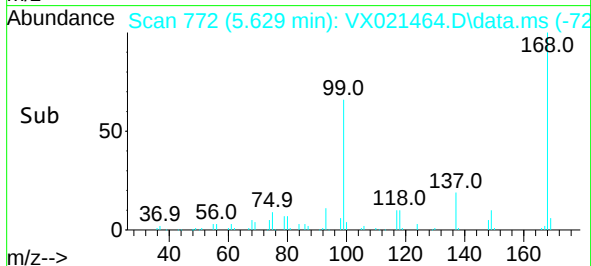
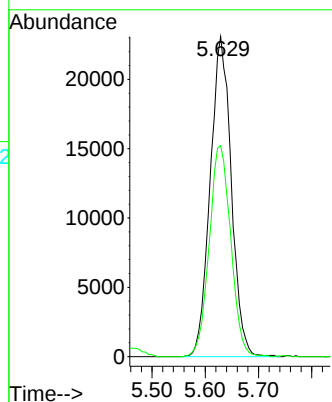


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

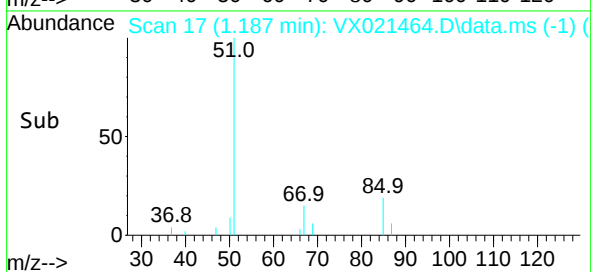
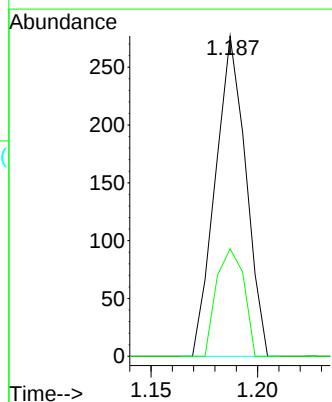
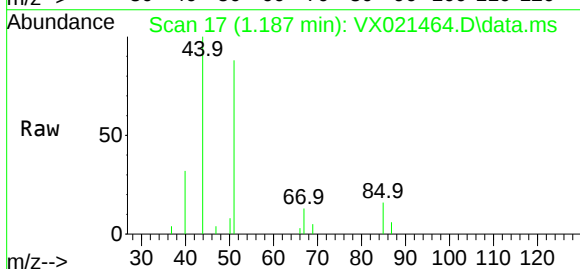


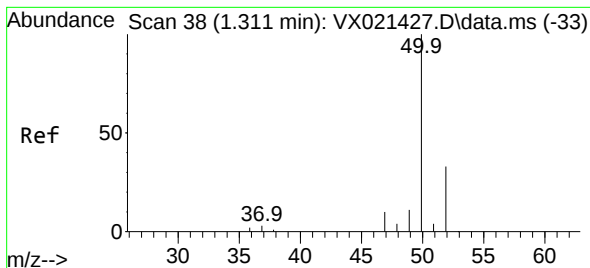
Tgt Ion:168 Resp: 63366
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.40 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Tgt Ion: 85 Resp: 276
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.2





#3

Chloromethane

Concen: 2.14 ug/l

RT: 1.317 min Scan# 39

Delta R.T. 0.006 min

Lab File: VX021464.D

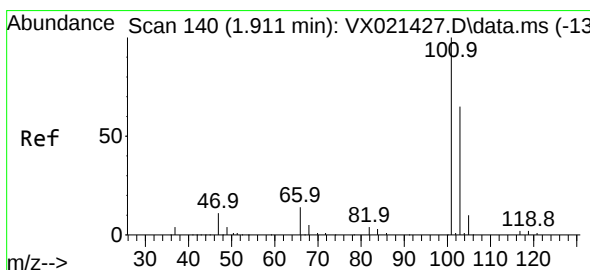
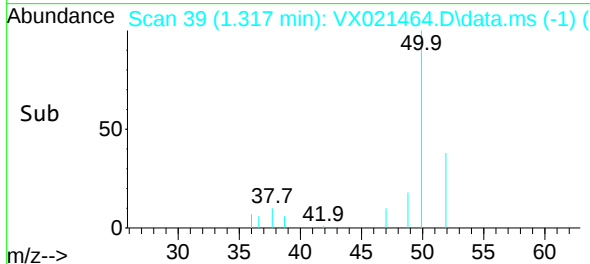
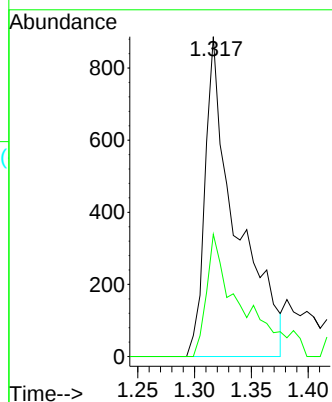
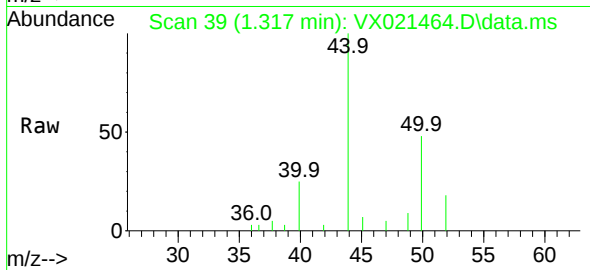
Acq: 25 Mar 2021 03:22

Tgt Ion: 50 Resp: 1685

Ion Ratio Lower Upper

50 100

52 38.2 26.4 39.6



#7

Trichlorofluoromethane

Concen: 0.45 ug/l

RT: 1.917 min Scan# 141

Delta R.T. 0.006 min

Lab File: VX021464.D

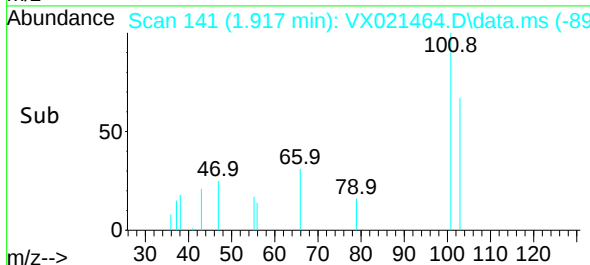
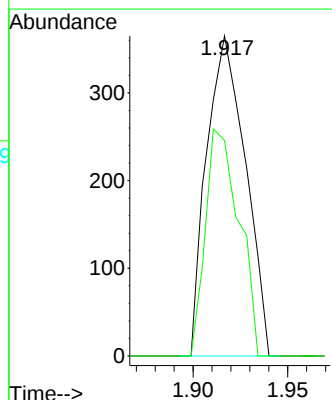
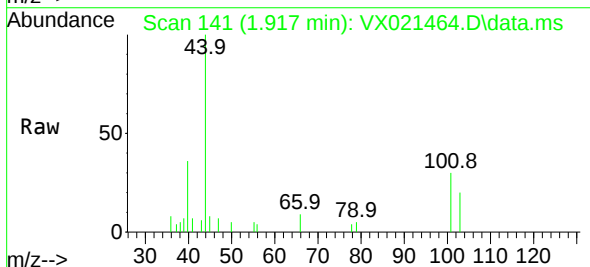
Acq: 25 Mar 2021 03:22

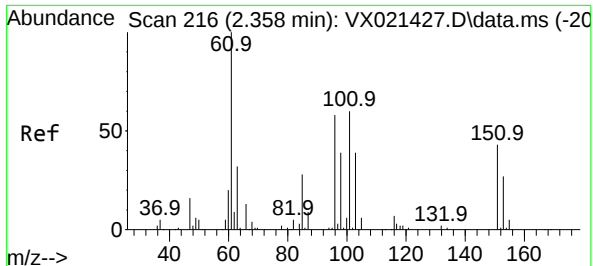
Tgt Ion: 101 Resp: 520

Ion Ratio Lower Upper

101 100

103 67.4 53.2 79.8

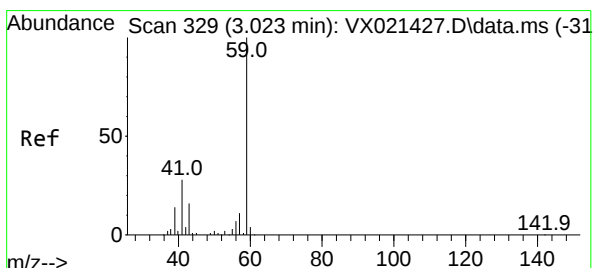
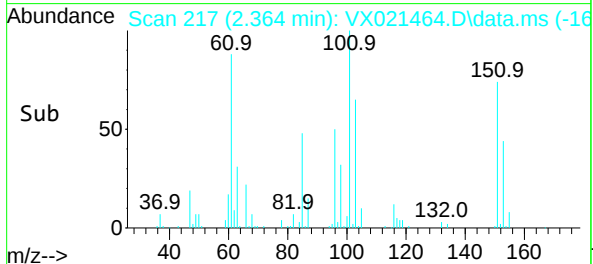
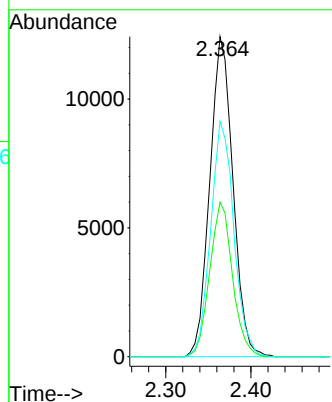
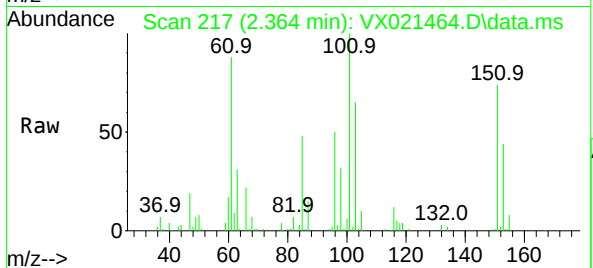




#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.97 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

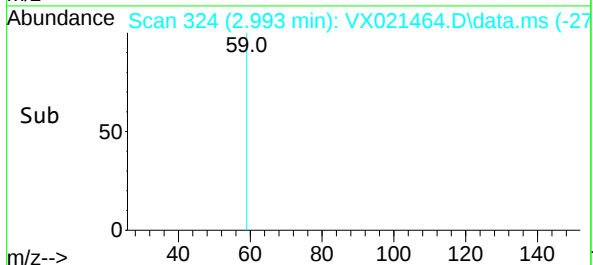
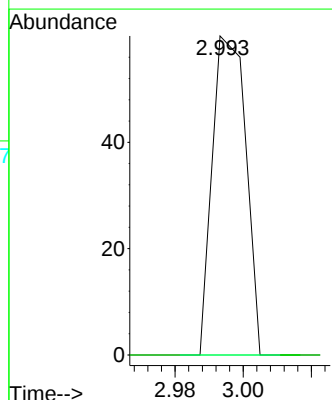
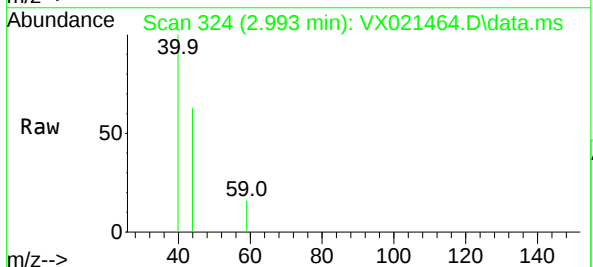
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

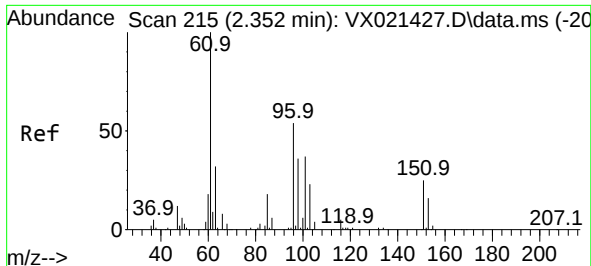
Tgt Ion:101 Resp: 23461
Ion Ratio Lower Upper
101 100
85 47.4 34.9 52.3
151 73.8 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.24 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.030 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Tgt Ion: 59 Resp: 41
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

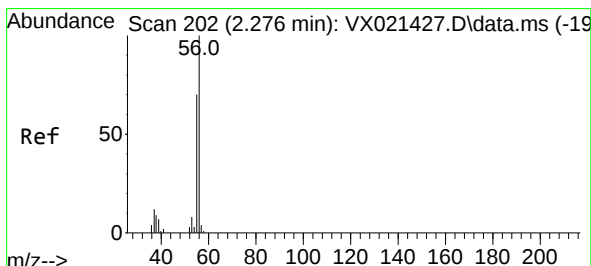
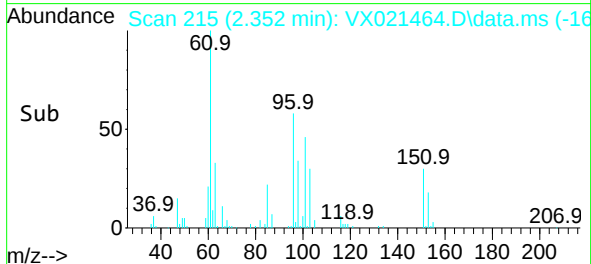
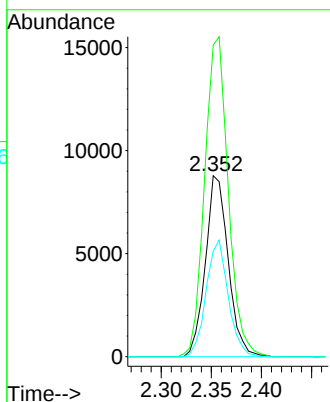
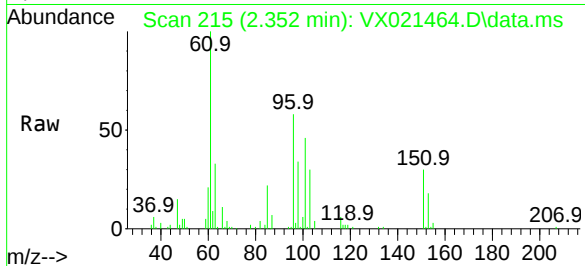




#12
1,1-Dichloroethene
Concen: 21.74 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

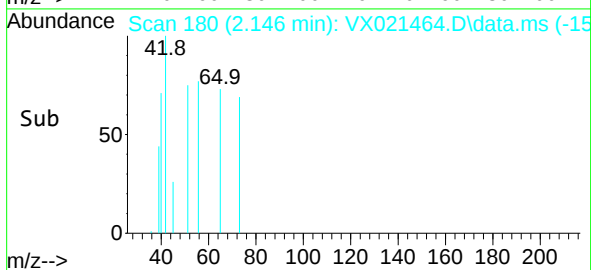
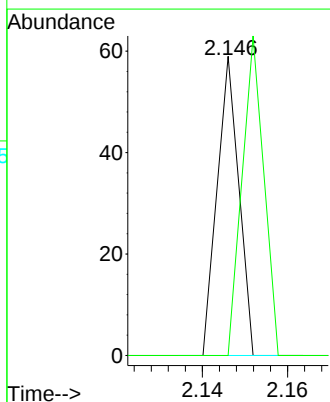
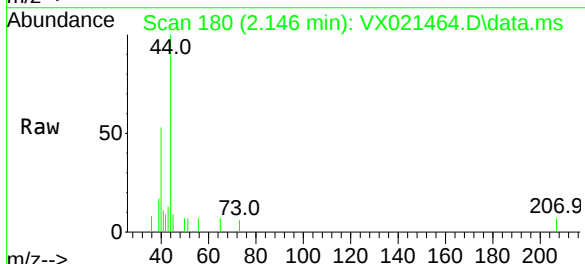
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

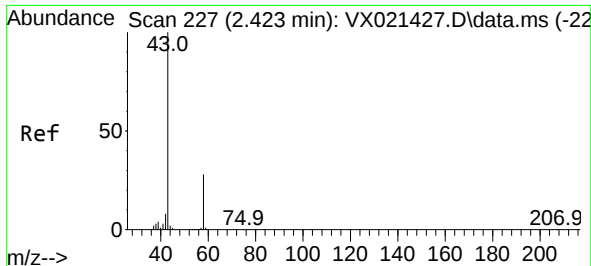
Tgt Ion: 96 Resp: 13884
Ion Ratio Lower Upper
96 100
61 172.3 124.6 187.0
98 58.4 50.6 76.0



#13
Acrolein
Concen: 4.53 ug/l
RT: 2.146 min Scan# 180
Delta R.T. -0.130 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 104.8 56.4 84.6#

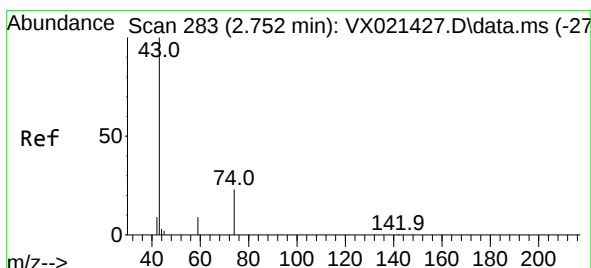
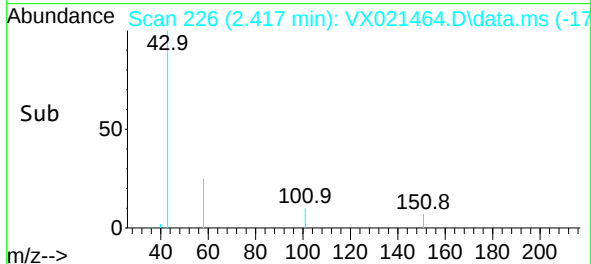
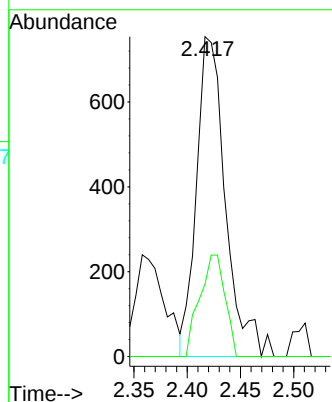
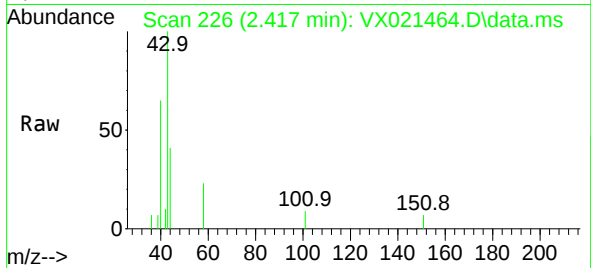




#16
Acetone
Concen: 3.59 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

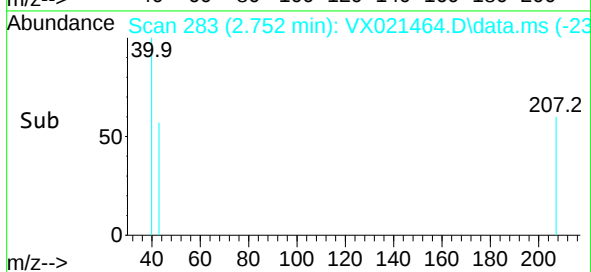
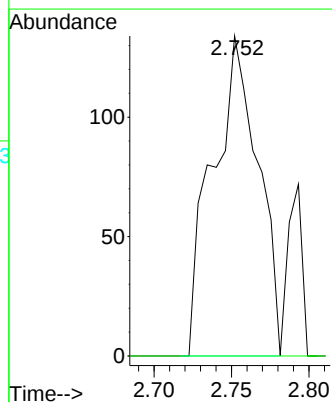
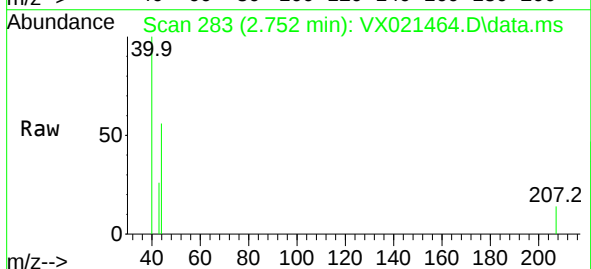
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

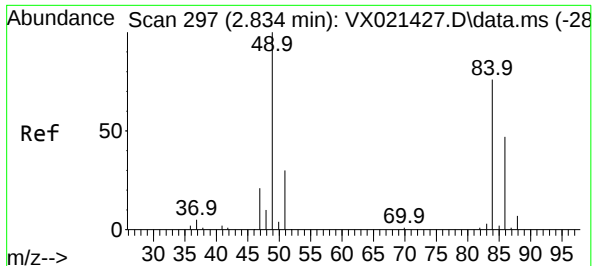
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
58 22.7 27.8 41.8#



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.38 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Tgt Ion: 84 Resp: 295

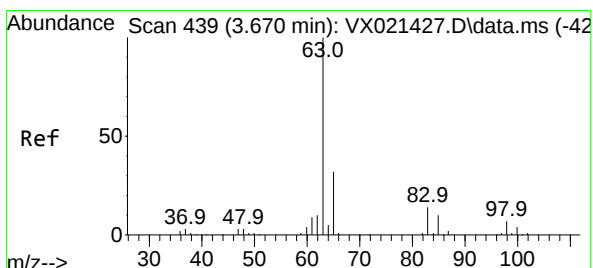
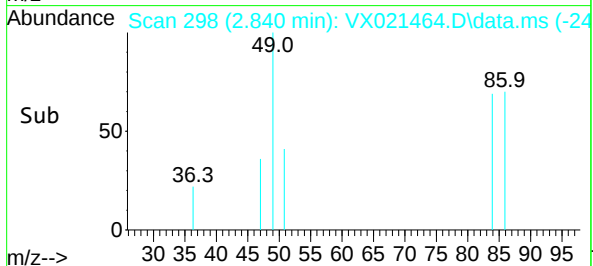
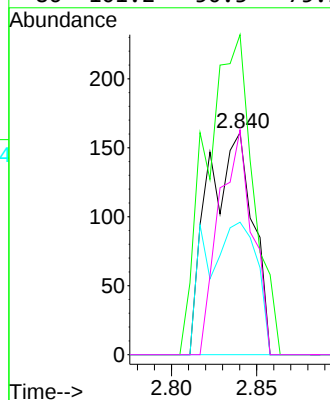
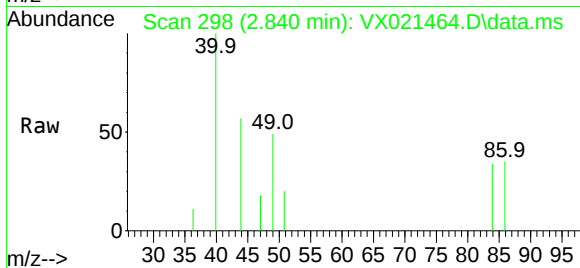
Ion Ratio Lower Upper

84 100

49 144.1 88.6 132.8#

51 59.6 27.0 40.6#

86 101.2 50.3 75.5#



#24

1,1-Dichloroethane

Concen: 2.42 ug/l

RT: 3.670 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

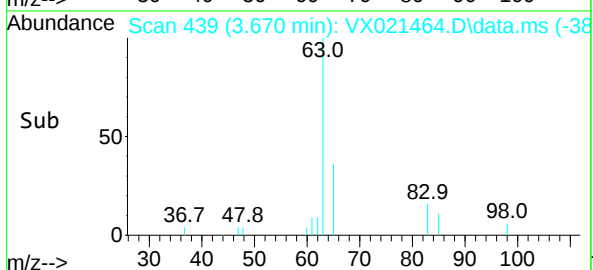
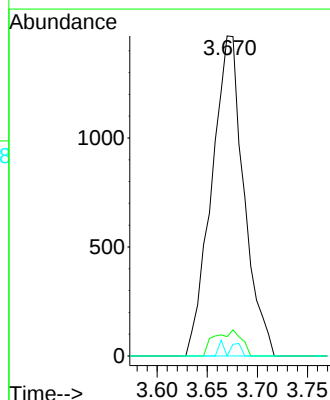
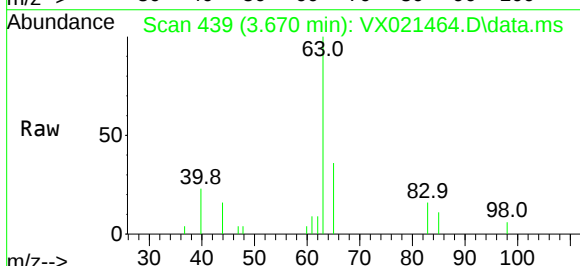
Tgt Ion: 63 Resp: 3283

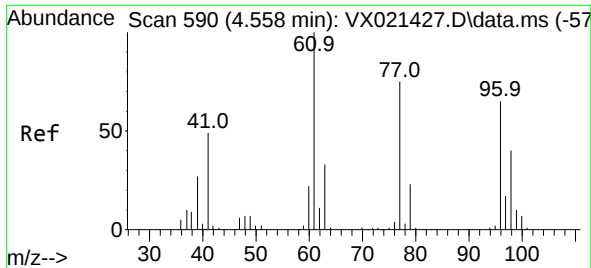
Ion Ratio Lower Upper

63 100

98 6.1 3.8 11.2

100 0.0 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 3.14 ug/l

RT: 4.564 min Scan# 591

Delta R.T. 0.006 min

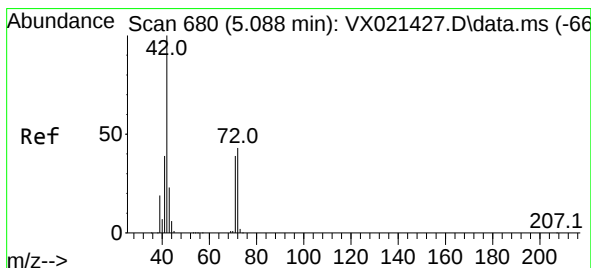
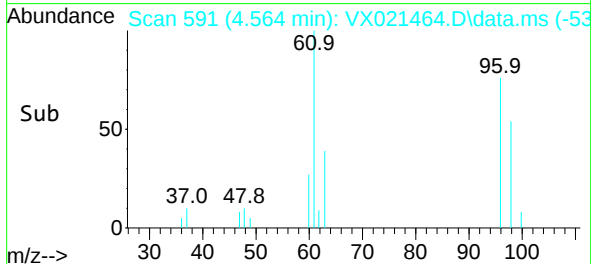
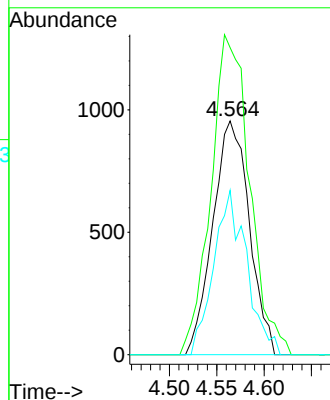
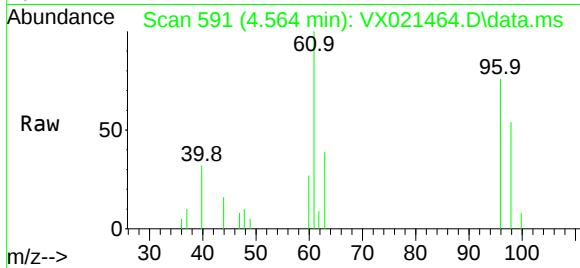
Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Tgt Ion: 96 Resp: 2561

Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	285.6
98	63.5	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318



#29

Tetrahydrofuran

Concen: 0.55 ug/l

RT: 5.117 min Scan# 685

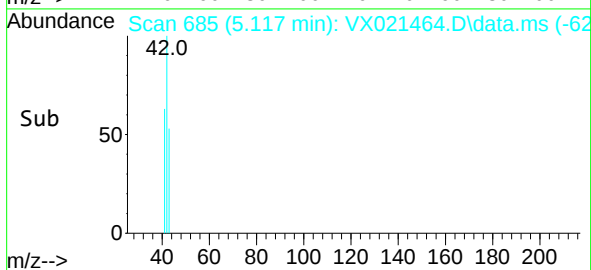
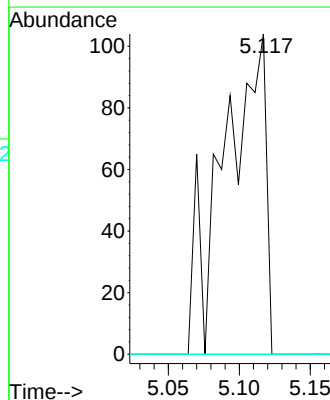
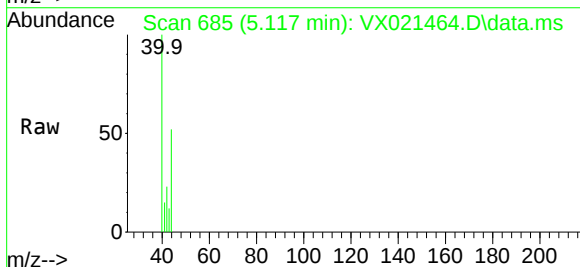
Delta R.T. 0.029 min

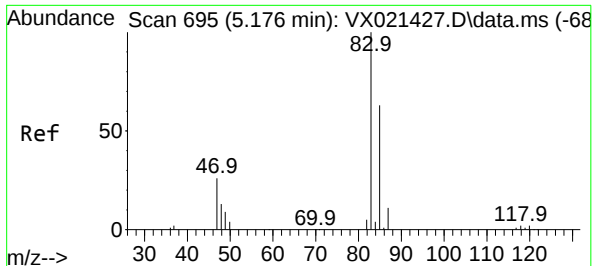
Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Tgt Ion: 42 Resp: 214

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#





#30

Chloroform

Concen: 1.02 ug/l

RT: 5.170 min Scan# 694

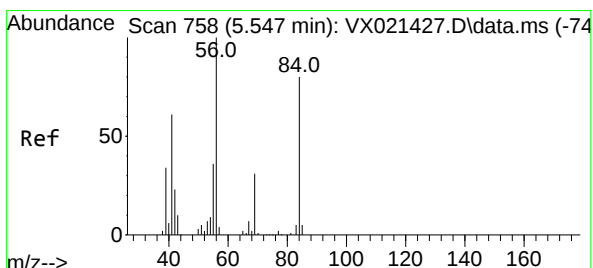
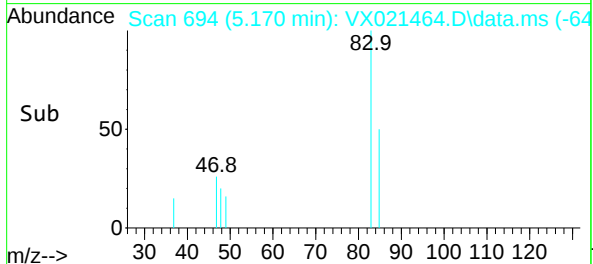
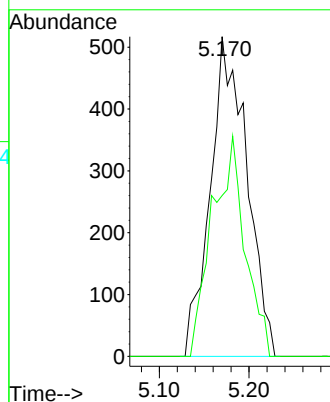
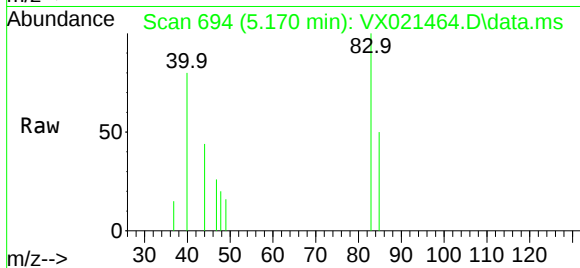
Delta R.T. -0.006 min

Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

Tgt Ion: 83 Resp: 1464
Ion Ratio Lower Upper
83 100
85 50.3 52.0 78.0#



#31

Cyclohexane

Concen: 1.60 ug/l

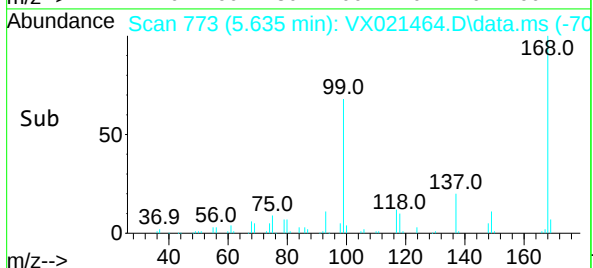
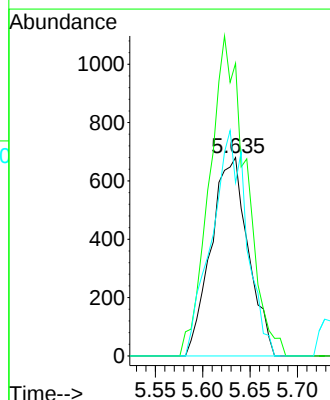
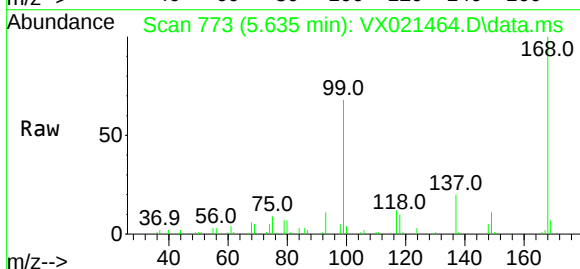
RT: 5.635 min Scan# 773

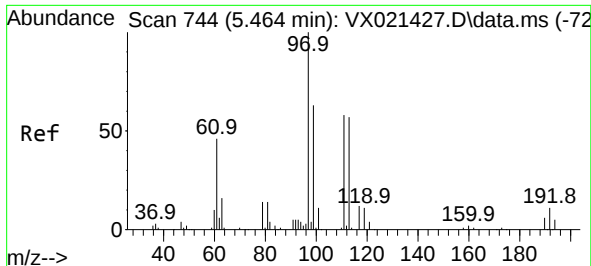
Delta R.T. 0.088 min

Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Tgt Ion: 56 Resp: 1858
Ion Ratio Lower Upper
56 100
69 147.5 25.3 37.9#
84 87.4 71.4 107.0

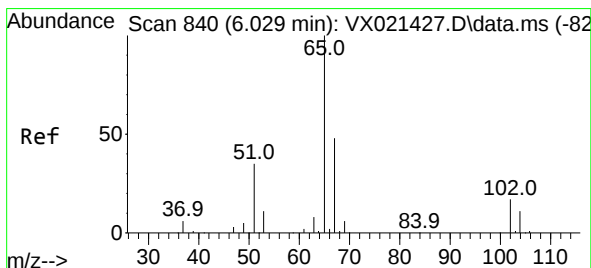
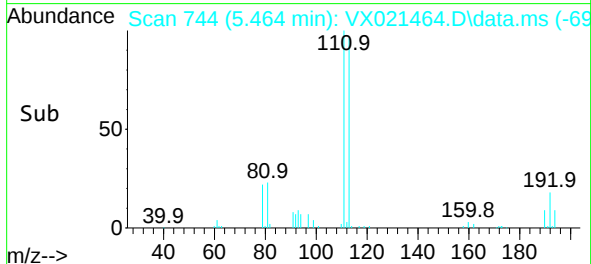
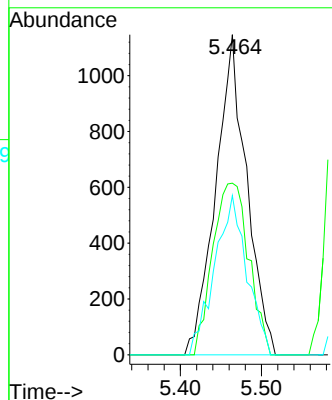
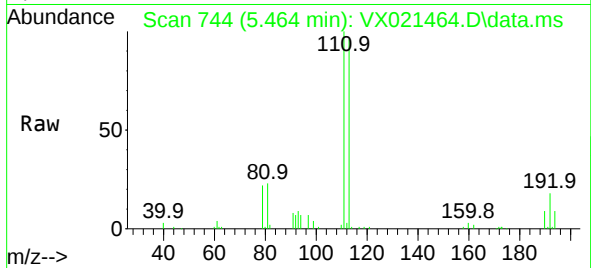




#32
1,1,1-Trichloroethane
Concen: 2.39 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

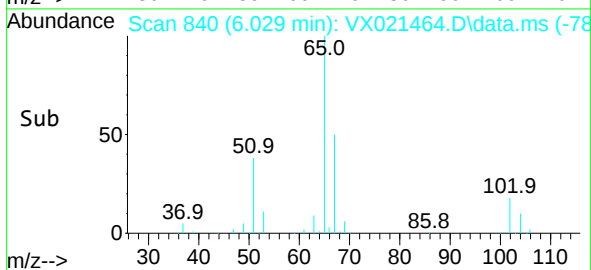
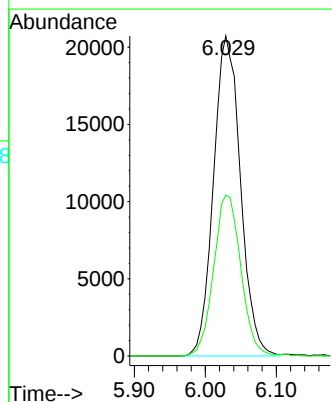
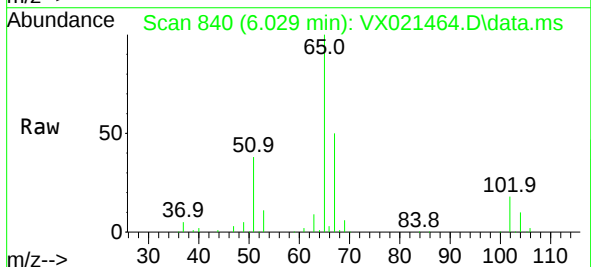
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

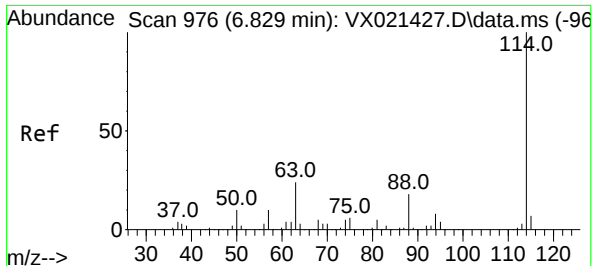
Tgt Ion: 97 Resp: 3041
Ion Ratio Lower Upper
97 100
99 62.5 51.5 77.3
61 51.7 34.2 51.4#



#33
1,2-Dichloroethane-d4
Concen: 51.74 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

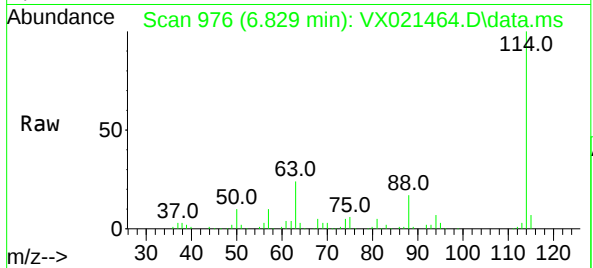
Tgt Ion: 65 Resp: 54554
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4



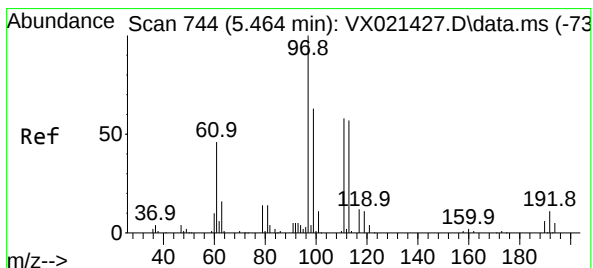
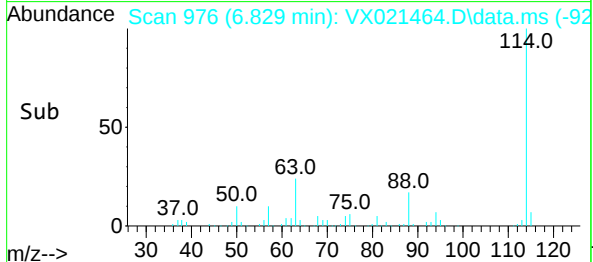
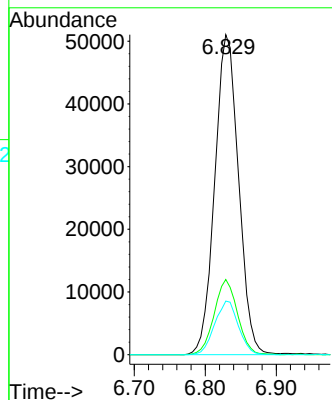


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

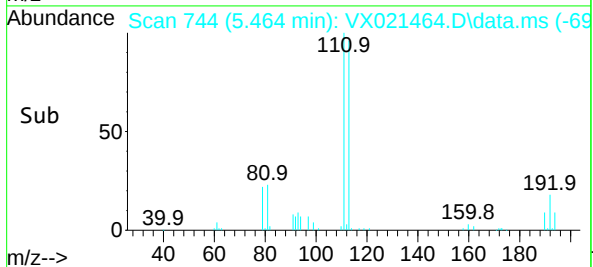
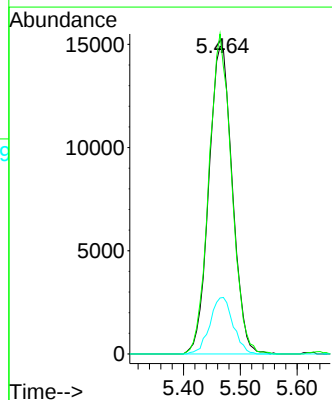
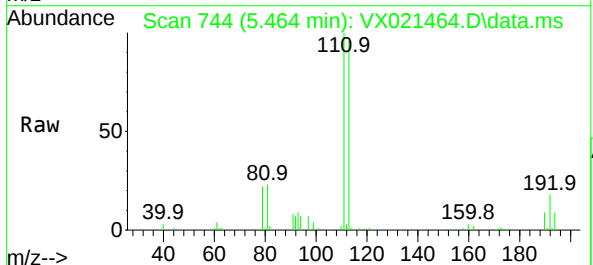


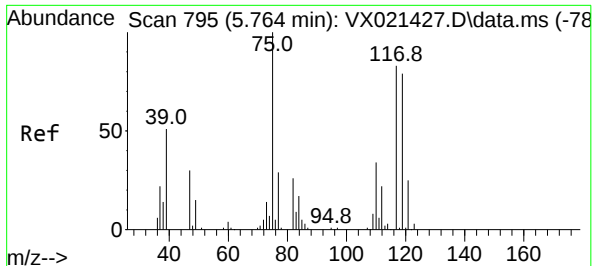
Tgt Ion:114 Resp: 118607
Ion Ratio Lower Upper
114 100
63 23.5 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.89 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Tgt Ion:113 Resp: 42877
Ion Ratio Lower Upper
113 100
111 100.5 81.9 122.9
192 18.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.30 ug/l

RT: 5.629 min Scan# 772

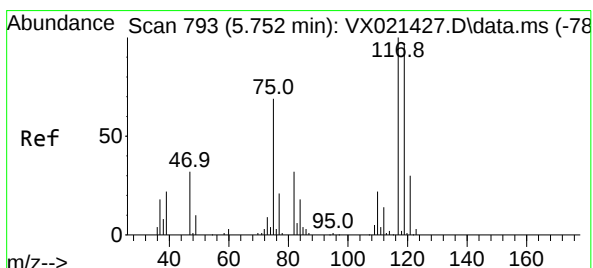
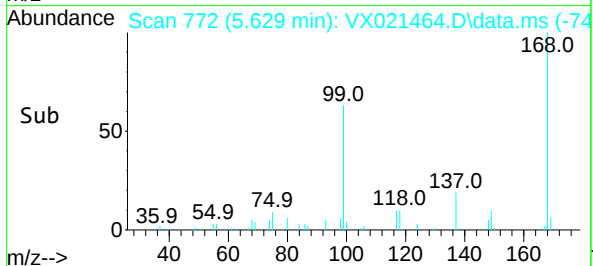
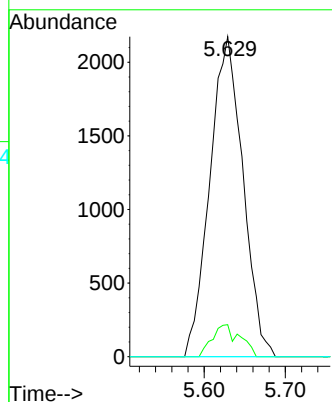
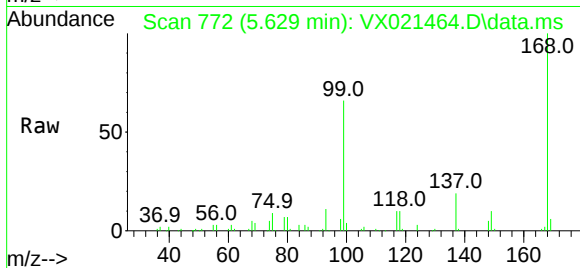
Delta R.T. -0.135 min

Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Tgt Ion:	75	Resp:	6154
Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318



#38

Carbon Tetrachloride

Concen: 1.97 ug/l

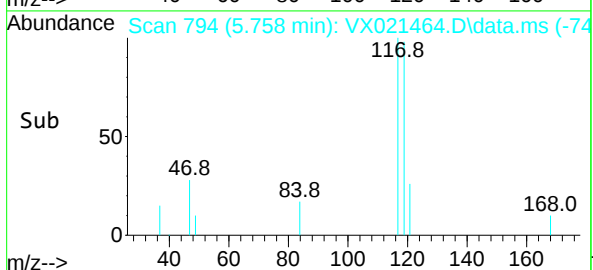
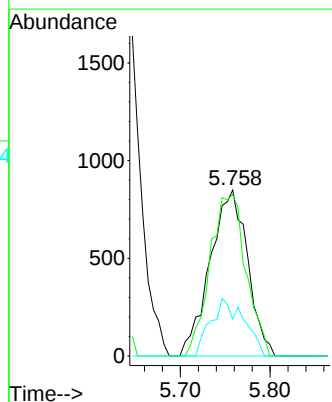
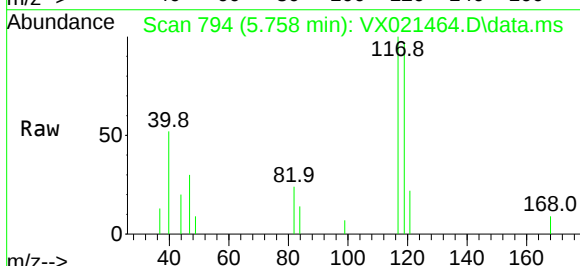
RT: 5.758 min Scan# 794

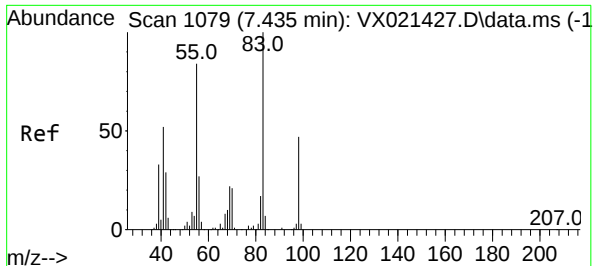
Delta R.T. 0.006 min

Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Tgt Ion:	117	Resp:	2460
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.2	114.2
121	22.3	24.8	37.2#





#39

Methylcyclohexane

Concen: 2.89 ug/l

RT: 7.188 min Scan# 1037

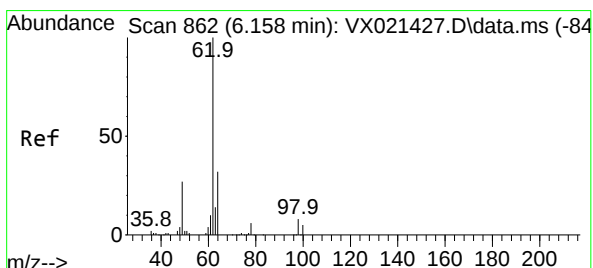
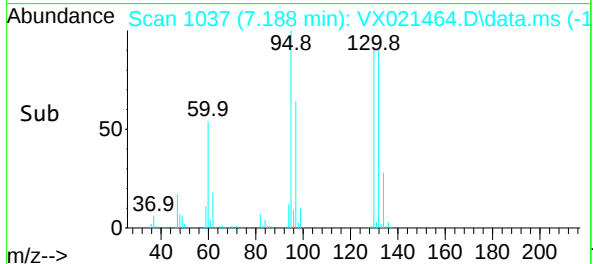
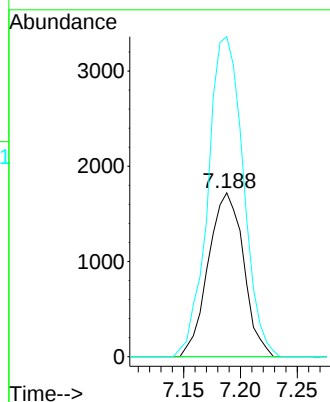
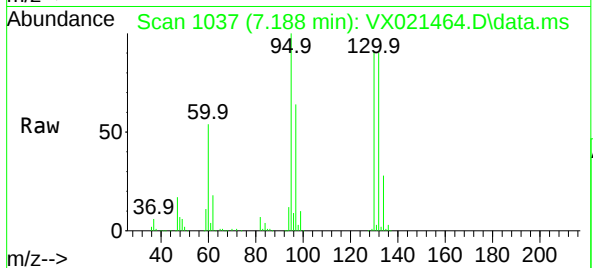
Delta R.T. -0.247 min

Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

Tgt Ion:	83	Resp:	3717
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	195.2	38.1	57.1#



#42

1,2-Dichloroethane

Concen: 0.55 ug/l

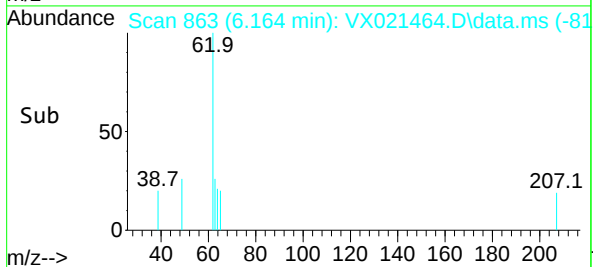
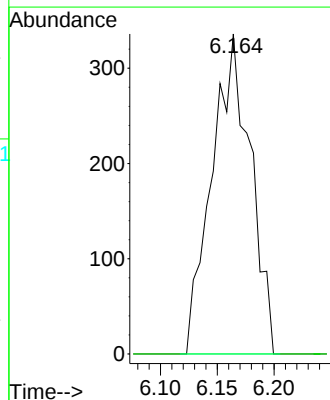
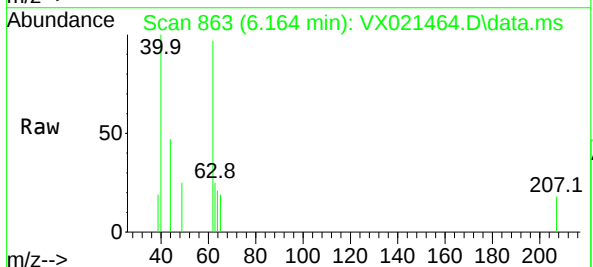
RT: 6.164 min Scan# 863

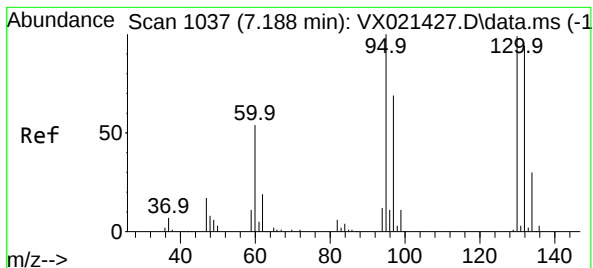
Delta R.T. 0.006 min

Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Tgt Ion:	62	Resp:	794
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2





#44

Trichloroethene

Concen: 302.83 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

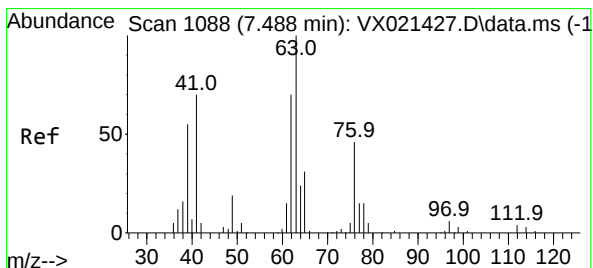
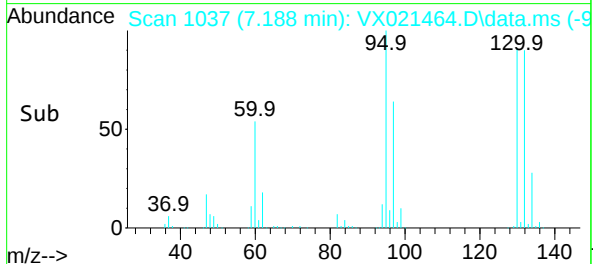
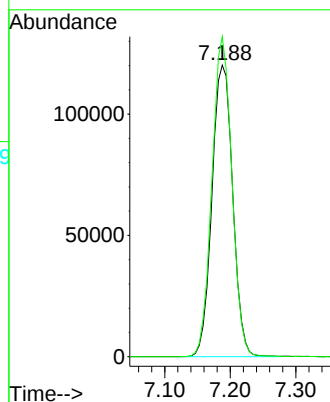
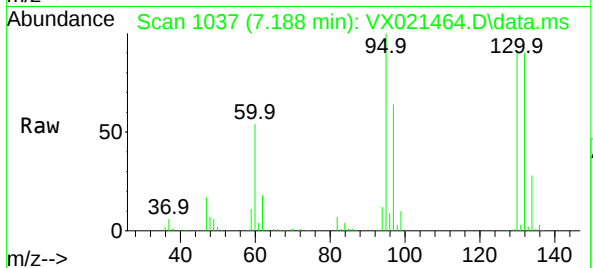
Lab File: VX021464.D

Acq: 25 Mar 2021 03:22

Tgt Ion:130 Resp: 263727

Ion Ratio Lower Upper

130	100		
95	109.8	0.0	198.0



#45

1,2-Dichloropropane

Concen: 0.26 ug/l

RT: 7.482 min Scan# 1087

Delta R.T. -0.006 min

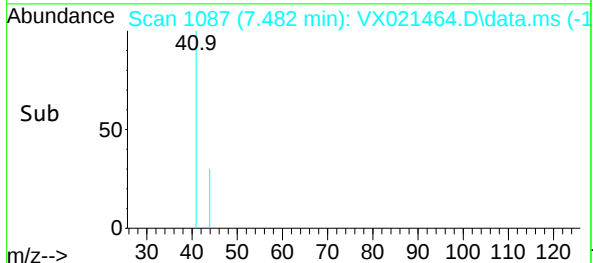
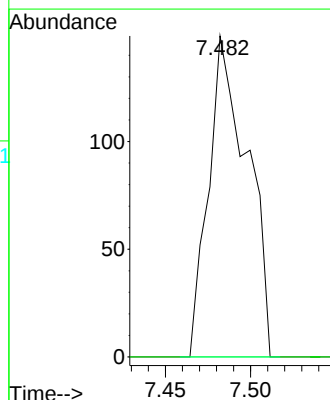
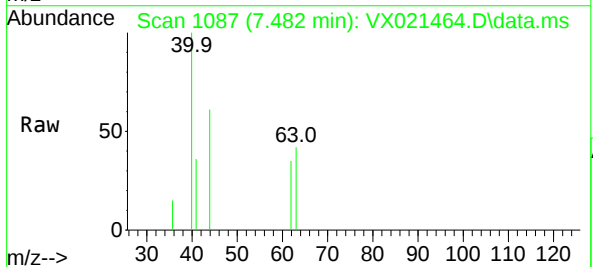
Lab File: VX021464.D

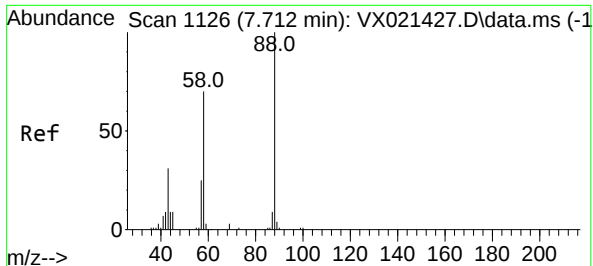
Acq: 25 Mar 2021 03:22

Tgt Ion: 63 Resp: 235

Ion Ratio Lower Upper

63	100		
65	0.0	25.7	38.5#

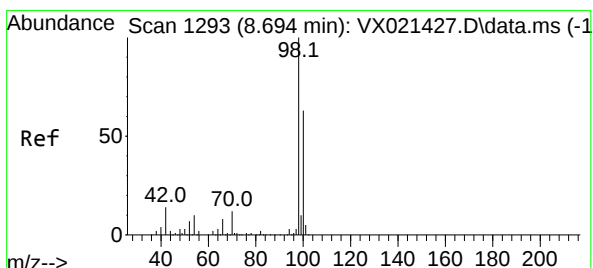
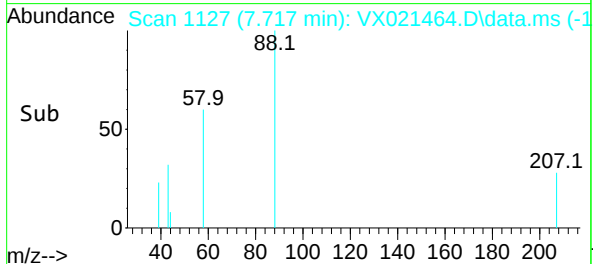
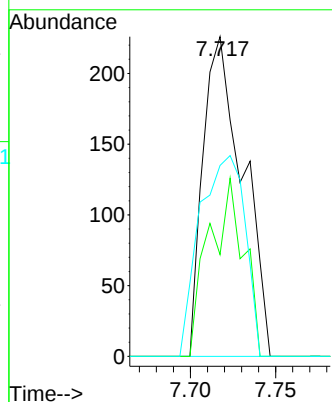
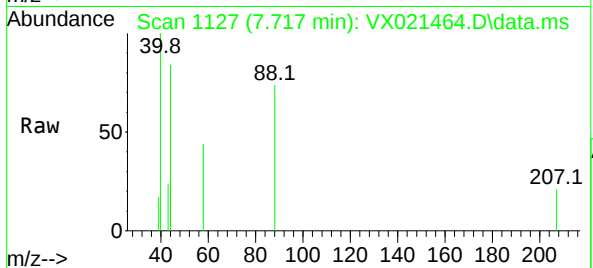




#49
1,4-Dioxane
Concen: 17.61 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

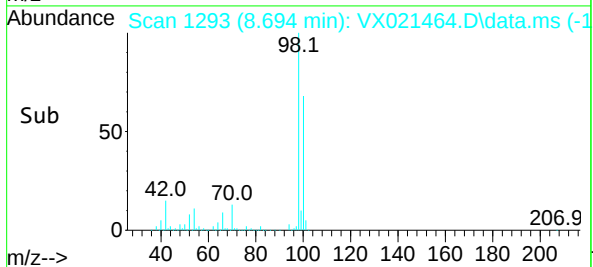
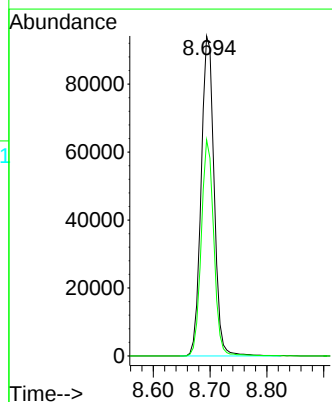
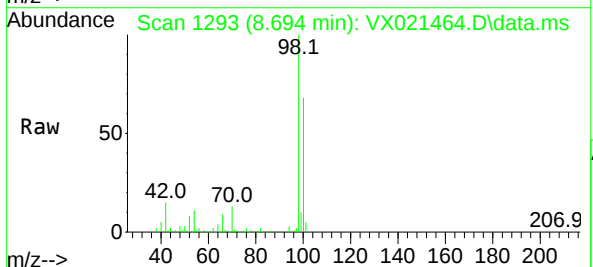
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

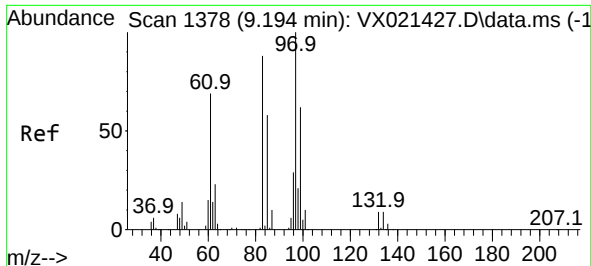
Tgt Ion: 88 Resp: 367
Ion Ratio Lower Upper
88 100
43 48.8 23.2 34.8#
58 71.4 55.0 82.4



#50
Toluene-d8
Concen: 49.75 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

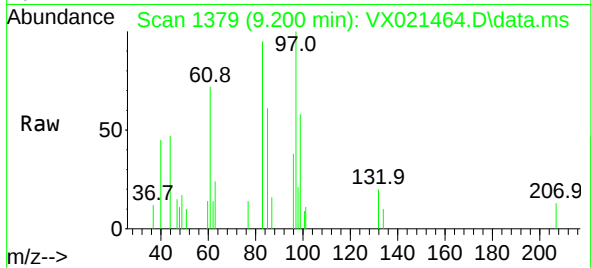
Tgt Ion: 98 Resp: 149347
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



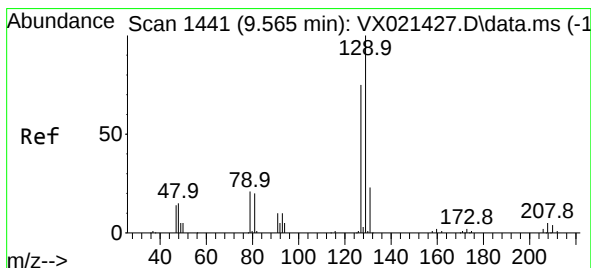
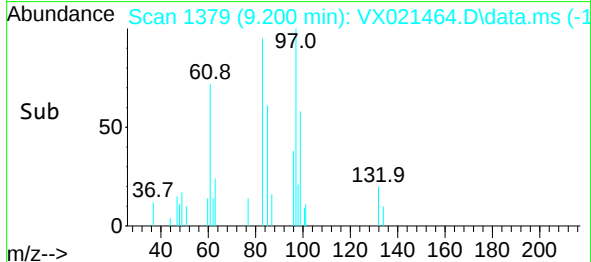
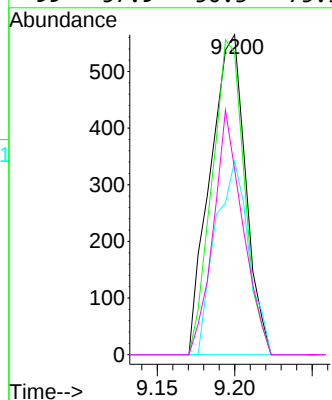


#55
1,1,2-Trichloroethane
Concen: 1.04 ug/l
RT: 9.200 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

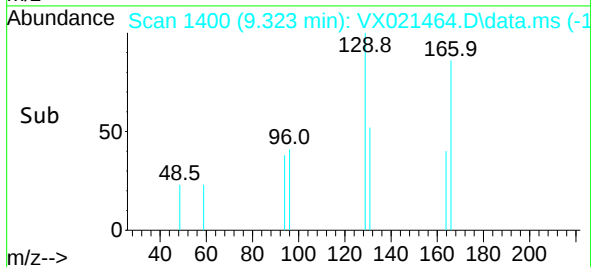
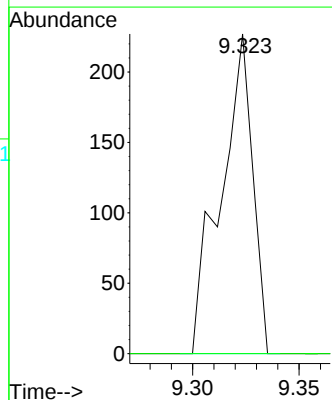
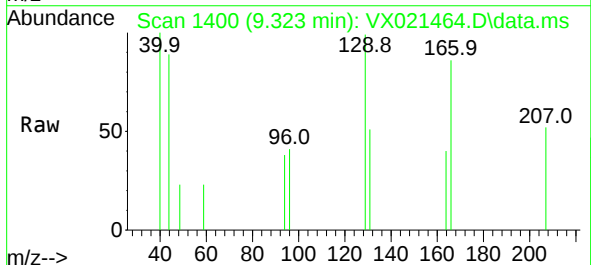


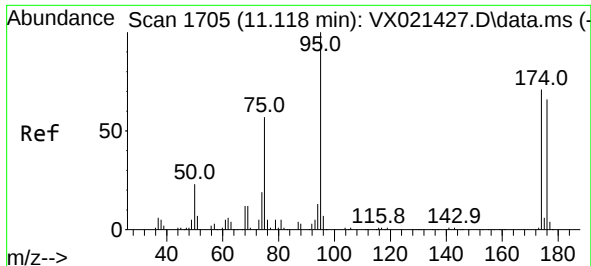
Tgt Ion:	97	Resp:	897
Ion	Ratio	Lower	Upper
97	100		
83	94.5	69.3	103.9
85	60.5	44.3	66.5
99	57.9	50.3	75.5



#60
Dibromochloromethane
Concen: 0.25 ug/l
RT: 9.323 min Scan# 1400
Delta R.T. -0.242 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Tgt Ion:	129	Resp:	238
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

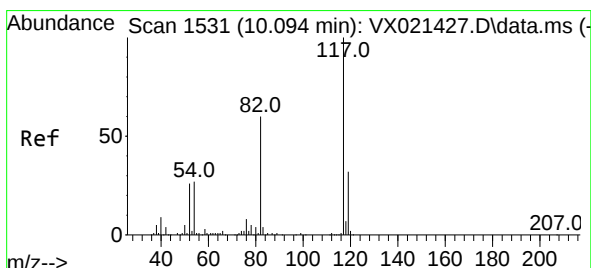
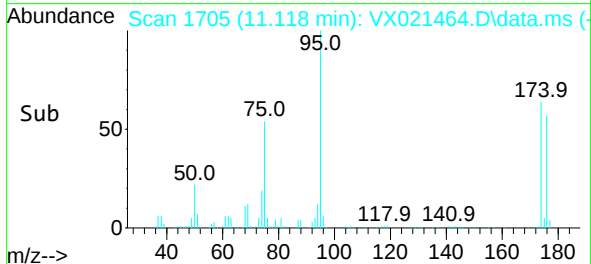
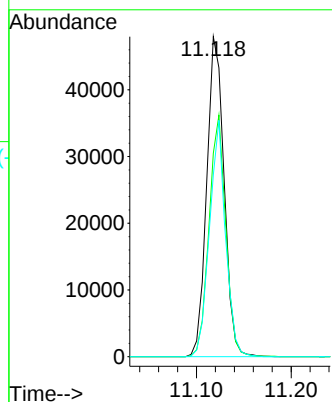
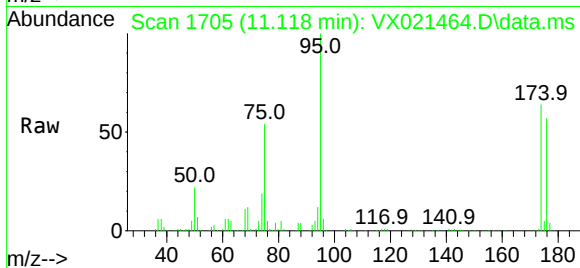




#62
4-Bromofluorobenzene
Concen: 52.27 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

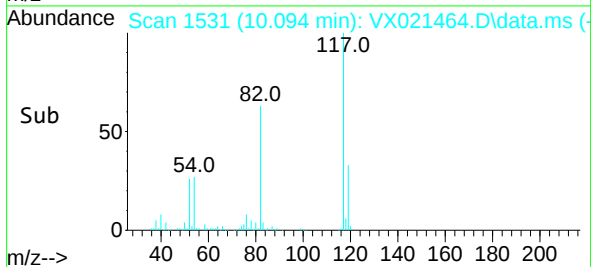
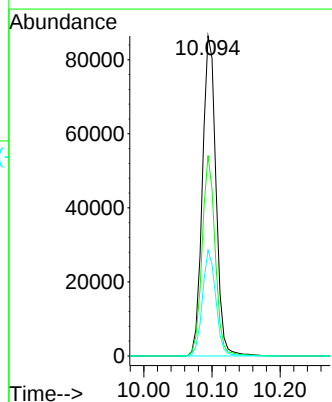
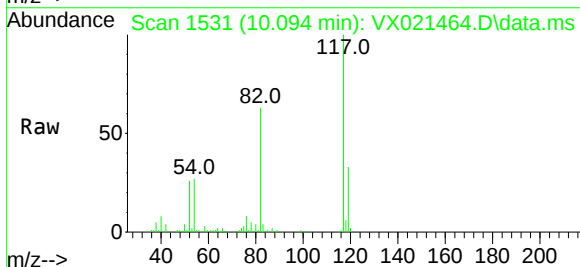
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

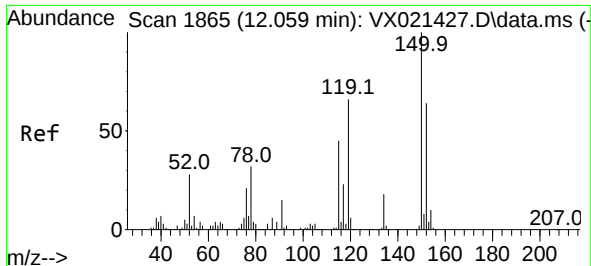
Tgt Ion: 95 Resp: 61008
Ion Ratio Lower Upper
95 100
174 72.8 0.0 154.6
176 68.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

Tgt Ion: 117 Resp: 119401
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 33.1 26.6 39.8

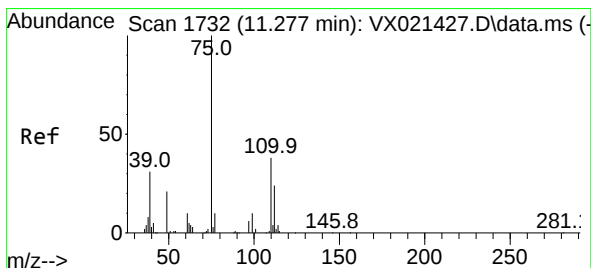
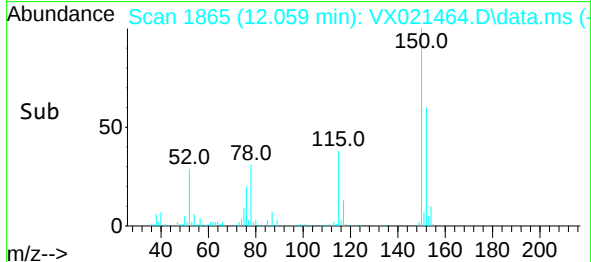
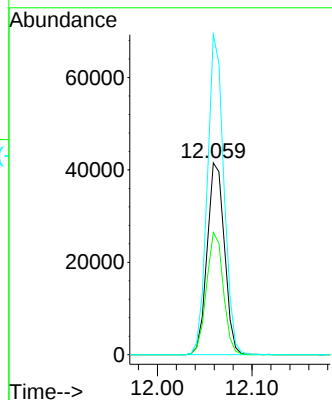
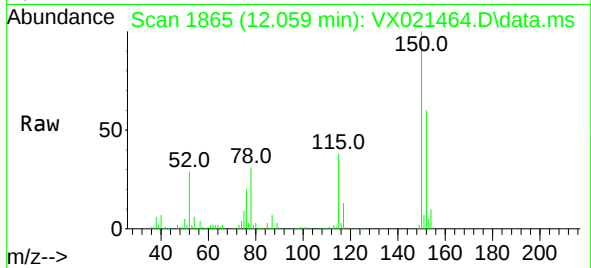




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

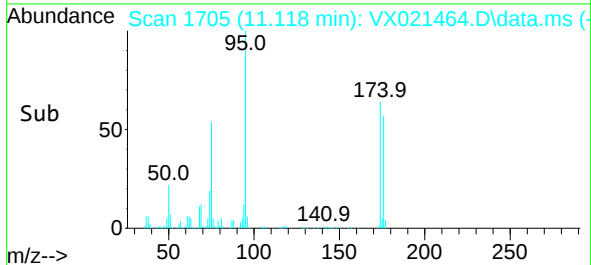
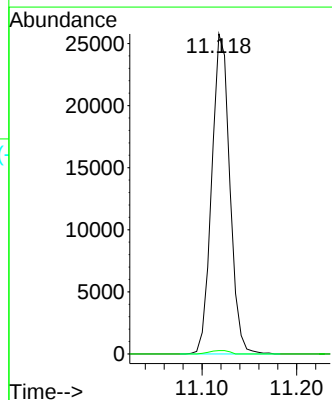
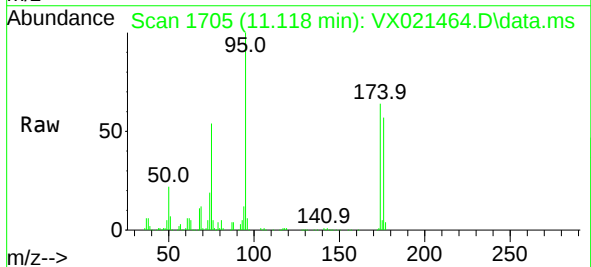
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210318

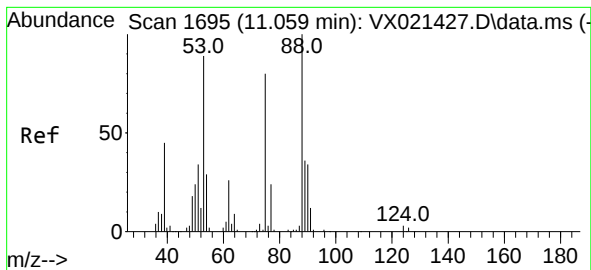
Tgt Ion:152 Resp: 52576
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 159.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.85 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021464.D
Acq: 25 Mar 2021 03:22

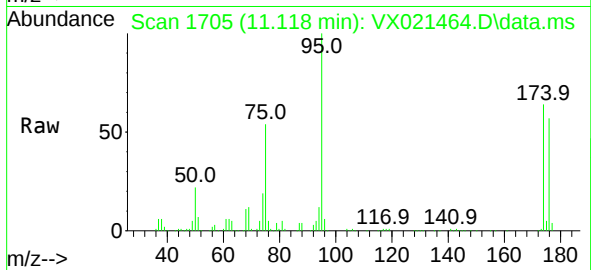
Tgt Ion: 75 Resp: 34086
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.83 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021464.D
 Acq: 25 Mar 2021 03:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20210318



Tgt Ion: 75 Resp: 34086
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

