

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021607.D
 Acq On : 30 Mar 2021 03:47
 Operator : JC/MD
 Sample : M1843-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20210325

Quant Time: Mar 30 05:24:19 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)

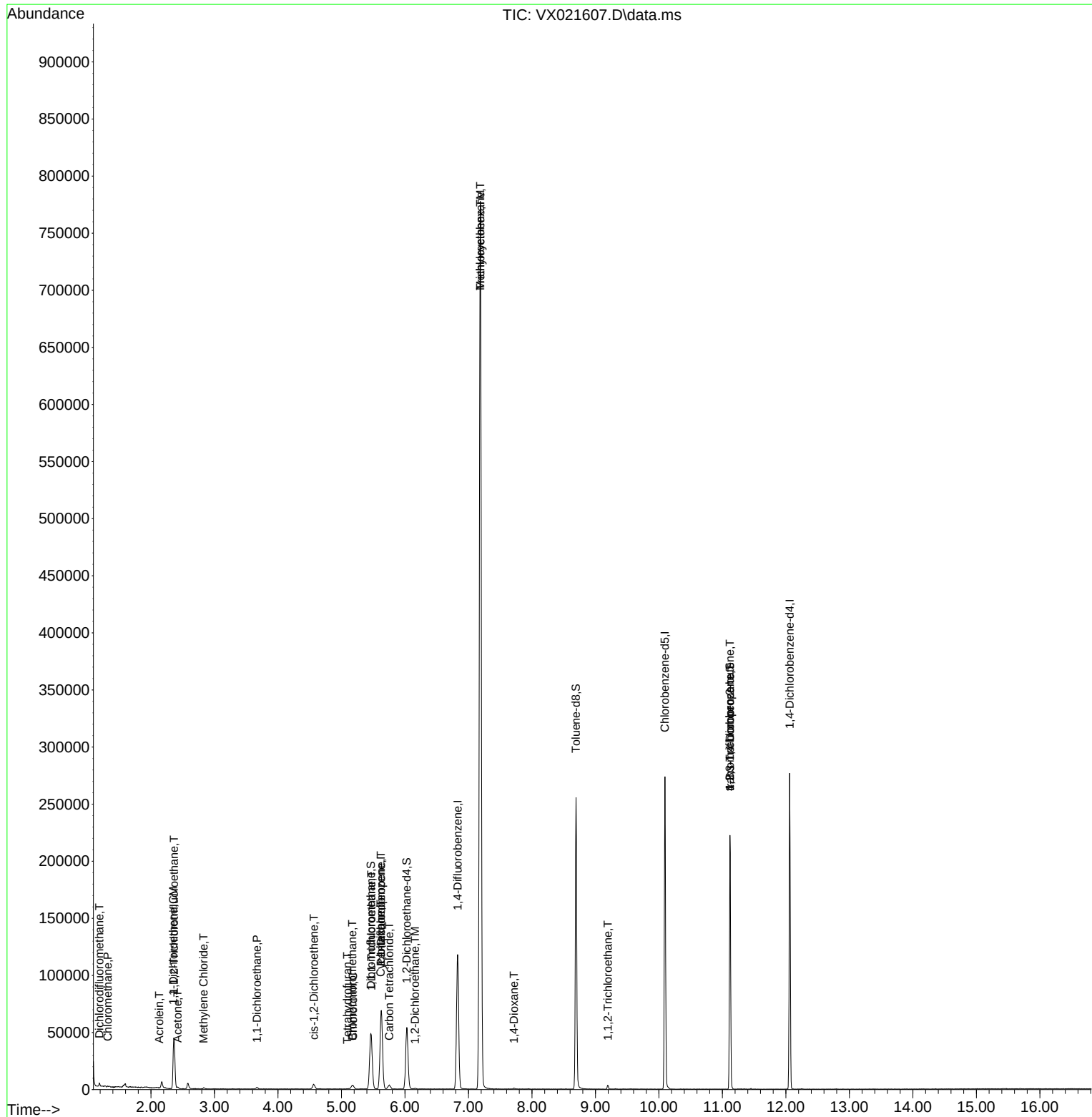
Internal Standards						
1) Pentafluorobenzene	5.623	168	59113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	112519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53731	54.63	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.26%			
35) Dibromofluoromethane	5.464	113	40601	50.80	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.60%			
50) Toluene-d8	8.694	98	141063	49.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.06%			
62) 4-Bromofluorobenzene	11.118	95	56580	51.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.20%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	1338	2.06	ug/l	100
3) Chloromethane	1.317	50	1580	2.16	ug/l #	87
9) 1,1,2-Trichlorotrifluo...	2.364	101	13584	22.33	ug/l	97
12) 1,1-Dichloroethene	2.352	96	4626	7.77	ug/l	83
13) Acrolein	2.128	56	21	4.55	ug/l #	1
16) Acetone	2.417	43	1495	4.02	ug/l #	84
20) Methylene Chloride	2.829	84	407	0.56	ug/l	98
24) 1,1-Dichloroethane	3.670	63	1621	1.28	ug/l #	91
27) cis-1,2-Dichloroethene	4.564	96	2299	3.03	ug/l	98
28) Bromochloromethane	5.170	49	427	0.67	ug/l #	9
29) Tetrahydrofuran	5.094	42	138	0.38	ug/l #	27
30) Chloroform	5.182	83	3832	2.87	ug/l	97
31) Cyclohexane	5.617	56	1696	1.57	ug/l #	41
32) 1,1,1-Trichloroethane	5.470	97	955	0.81	ug/l #	24
36) 1,1-Dichloropropene	5.623	75	5510	5.00	ug/l #	48
38) Carbon Tetrachloride	5.752	117	2892	2.44	ug/l	93
39) Methylcyclohexane	7.188	83	3608	2.95	ug/l #	1
42) 1,2-Dichloroethane	6.158	62	512	0.38	ug/l #	73
44) Trichloroethene	7.188	130	273726	331.32	ug/l	95
49) 1,4-Dioxane	7.717	88	397	20.08	ug/l #	80
55) 1,1,2-Trichloroethane	9.194	97	806	0.99	ug/l	92
76) 1,2,3-Trichloropropane	11.118	75	32033	26.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32033	82.05	ug/l #	12

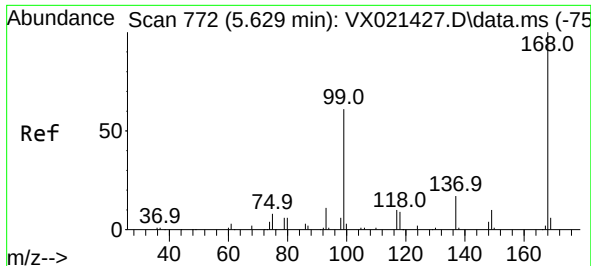
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
RE115D1-20210325

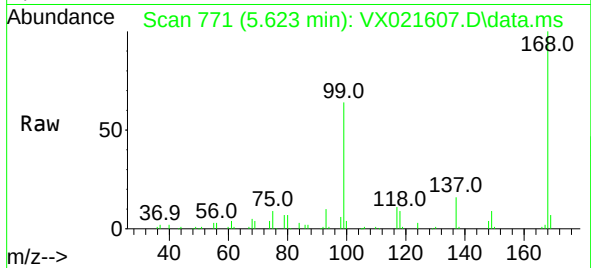
Quant Time: Mar 30 05:24:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



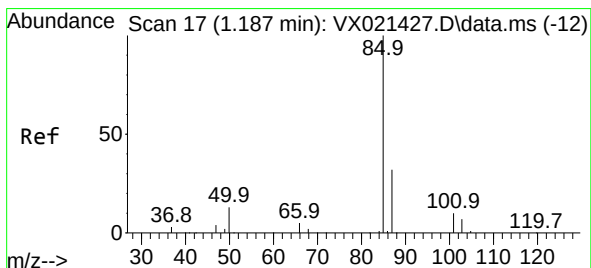
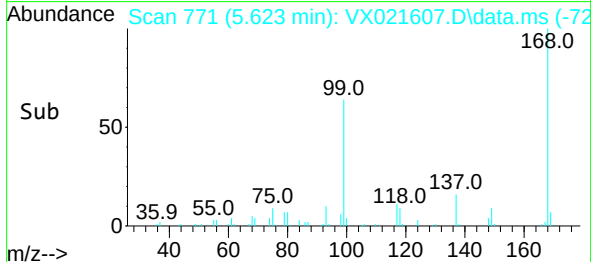
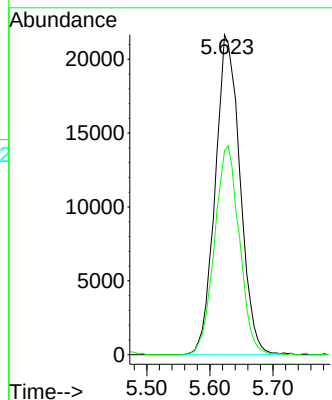


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

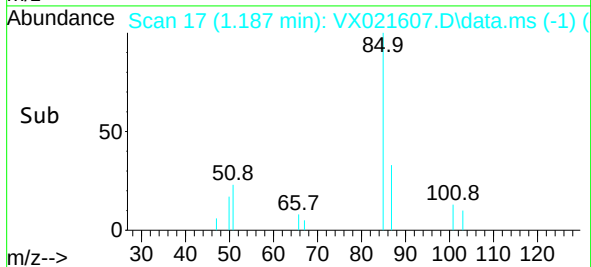
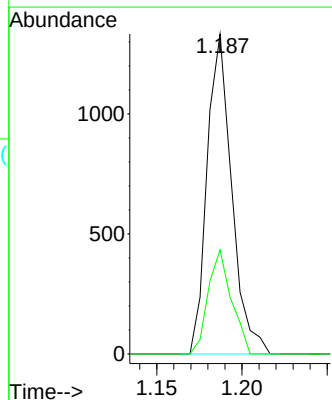
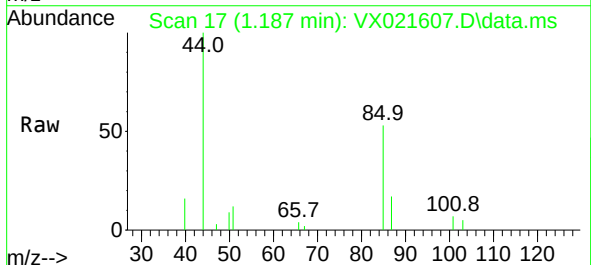


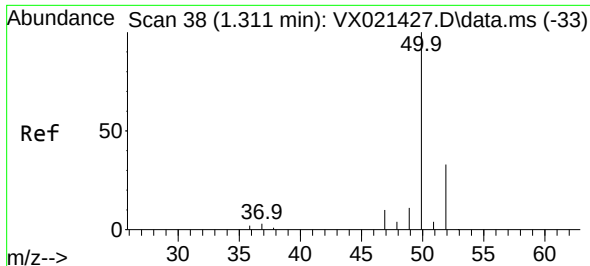
Tgt Ion:168 Resp: 59113
Ion Ratio Lower Upper
168 100
99 63.8 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 2.06 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 85 Resp: 1338
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2

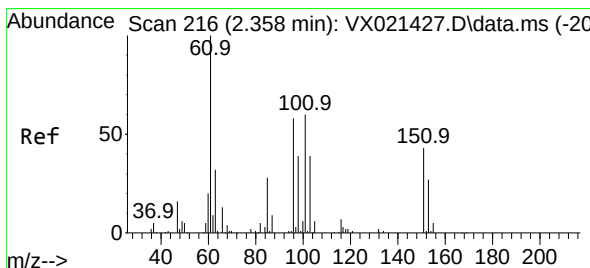
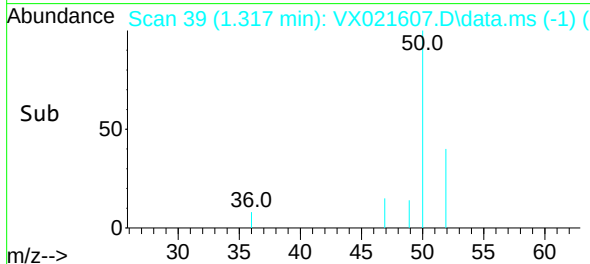
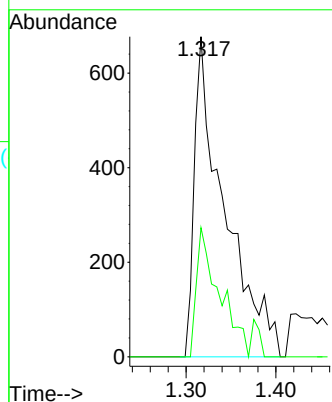
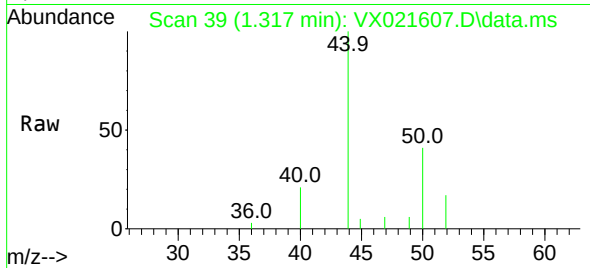




#3
Chloromethane
Concen: 2.16 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

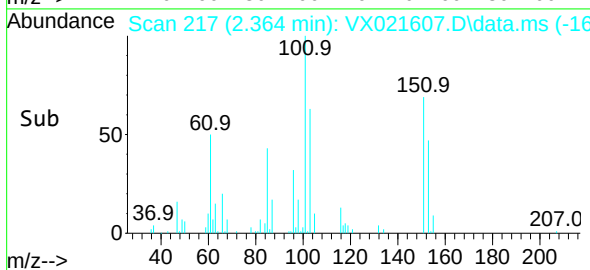
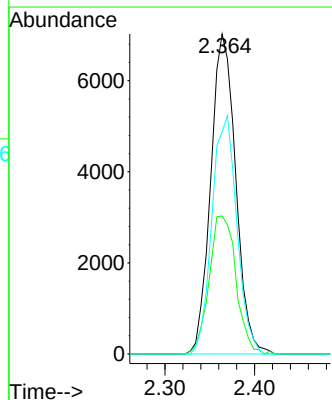
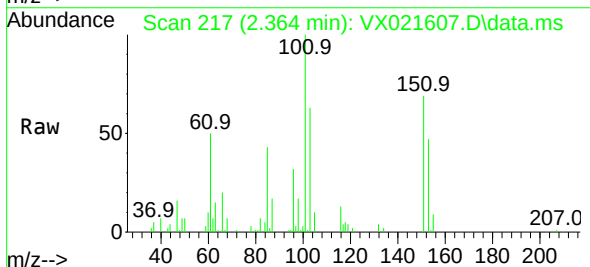
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

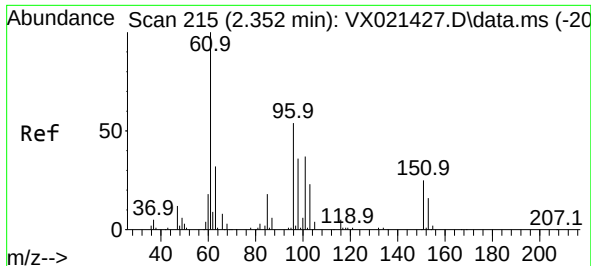
Tgt Ion: 50 Resp: 1580
Ion Ratio Lower Upper
50 100
52 40.3 26.4 39.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.33 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 101 Resp: 13584
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 74.2 61.4 92.2

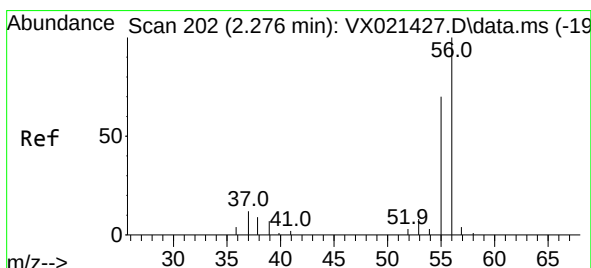
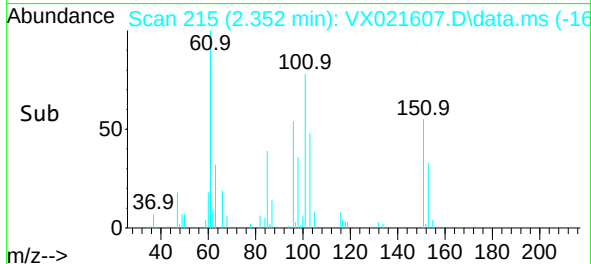
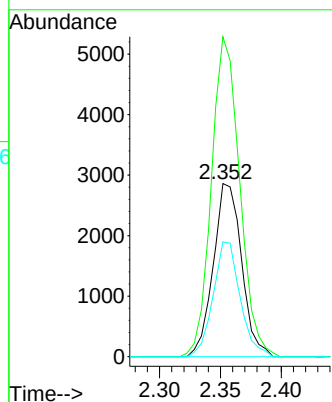
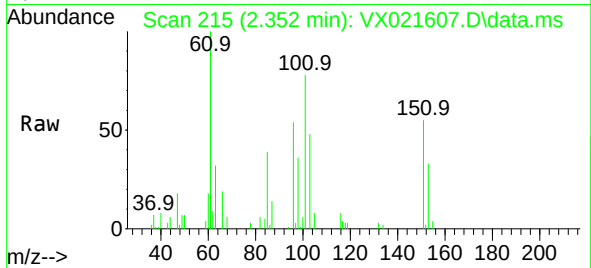




#12
1,1-Dichloroethene
Concen: 7.77 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

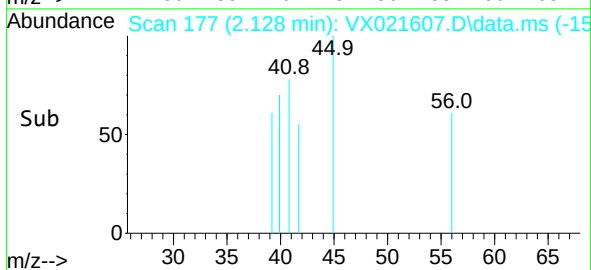
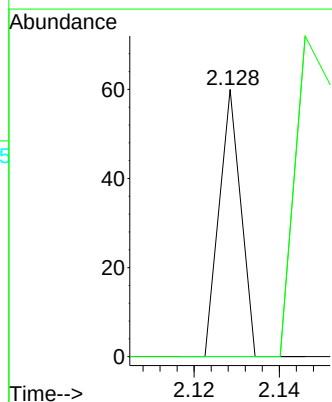
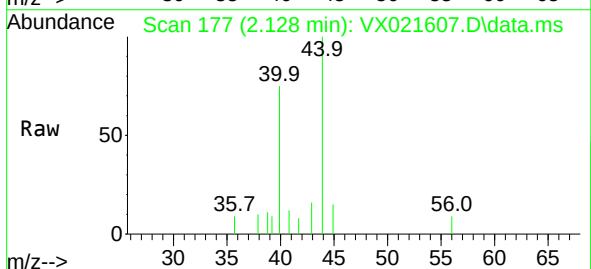
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

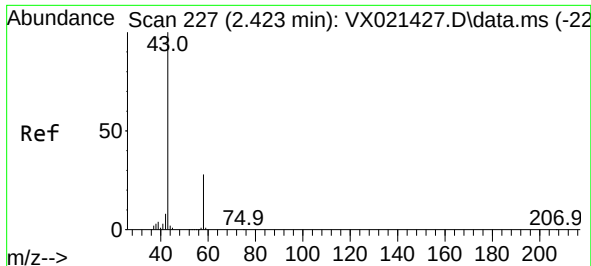
Tgt Ion: 96 Resp: 4626
Ion Ratio Lower Upper
96 100
61 184.8 124.6 187.0
98 66.3 50.6 76.0



#13
Acrolein
Concen: 4.55 ug/l
RT: 2.128 min Scan# 177
Delta R.T. -0.148 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 342.9 56.4 84.6#

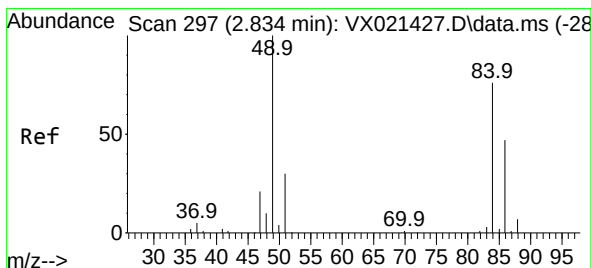
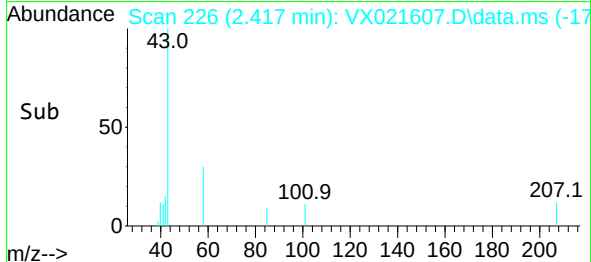
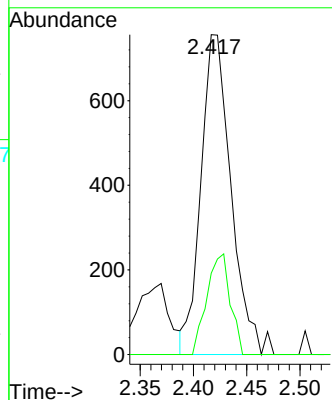
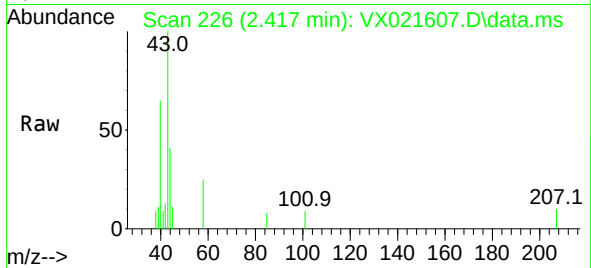




#16
Acetone
Concen: 4.02 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

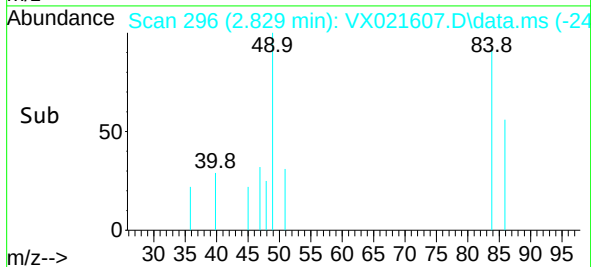
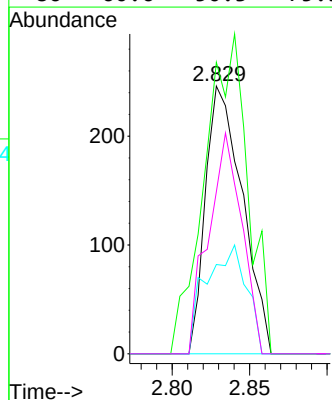
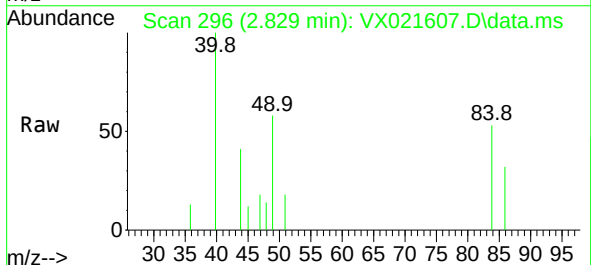
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

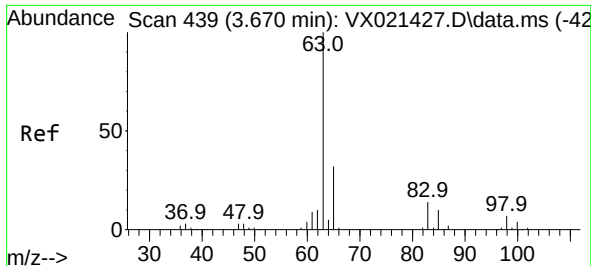
Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#



#20
Methylene Chloride
Concen: 0.56 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 84 Resp: 407
Ion Ratio Lower Upper
84 100
49 108.9 88.6 132.8
51 33.3 27.0 40.6
86 60.6 50.3 75.5

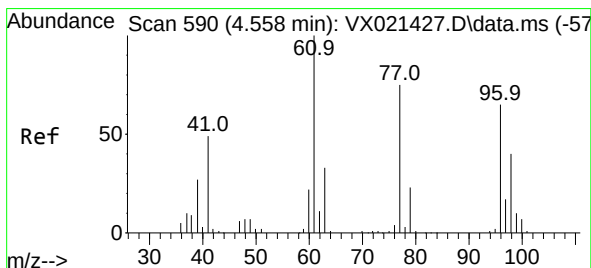
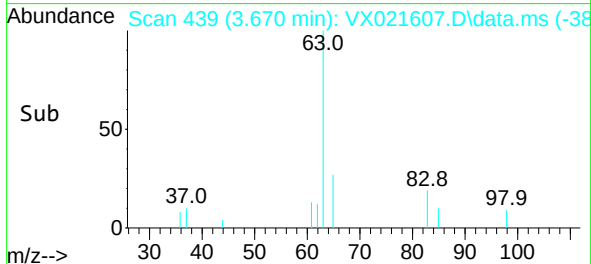
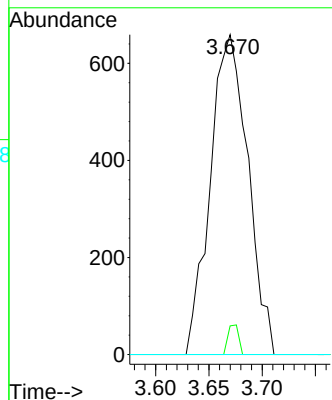
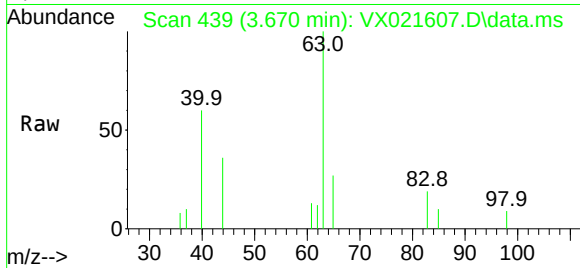




#24
1,1-Dichloroethane
Concen: 1.28 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

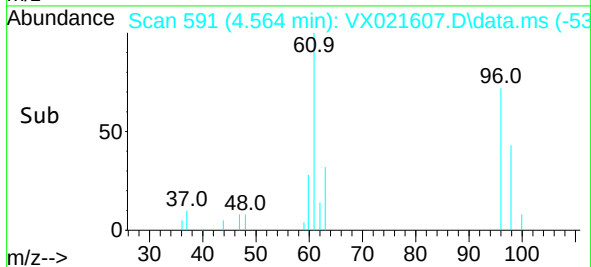
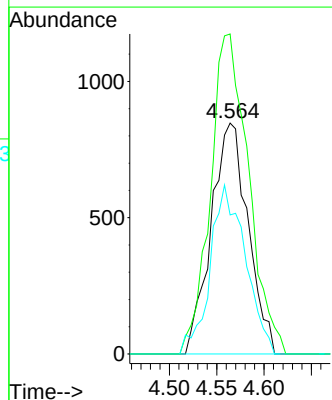
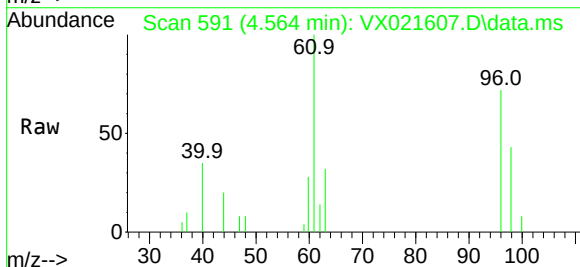
Instrument :
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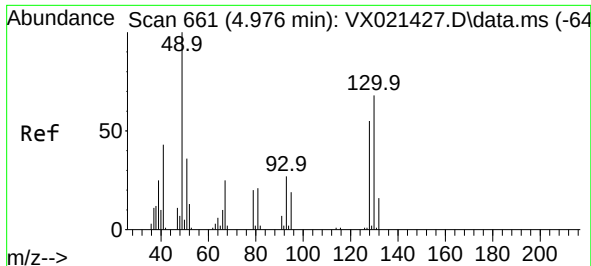
Tgt Ion: 63 Resp: 1621
Ion Ratio Lower Upper
63 100
98 9.0 3.8 11.2
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 3.03 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 96 Resp: 2299
Ion Ratio Lower Upper
96 100
61 143.0 0.0 285.6
98 69.7 0.0 129.6

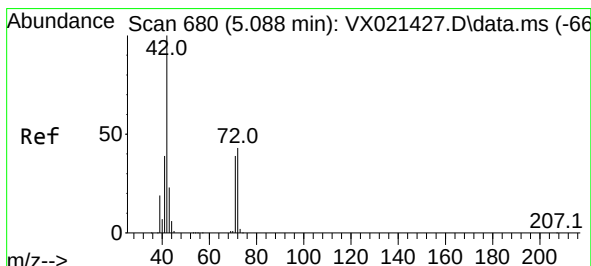
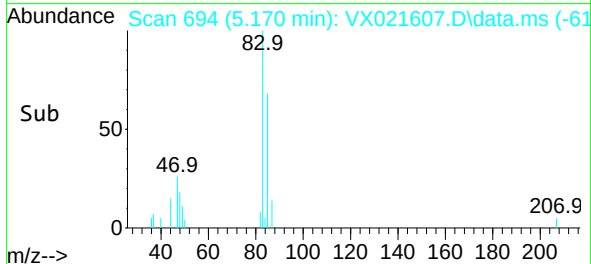
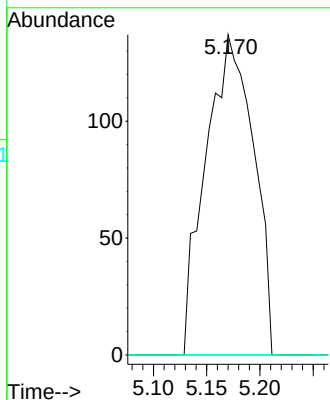
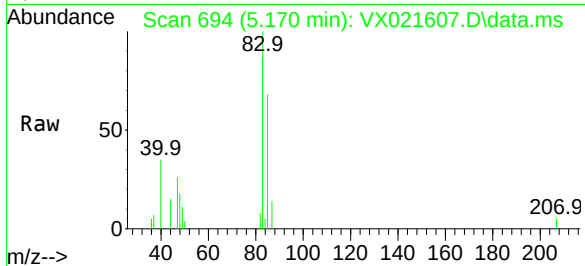




#28
Bromochloromethane
Concen: 0.67 ug/l
RT: 5.170 min Scan# 694
Delta R.T. 0.194 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

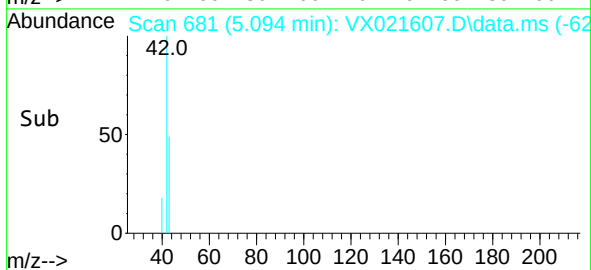
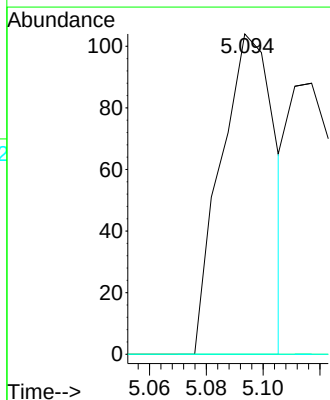
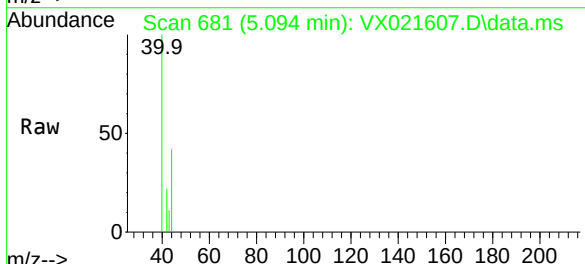
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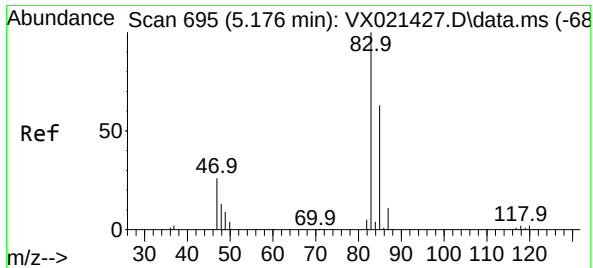
Tgt Ion: 49 Resp: 427
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 5.094 min Scan# 681
Delta R.T. 0.006 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 42 Resp: 138
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#





#30

Chloroform

Concen: 2.87 ug/l

RT: 5.182 min Scan# 696

Delta R.T. 0.006 min

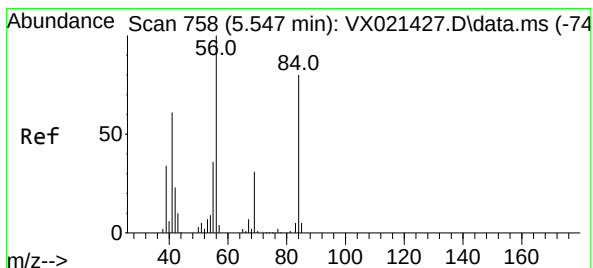
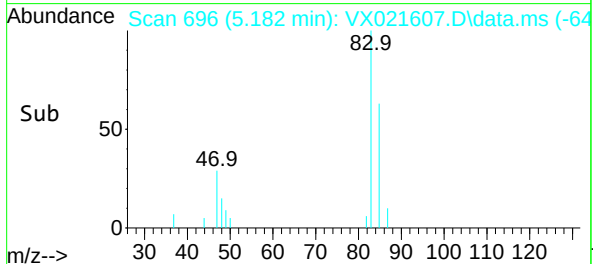
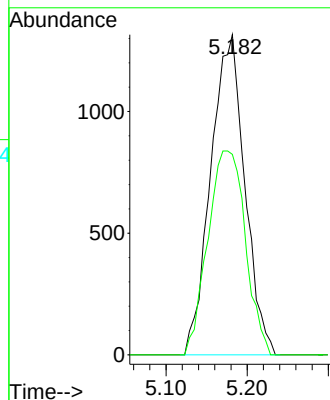
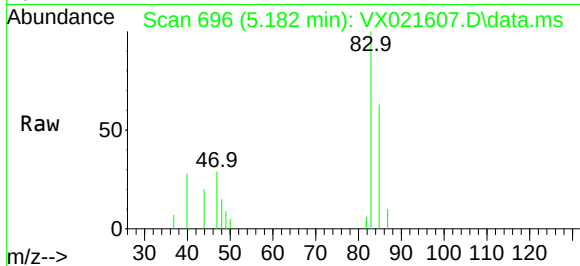
Lab File: VX021607.D

Acq: 30 Mar 2021 03:47

Tgt Ion: 83 Resp: 3832

Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.0	78.0

Instrument :
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ClientSampleId :
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#31

Cyclohexane

Concen: 1.57 ug/l

RT: 5.617 min Scan# 770

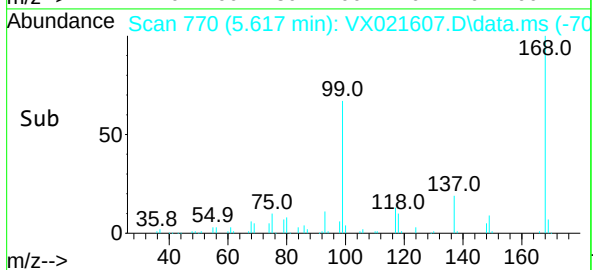
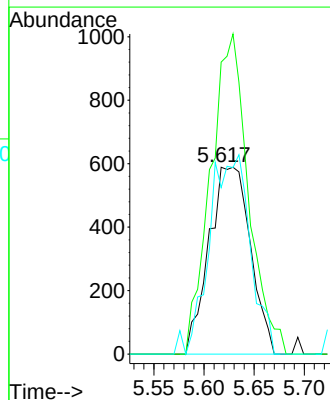
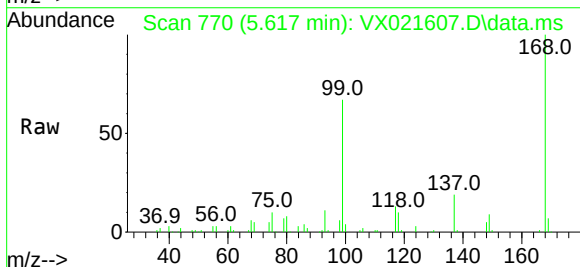
Delta R.T. 0.070 min

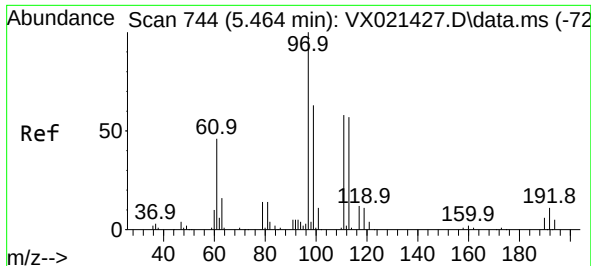
Lab File: VX021607.D

Acq: 30 Mar 2021 03:47

Tgt Ion: 56 Resp: 1696

Ion	Ratio	Lower	Upper
56	100		
69	156.2	25.3	37.9#
84	89.1	71.4	107.0

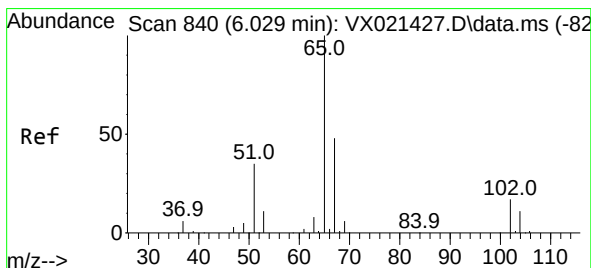
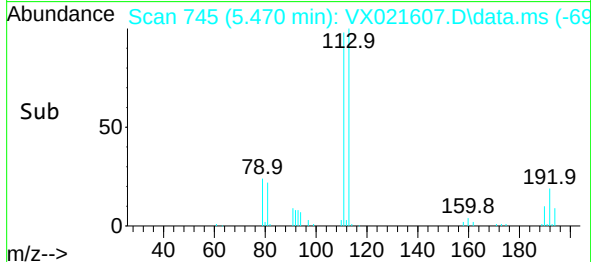
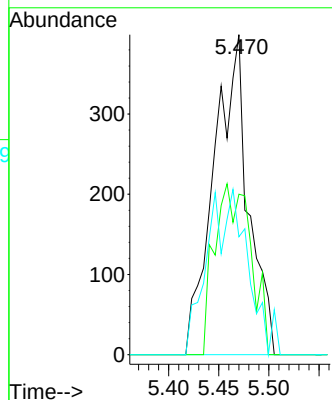
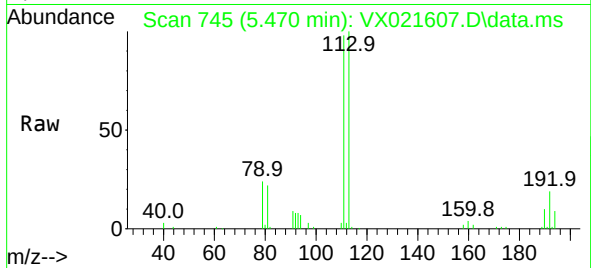




#32
1,1,1-Trichloroethane
Concen: 0.81 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

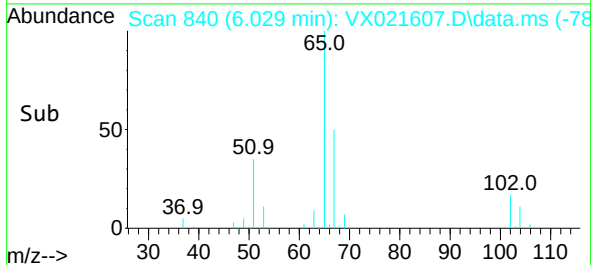
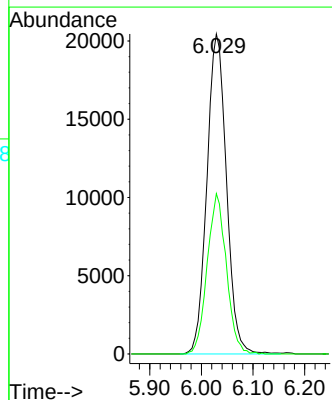
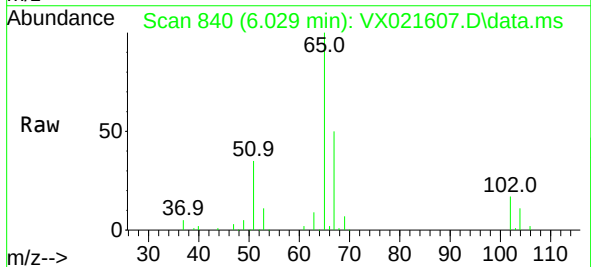
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

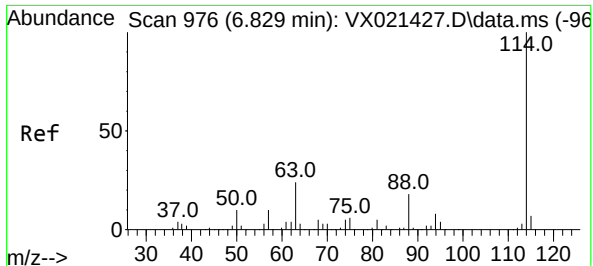
Tgt Ion: 97 Resp: 955
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 0.0 34.2 51.4#



#33
1,2-Dichloroethane-d4
Concen: 54.63 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 65 Resp: 53731
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.4

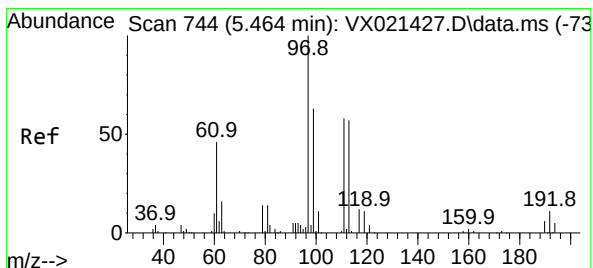
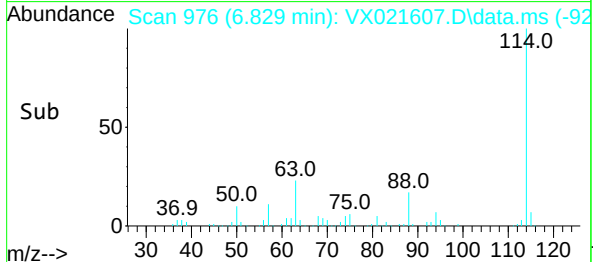
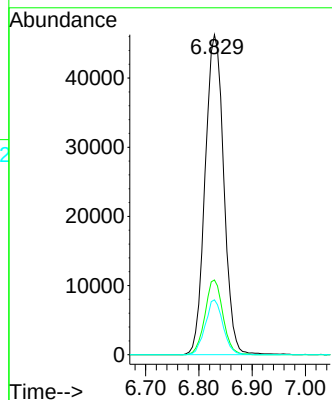
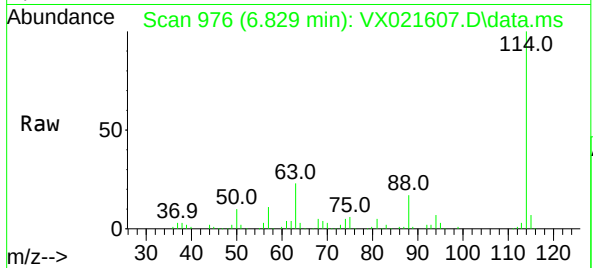




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

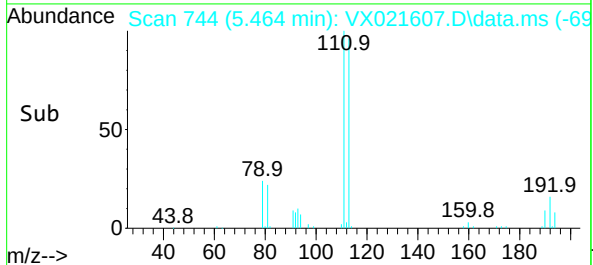
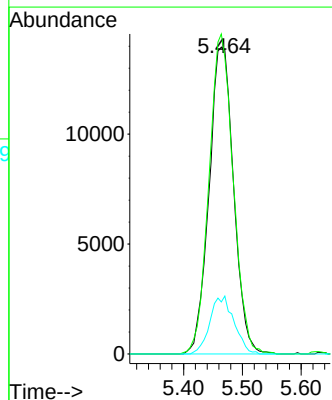
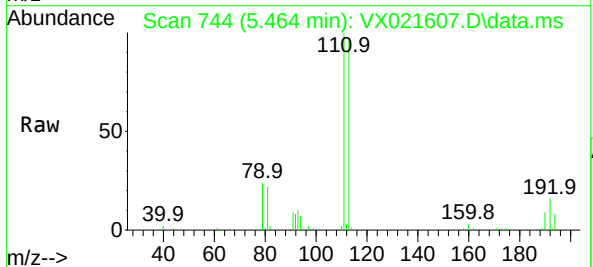
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

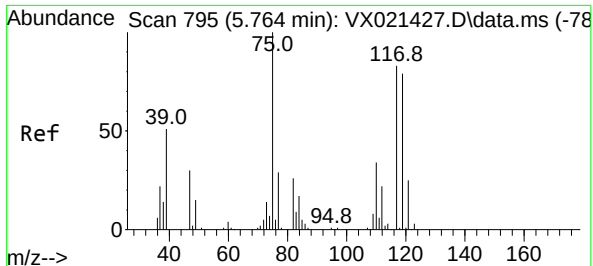
Tgt Ion:114 Resp: 112519
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.80 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion:113 Resp: 40601
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.4 16.7 25.1



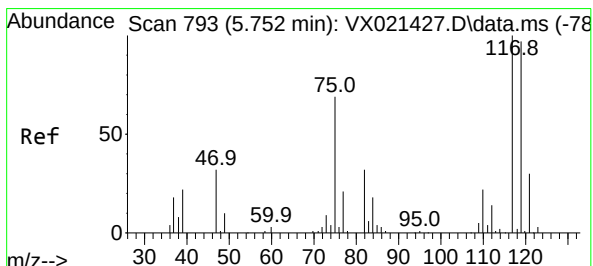
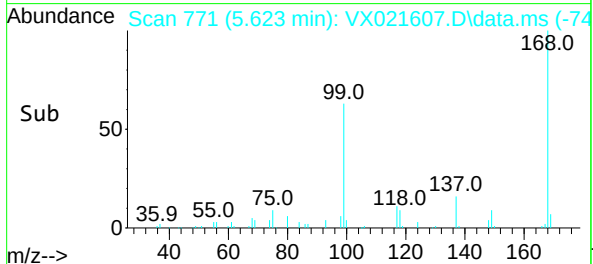
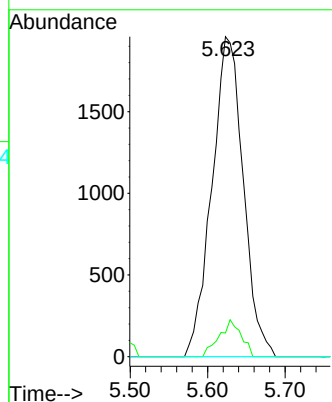
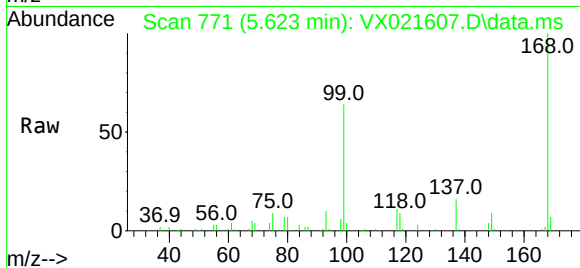


#36

1,1-Dichloropropene
Concen: 5.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

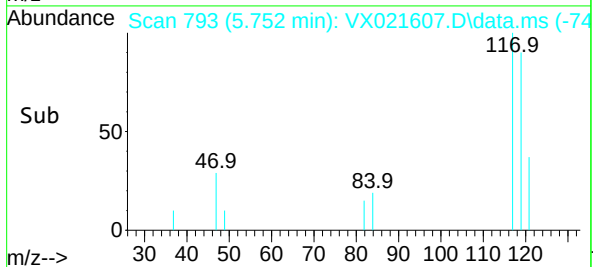
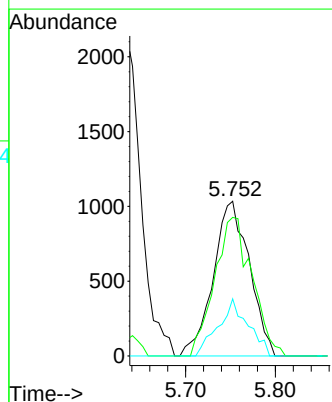
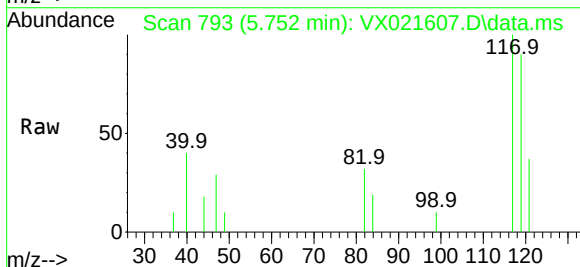
Tgt Ion: 75 Resp: 5510
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

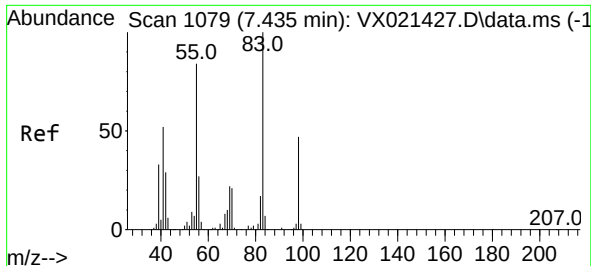


#38

Carbon Tetrachloride
Concen: 2.44 ug/l
RT: 5.752 min Scan# 793
Delta R.T. 0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 117 Resp: 2892
Ion Ratio Lower Upper
117 100
119 89.6 76.2 114.2
121 36.9 24.8 37.2





#39

Methylcyclohexane

Concen: 2.95 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.247 min

Lab File: VX021607.D

Acq: 30 Mar 2021 03:47

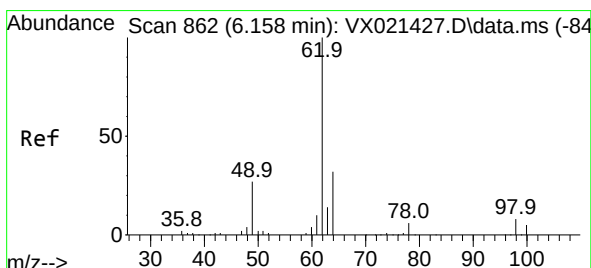
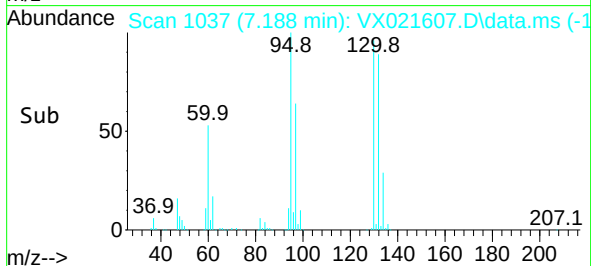
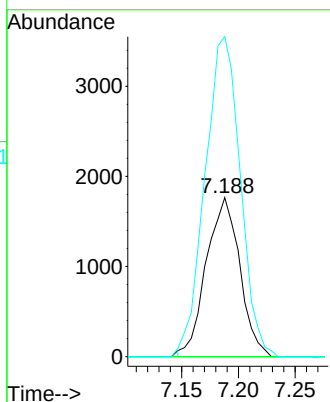
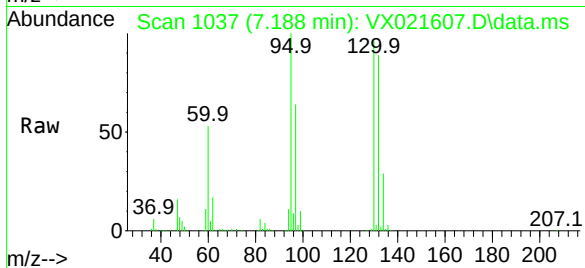
Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20210325

Tgt Ion:	83	Resp:	3608
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	201.1	38.1	57.1#



#42

1,2-Dichloroethane

Concen: 0.38 ug/l

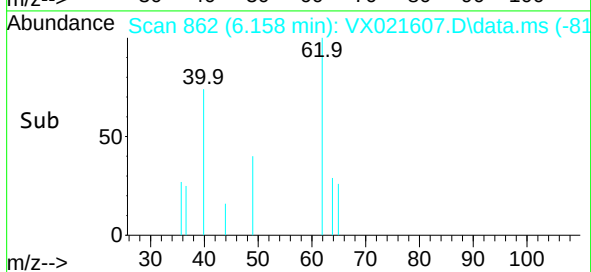
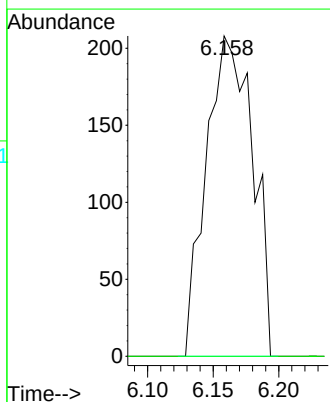
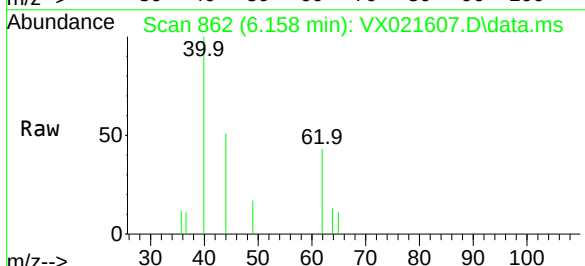
RT: 6.158 min Scan# 862

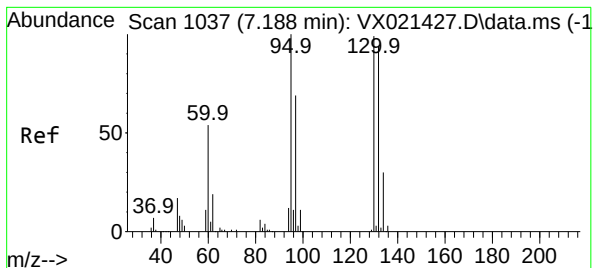
Delta R.T. 0.000 min

Lab File: VX021607.D

Acq: 30 Mar 2021 03:47

Tgt Ion:	62	Resp:	512
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2





#44

Trichloroethene

Concen: 331.32 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021607.D

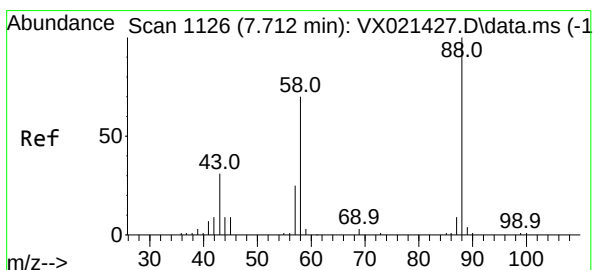
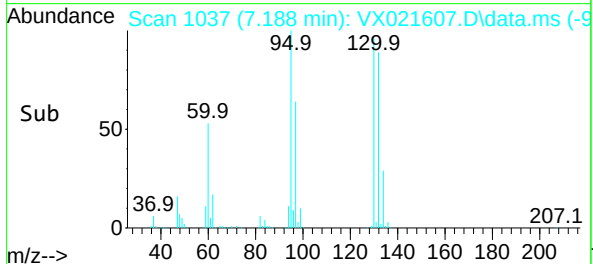
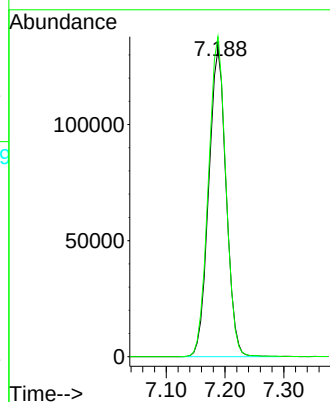
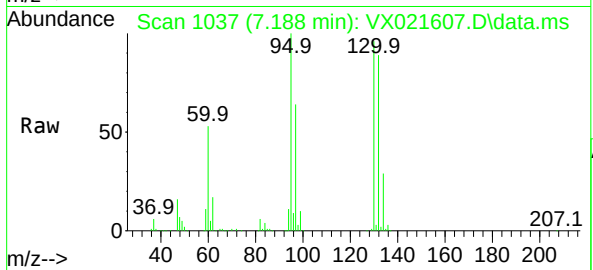
Acq: 30 Mar 2021 03:47

Tgt Ion:130 Resp: 273726

Ion Ratio Lower Upper

130 100

95 104.2 0.0 198.0



#49

1,4-Dioxane

Concen: 20.08 ug/l

RT: 7.717 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VX021607.D

Acq: 30 Mar 2021 03:47

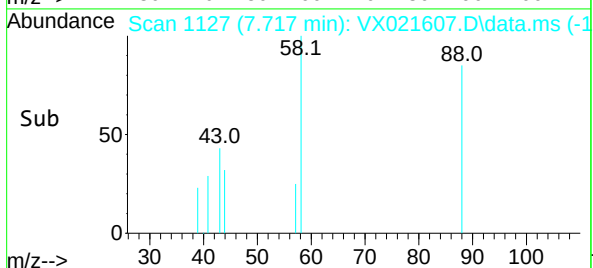
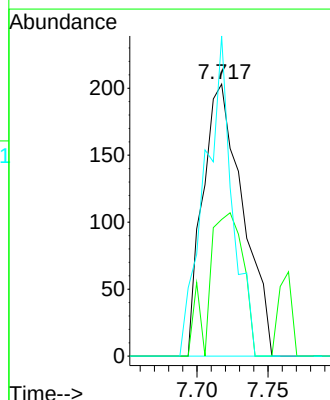
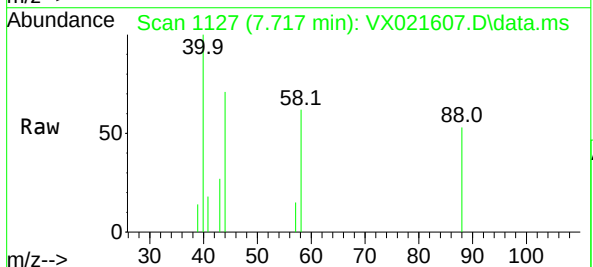
Tgt Ion: 88 Resp: 397

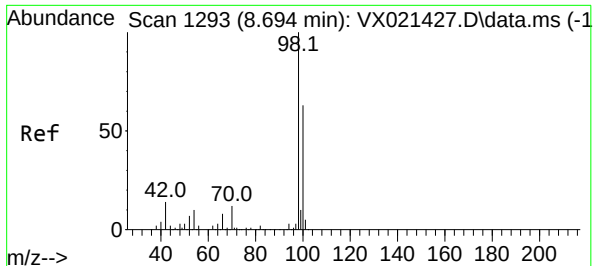
Ion Ratio Lower Upper

88 100

43 45.3 23.2 34.8#

58 81.4 55.0 82.4

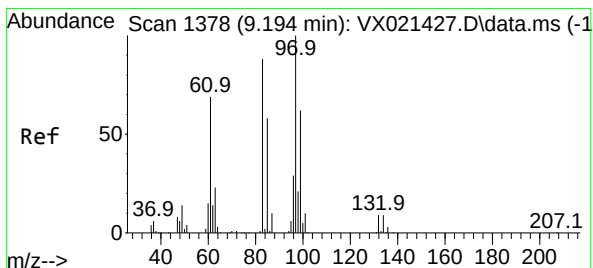
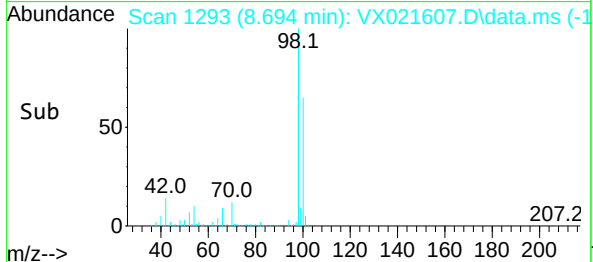
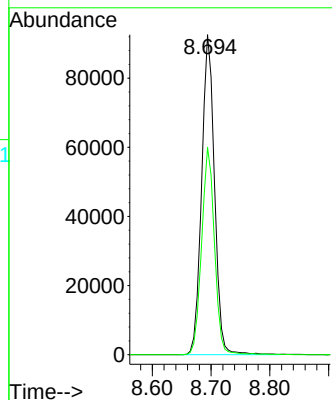
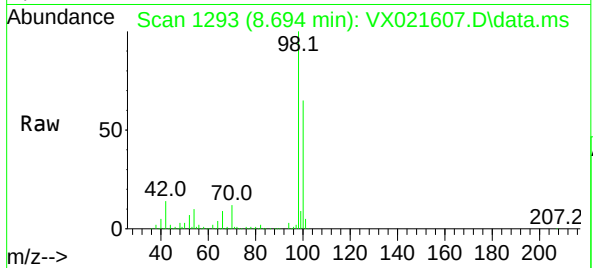




#50
Toluene-d8
Concen: 49.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

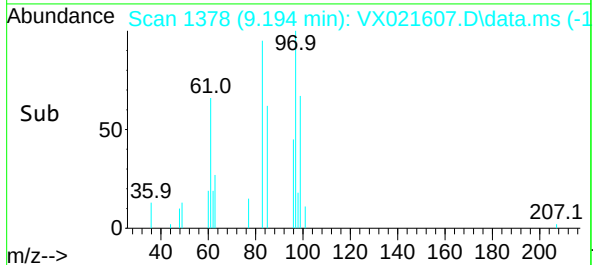
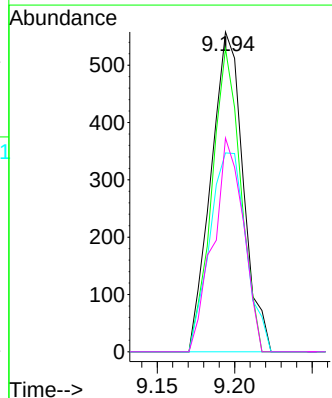
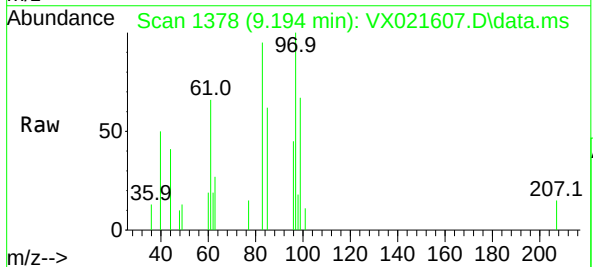
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

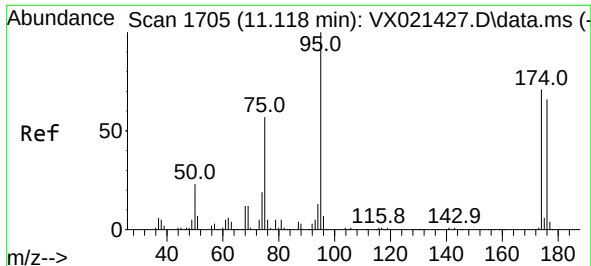
Tgt Ion: 98 Resp: 141063
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.99 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 97 Resp: 806
Ion Ratio Lower Upper
97 100
83 94.8 69.3 103.9
85 62.2 44.3 66.5
99 66.8 50.3 75.5

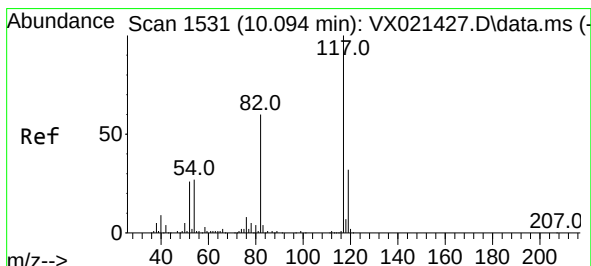
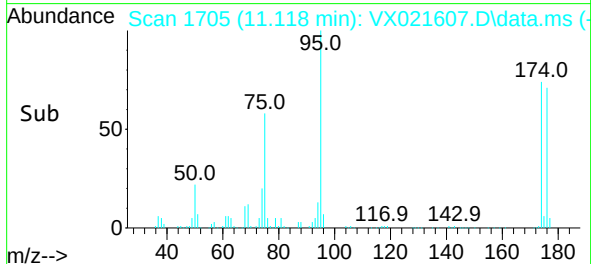
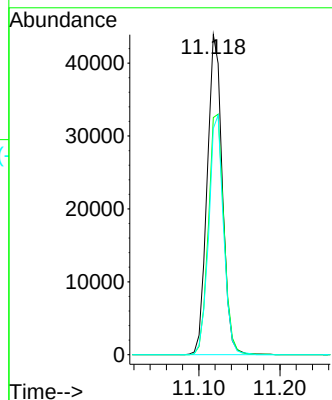
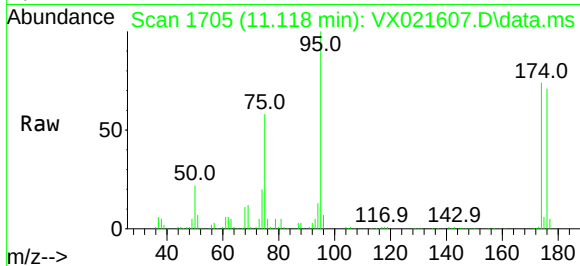




#62
4-Bromofluorobenzene
Concen: 51.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

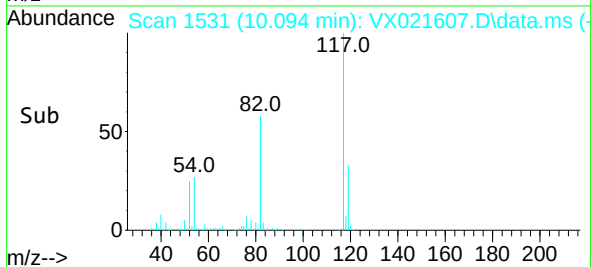
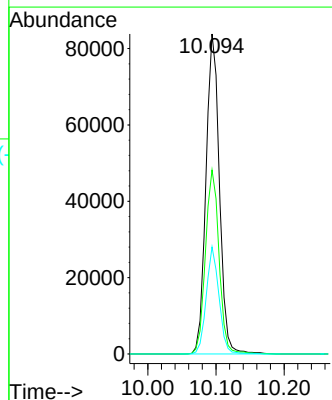
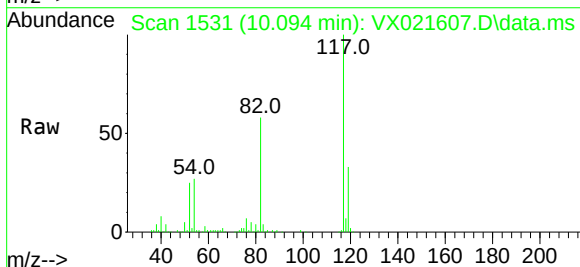
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

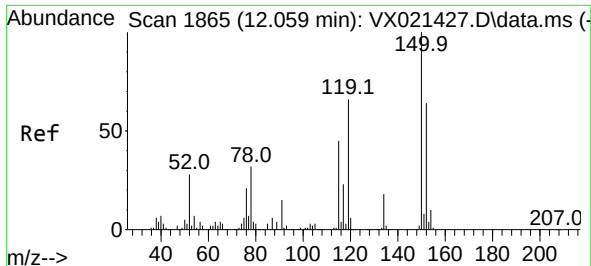
Tgt Ion: 95 Resp: 56580
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 72.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

Tgt Ion: 117 Resp: 115208
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 33.5 26.6 39.8

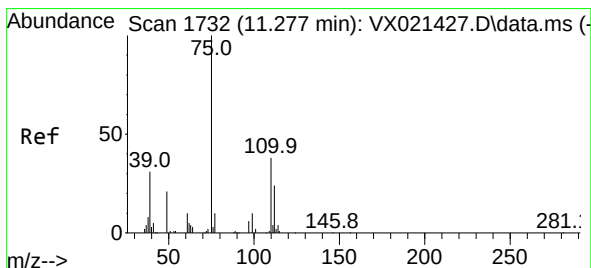
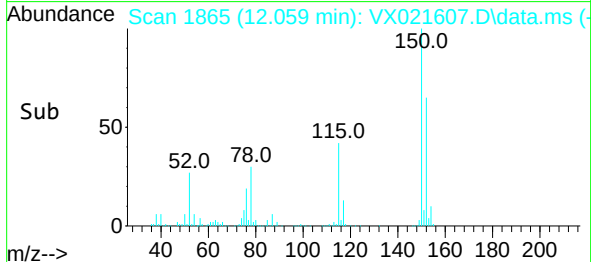
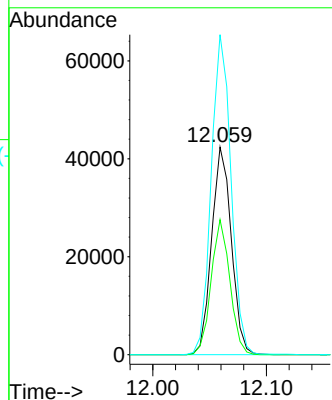
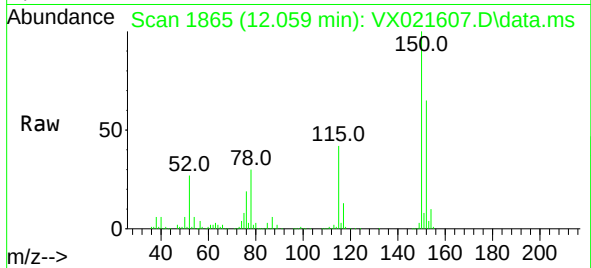




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

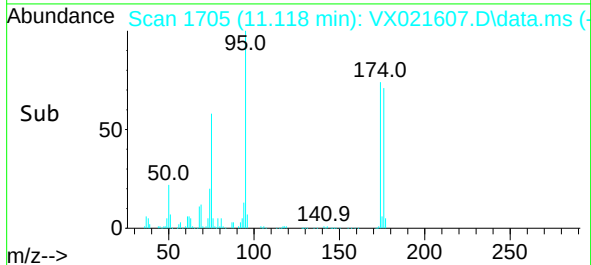
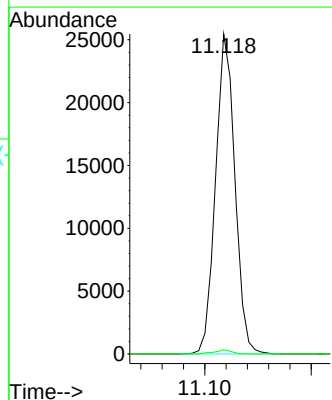
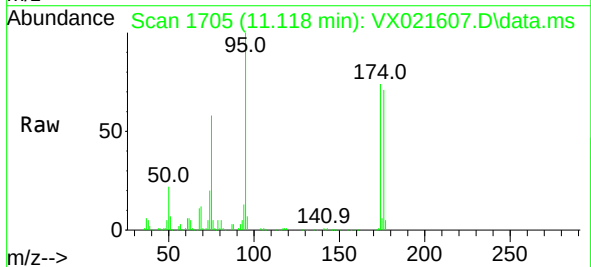
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325

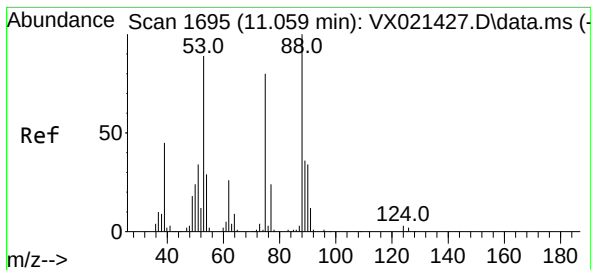
Tgt Ion:152 Resp: 51083
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 155.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.94 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021607.D
Acq: 30 Mar 2021 03:47

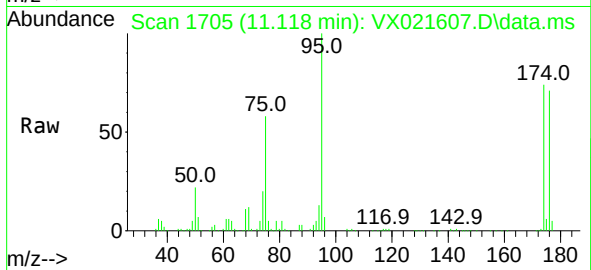
Tgt Ion: 75 Resp: 32033
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.05 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021607.D
 Acq: 30 Mar 2021 03:47

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20210325



Tgt Ion: 75 Resp: 32033
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

