

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021653.D
 Acq On : 31 Mar 2021 01:04
 Operator : JC/MD
 Sample : M1843-12DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20210325DL

Quant Time: Mar 31 06:11:34 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

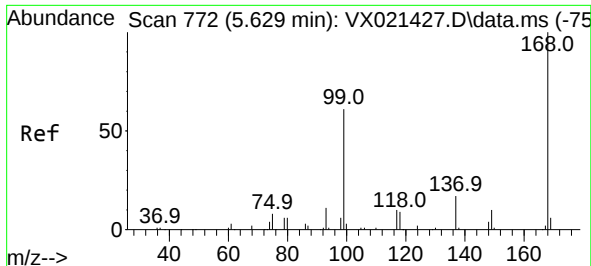
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	59170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	105681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	105548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50934	51.74	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.48%			
35) Dibromofluoromethane	5.464	113	38883	51.80	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.60%			
50) Toluene-d8	8.694	98	133947	50.07	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.14%			
62) 4-Bromofluorobenzene	11.118	95	49972	48.05	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.10%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	285	0.44	ug/l	83
3) Chloromethane	1.317	50	1471	2.01	ug/l	99
5) Bromomethane	1.634	94	105	0.39	ug/l #	62
9) 1,1,2-Trichlorotrifluo...	2.364	101	2585	4.24	ug/l	96
11) Tert butyl alcohol	2.999	59	47	0.29	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	628	1.05	ug/l #	88
13) Acrolein	2.087	56	18	4.51	ug/l #	57
16) Acetone	2.417	43	710	1.91	ug/l	89
18) Methyl Acetate	2.746	43	266	0.25	ug/l #	47
20) Methylene Chloride	2.829	84	293	0.40	ug/l #	76
24) 1,1-Dichloroethane	3.670	63	369	0.29	ug/l #	81
27) cis-1,2-Dichloroethene	4.564	96	514	0.68	ug/l	90
29) Tetrahydrofuran	5.117	42	150	0.41	ug/l #	27
30) Chloroform	5.164	83	866	0.65	ug/l	93
31) Cyclohexane	5.629	56	1507	1.39	ug/l #	28
36) 1,1-Dichloropropene	5.629	75	5386	5.20	ug/l #	48
38) Carbon Tetrachloride	5.747	117	616	0.55	ug/l	89
39) Methylcyclohexane	7.182	83	786	0.68	ug/l #	1
44) Trichloroethene	7.188	130	54532	70.28	ug/l	95
49) 1,4-Dioxane	7.712	88	36	1.94	ug/l #	24
51) 4-Methyl-2-Pentanone	8.694	43	690	0.58	ug/l #	1
55) 1,1,2-Trichloroethane	9.200	97	161	0.21	ug/l #	56
76) 1,2,3-Trichloropropane	11.118	75	27837	27.71	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	27837	84.41	ug/l #	12

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

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Quant Title : SW846 8260
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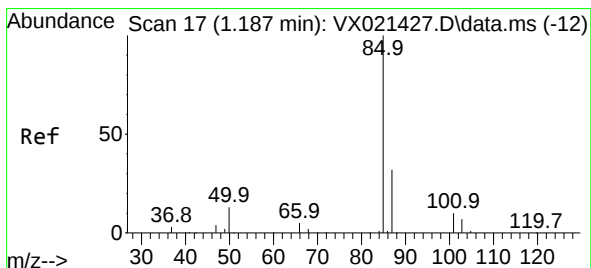
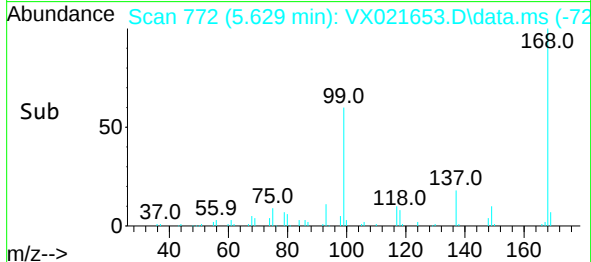
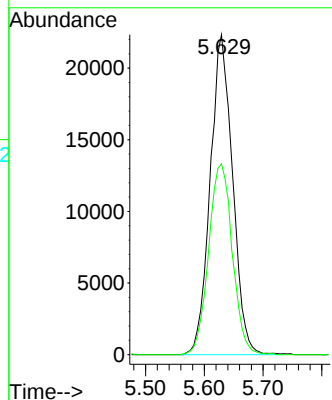
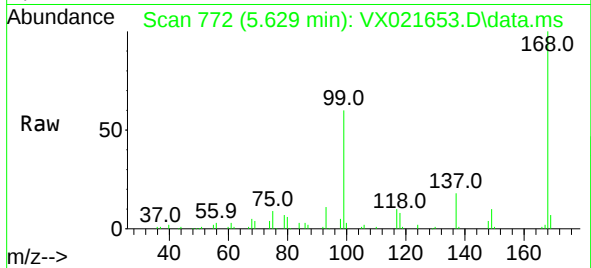




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

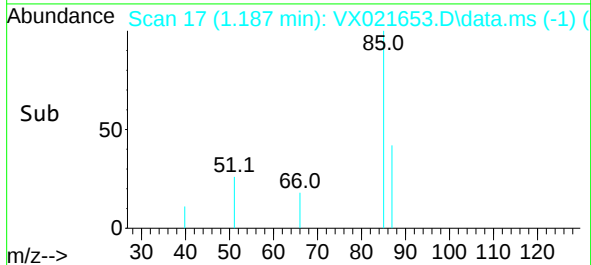
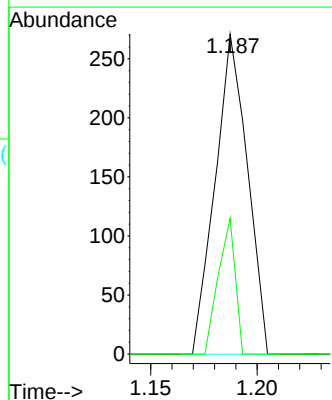
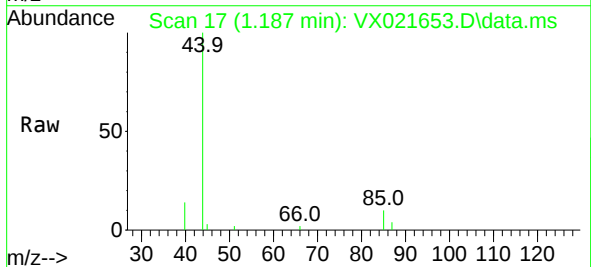
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MSVOA_X
ClientSampleId :
RE115D1-20210325DL

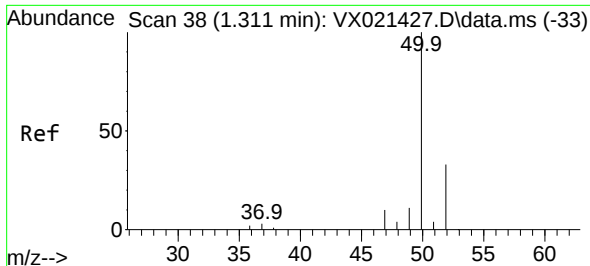
Tgt Ion:168 Resp: 59170
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.44 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion: 85 Resp: 285
Ion Ratio Lower Upper
85 100
87 42.4 16.4 49.2

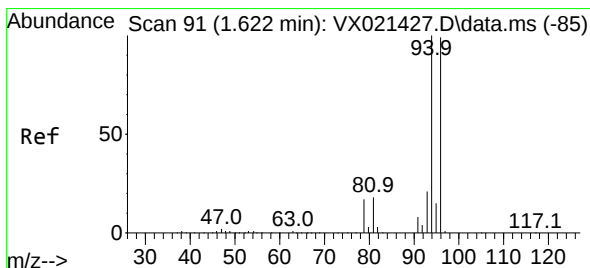
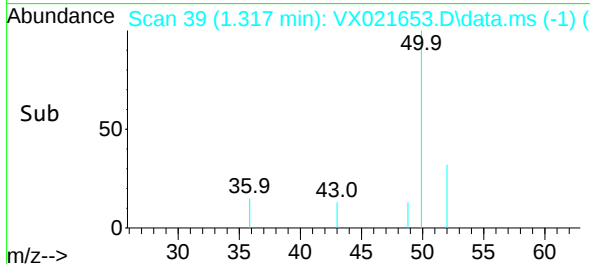
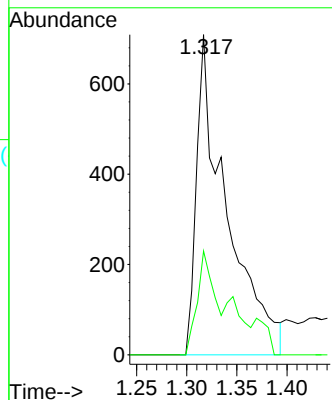
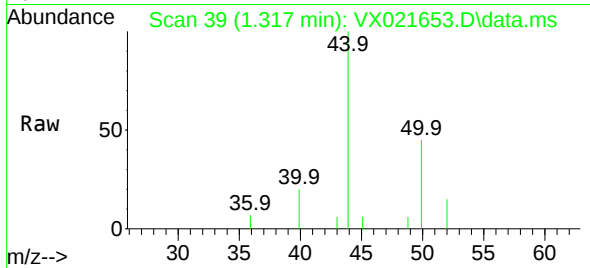




#3
Chloromethane
Concen: 2.01 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

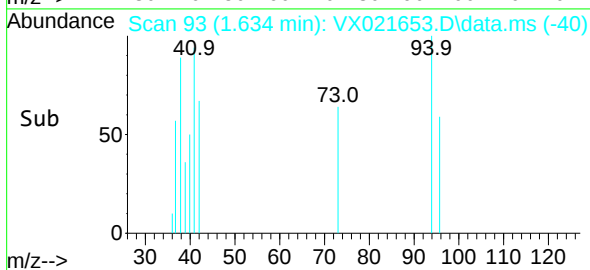
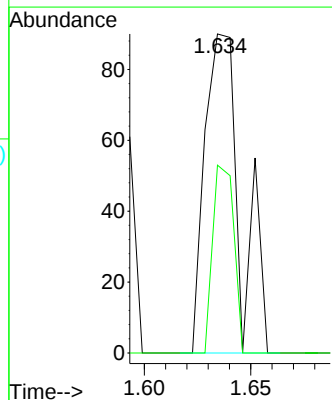
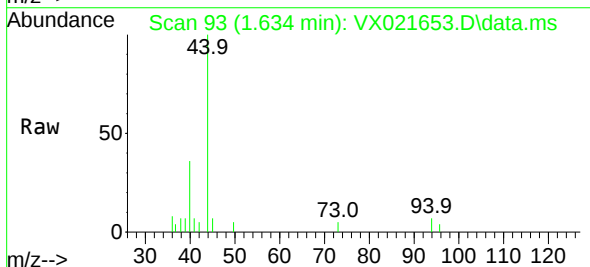
Instrument :
MSVOA_X
ClientSampleId :
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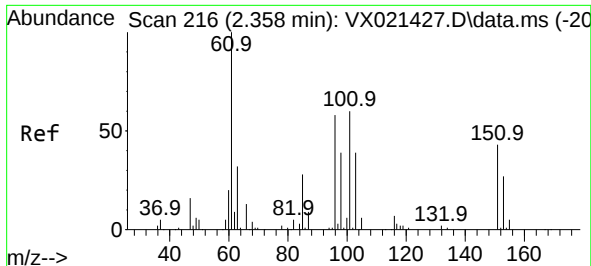
Tgt Ion: 50 Resp: 1471
Ion Ratio Lower Upper
50 100
52 32.4 26.4 39.6



#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 58.9 76.4 114.6#

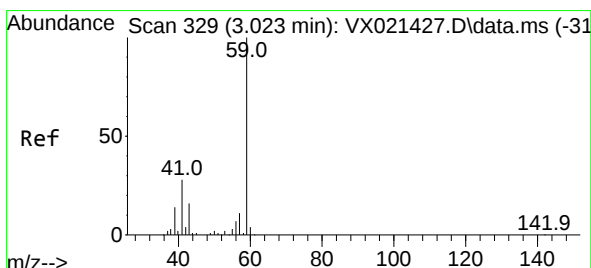
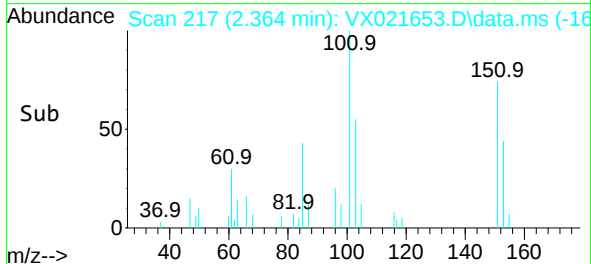
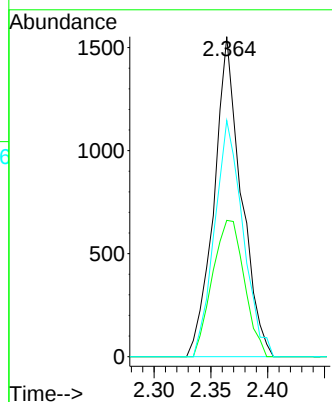
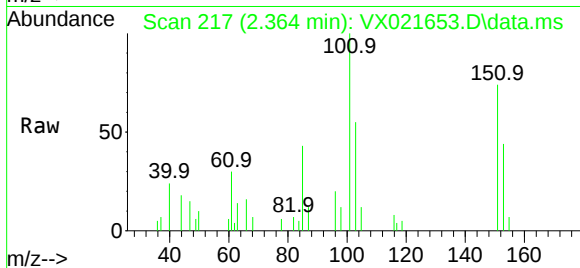




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.24 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

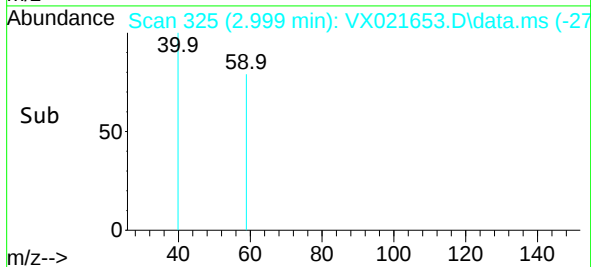
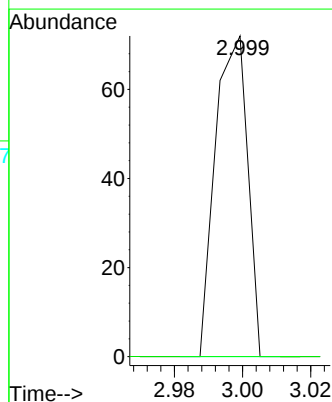
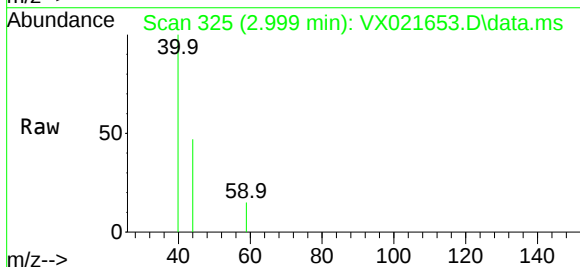
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325DL

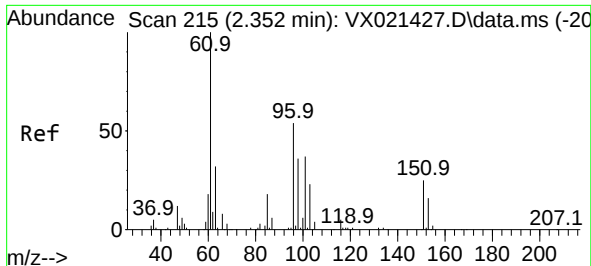
Tgt Ion:101 Resp: 2585
Ion Ratio Lower Upper
101 100
85 49.9 34.9 52.3
151 77.1 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.29 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

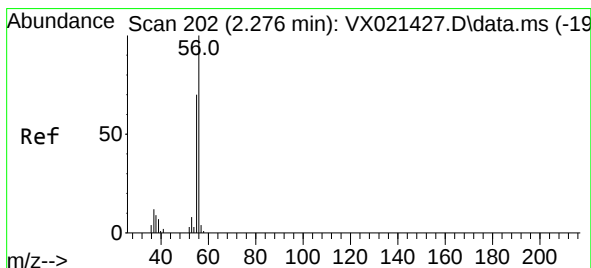
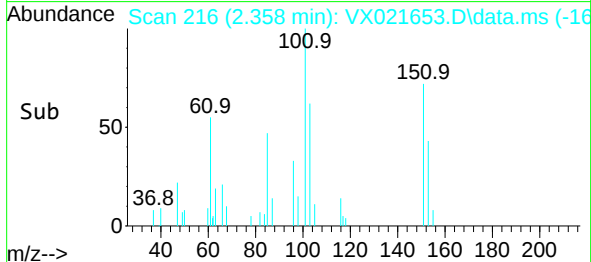
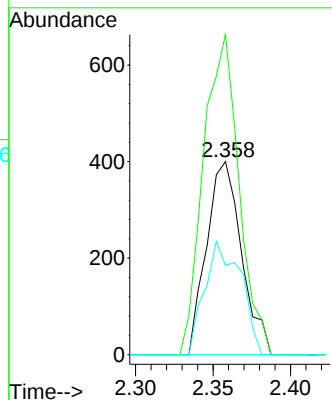
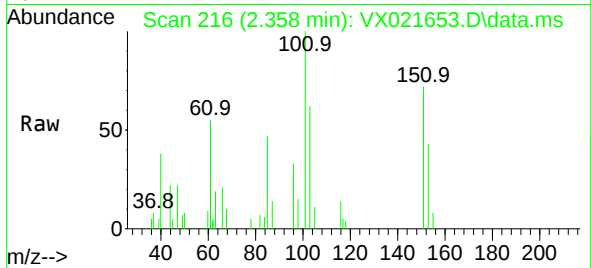




#12
1,1-Dichloroethene
Concen: 1.05 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

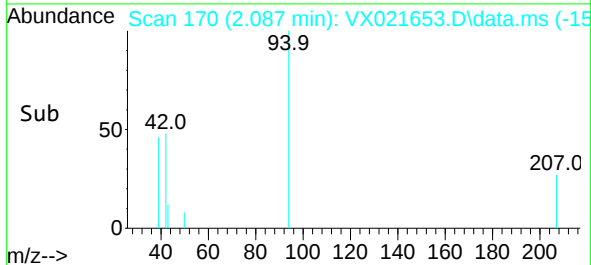
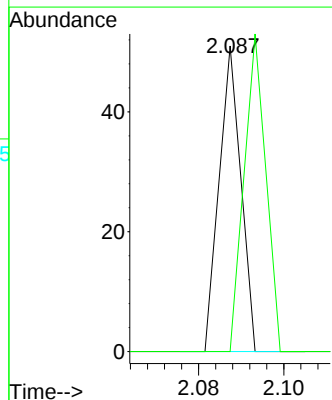
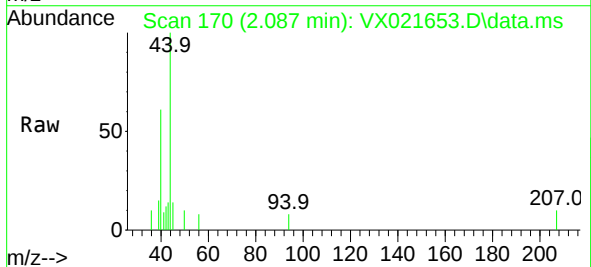
Instrument :
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ClientSampleId :
RE115D1-20210325DL

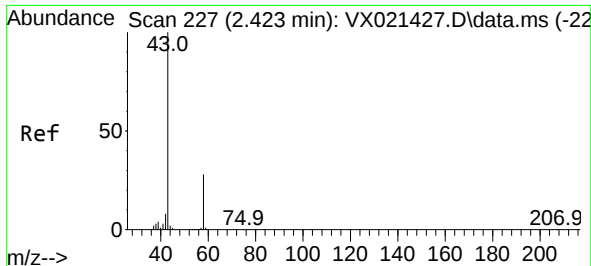
Tgt Ion: 96 Resp: 628
Ion Ratio Lower Upper
96 100
61 165.8 124.6 187.0
98 46.3 50.6 76.0#



#13
Acrolein
Concen: 4.51 ug/l
RT: 2.087 min Scan# 170
Delta R.T. -0.189 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 105.6 56.4 84.6#

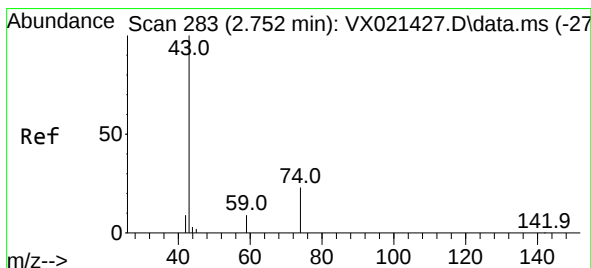
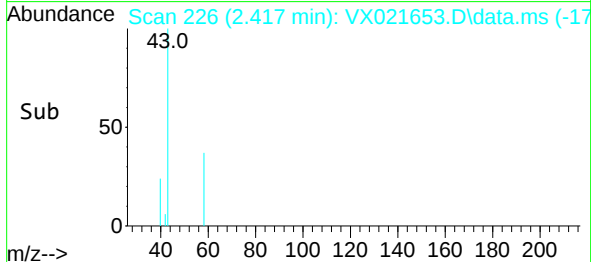
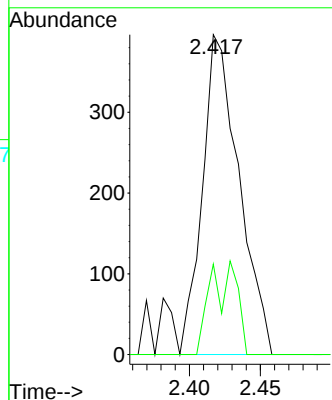
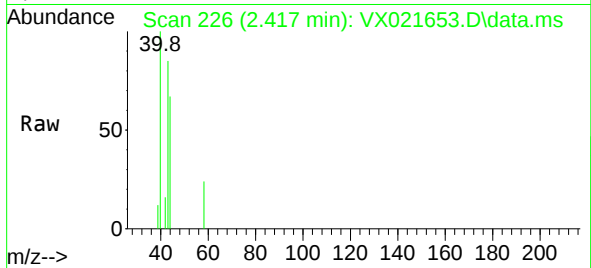




#16
Acetone
Concen: 1.91 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

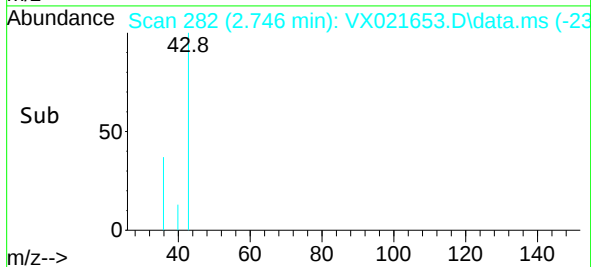
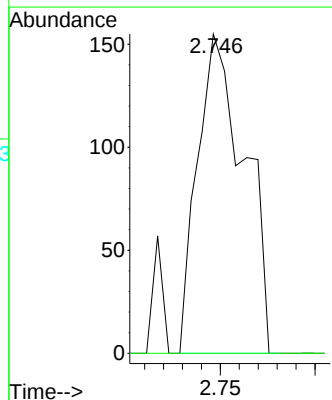
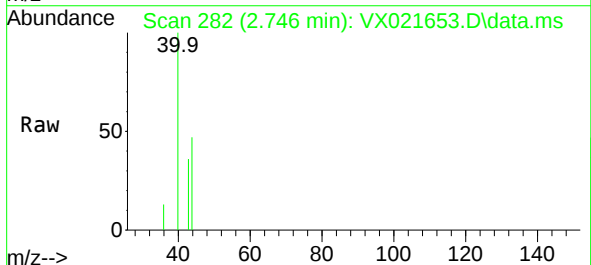
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ClientSampleId :
RE115D1-20210325DL

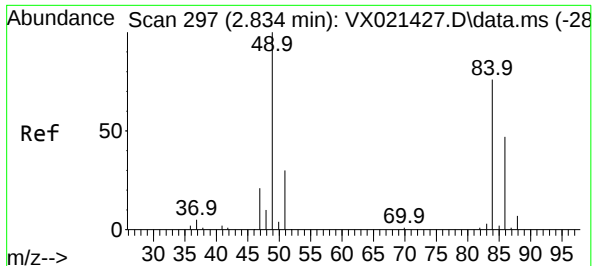
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 28.3 27.8 41.8



#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.40 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021653.D

Acq: 31 Mar 2021 01:04

Tgt Ion: 84 Resp: 293

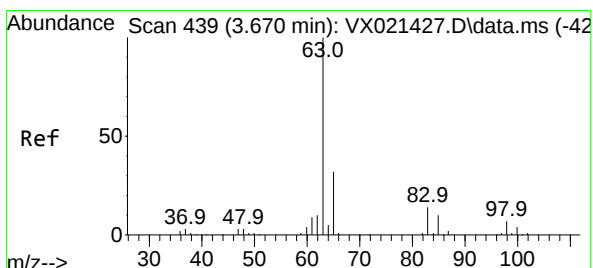
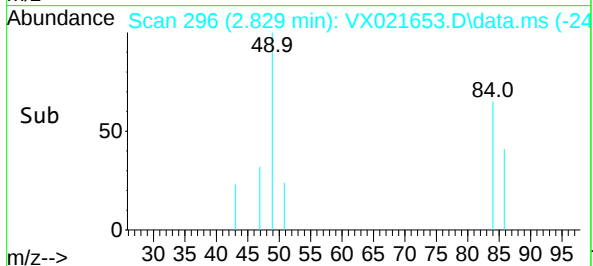
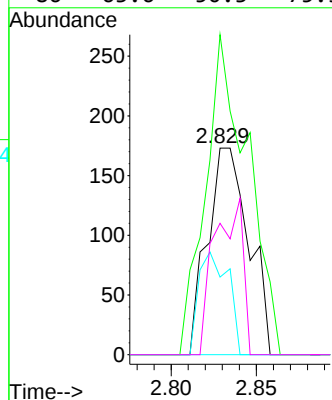
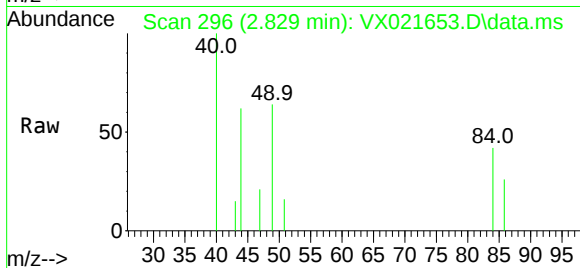
Ion Ratio Lower Upper

84 100

49 154.9 88.6 132.8#

51 37.6 27.0 40.6

86 63.6 50.3 75.5



#24

1,1-Dichloroethane

Concen: 0.29 ug/l

RT: 3.670 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX021653.D

Acq: 31 Mar 2021 01:04

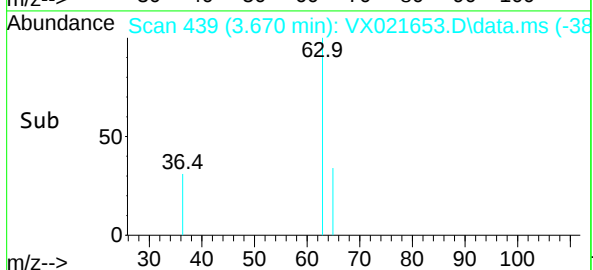
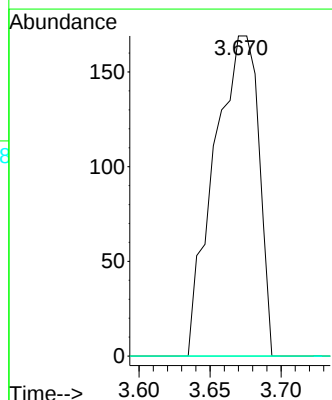
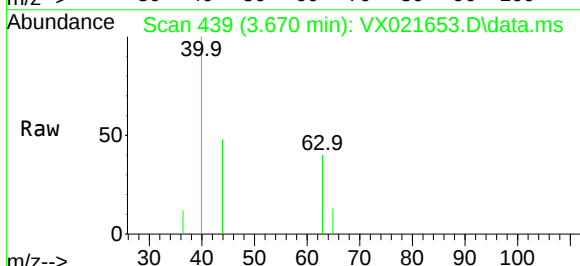
Tgt Ion: 63 Resp: 369

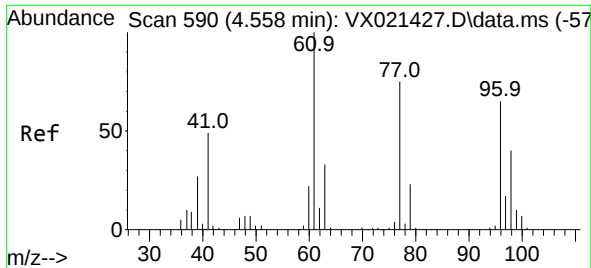
Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.5 7.5#

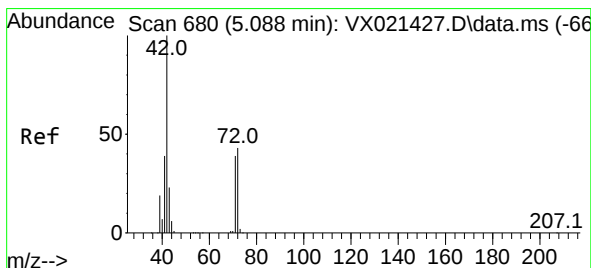
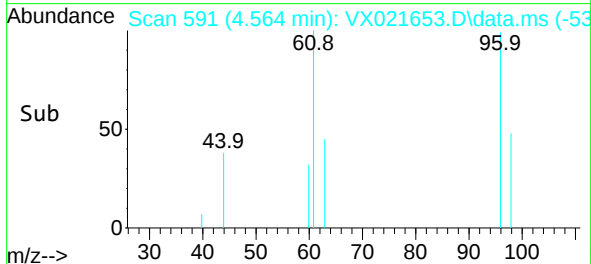
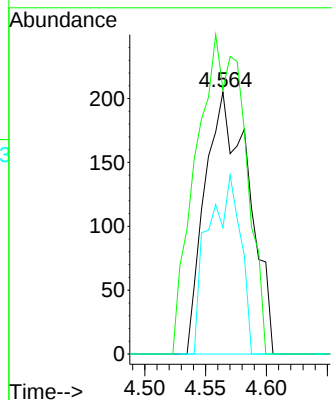
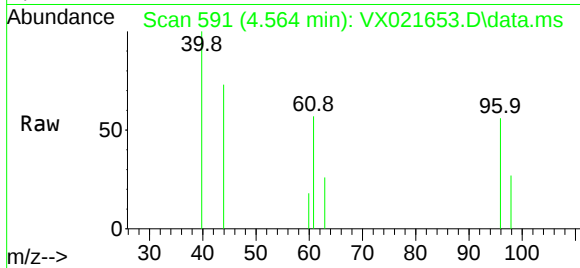




#27
 cis-1,2-Dichloroethene
 Concen: 0.68 ug/l
 RT: 4.564 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: VX021653.D
 Acq: 31 Mar 2021 01:04

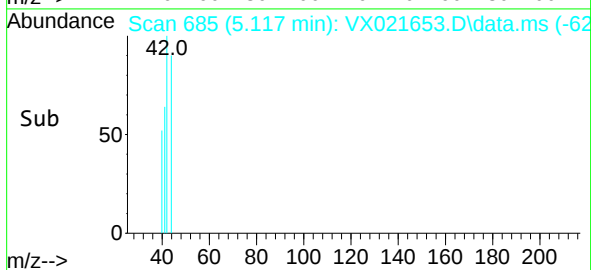
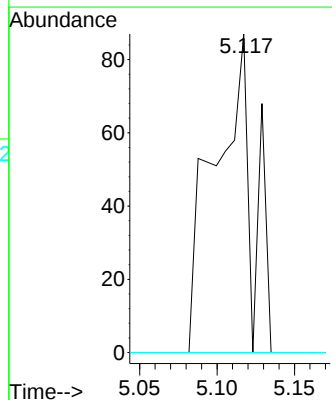
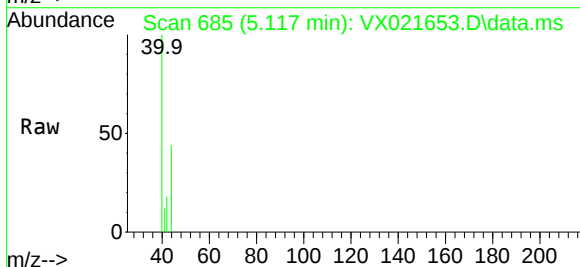
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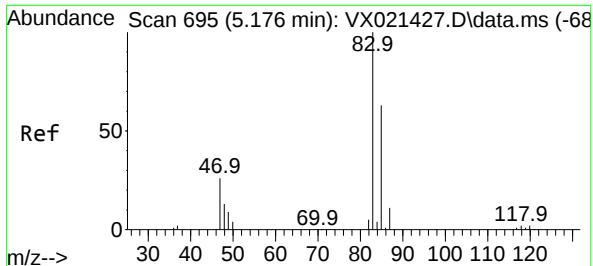
Tgt Ion:	96	Resp:	514
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	285.6
98	50.2	0.0	129.6



#29
 Tetrahydrofuran
 Concen: 0.41 ug/l
 RT: 5.117 min Scan# 685
 Delta R.T. 0.029 min
 Lab File: VX021653.D
 Acq: 31 Mar 2021 01:04

Tgt Ion:	42	Resp:	150
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

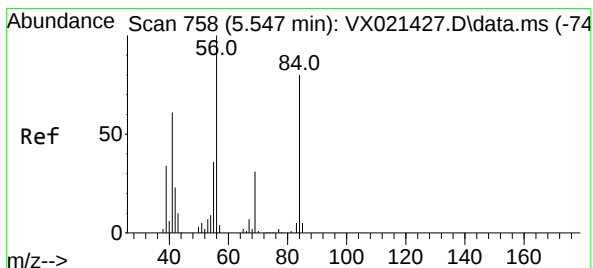
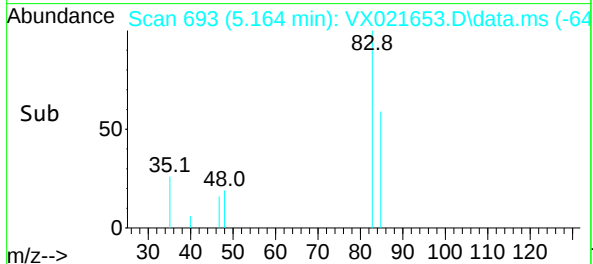
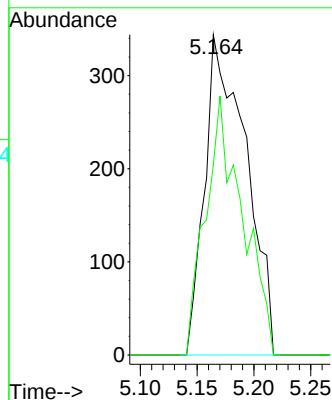
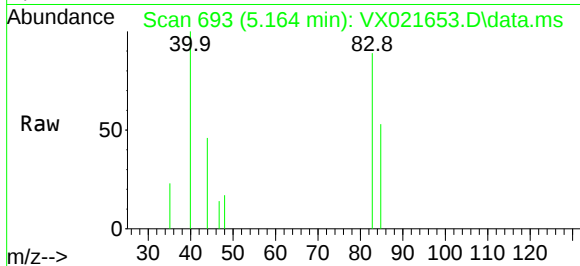




#30
Chloroform
Concen: 0.65 ug/l
RT: 5.164 min Scan# 693
Delta R.T. -0.012 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

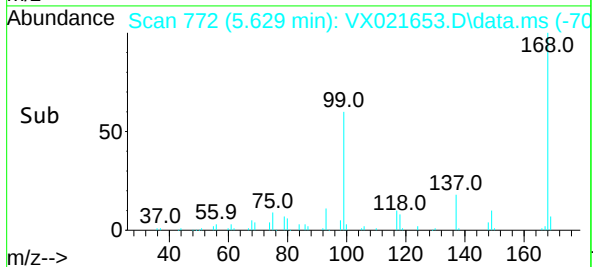
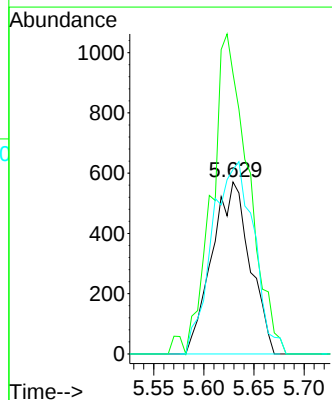
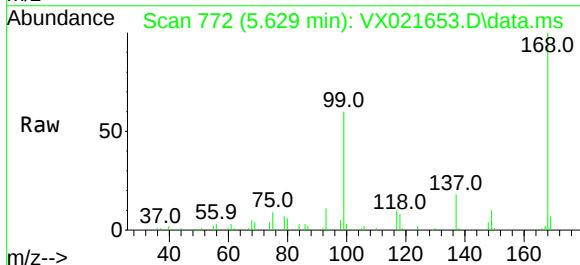
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325DL

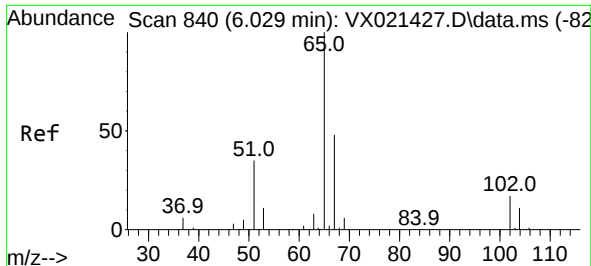
Tgt Ion: 83 Resp: 866
Ion Ratio Lower Upper
83 100
85 59.3 52.0 78.0



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion: 56 Resp: 1507
Ion Ratio Lower Upper
56 100
69 153.9 25.3 37.9#
84 107.2 71.4 107.0#

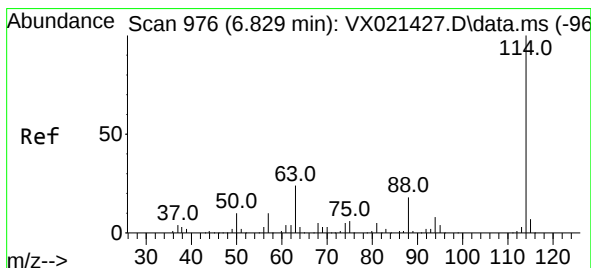
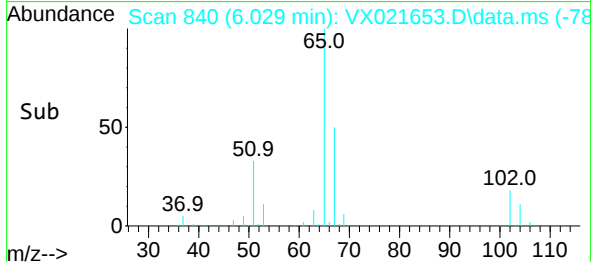
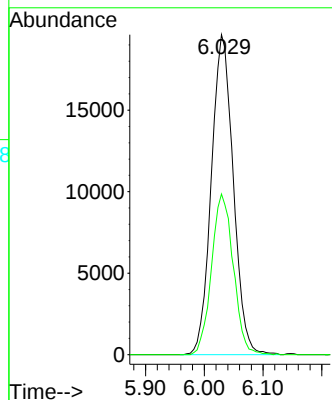
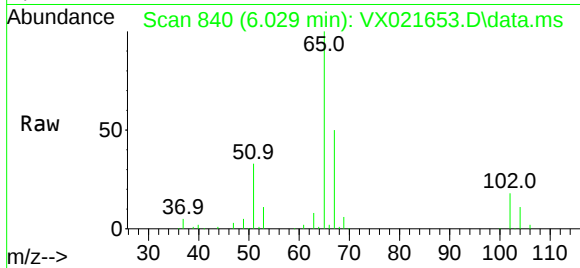




#33
 1,2-Dichloroethane-d4
 Concen: 51.74 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021653.D
 Acq: 31 Mar 2021 01:04

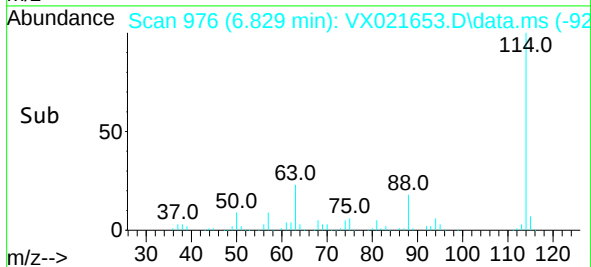
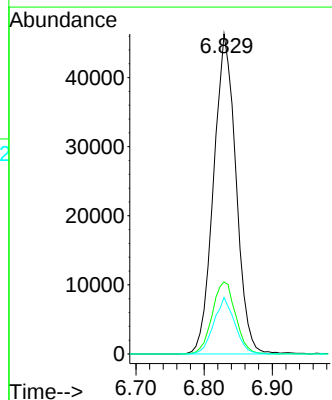
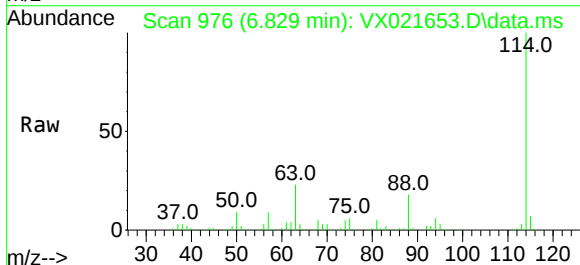
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20210325DL

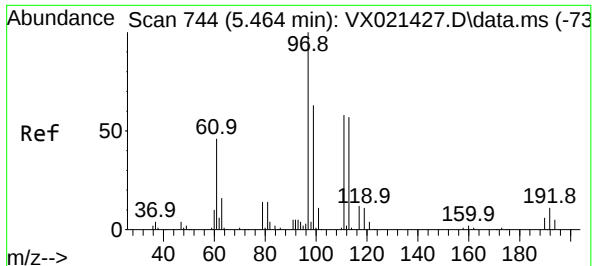
Tgt Ion: 65 Resp: 50934
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021653.D
 Acq: 31 Mar 2021 01:04

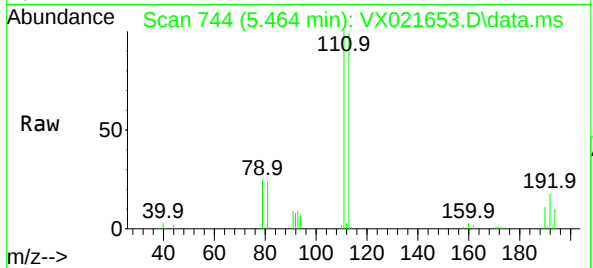
Tgt Ion: 114 Resp: 105681
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 40.8
 88 17.7 0.0 32.8



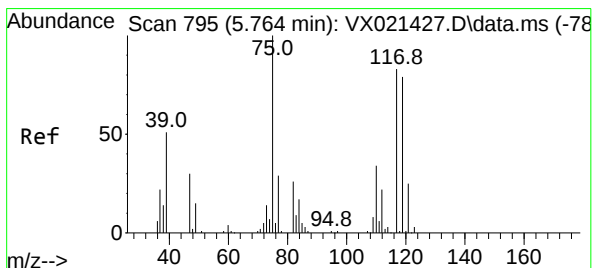
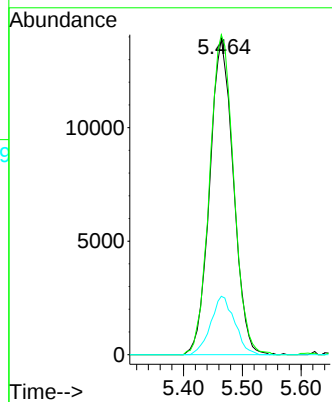
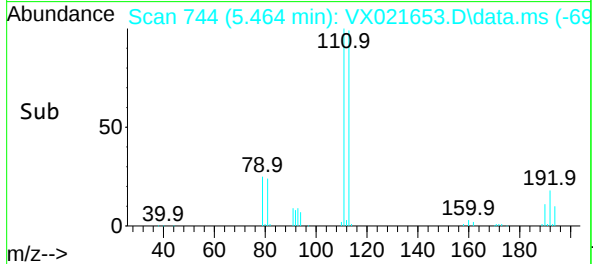


#35
Dibromofluoromethane
Concen: 51.80 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

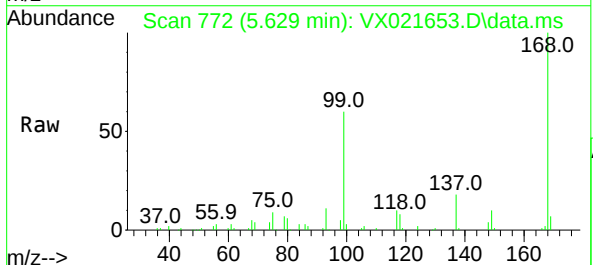
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325DL



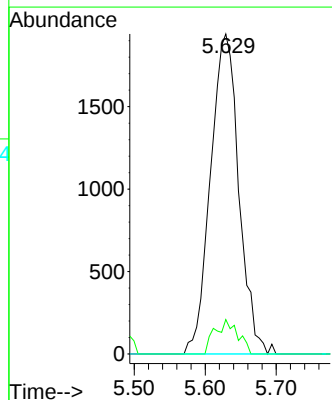
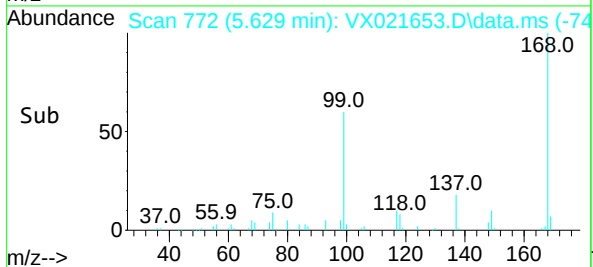
Tgt Ion:113 Resp: 38883
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 18.7 16.7 25.1

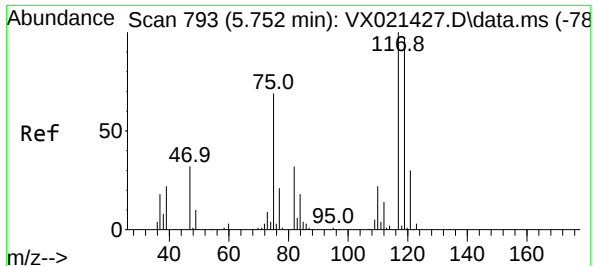


#36
1,1-Dichloropropene
Concen: 5.20 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04



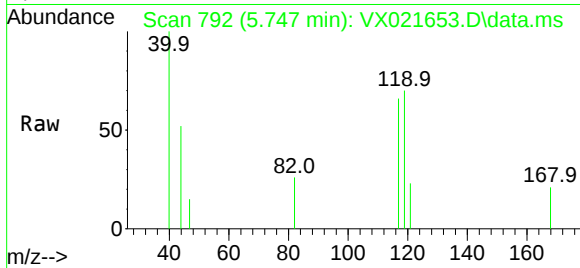
Tgt Ion: 75 Resp: 5386
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



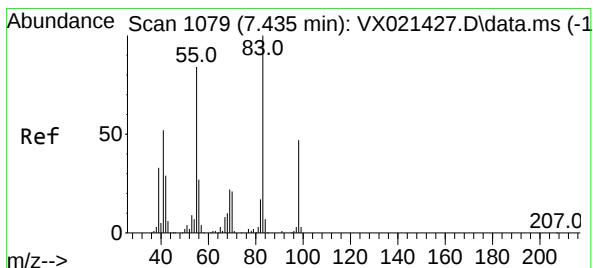
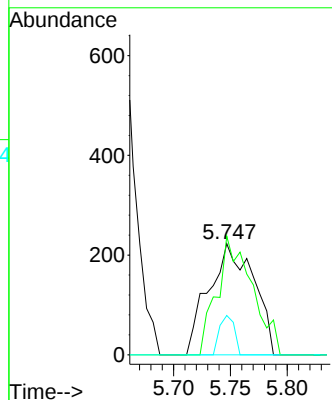
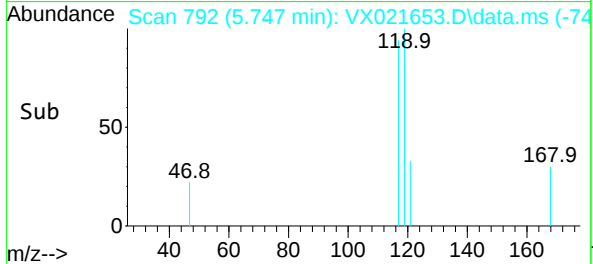


#38
Carbon Tetrachloride
Concen: 0.55 ug/l
RT: 5.747 min Scan# 792
Delta R.T. -0.005 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

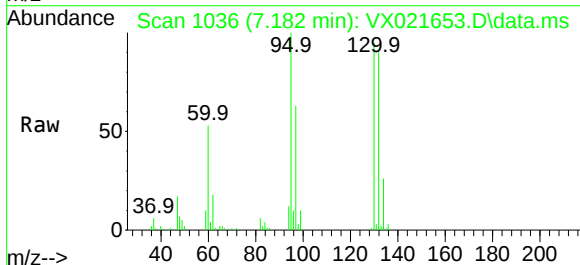
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325DL



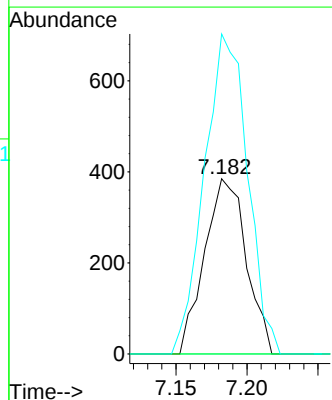
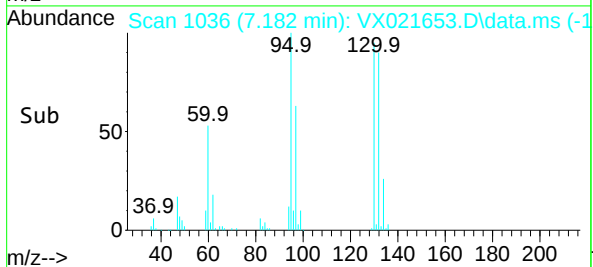
Tgt Ion:	117	Resp:	616
Ion	Ratio	Lower	Upper
117	100		
119	106.7	76.2	114.2
121	35.4	24.8	37.2

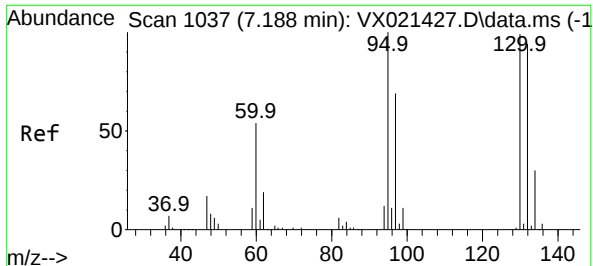


#39
Methylcyclohexane
Concen: 0.68 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.253 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04



Tgt Ion:	83	Resp:	786
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	182.6	38.1	57.1#

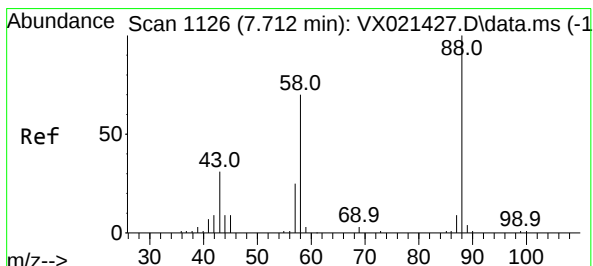
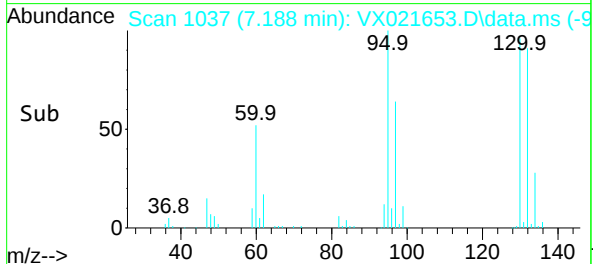
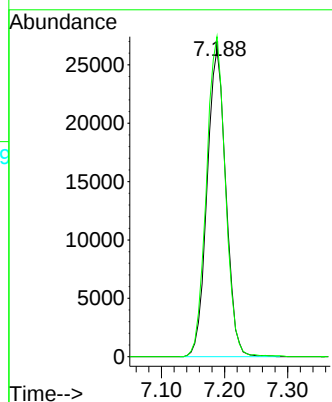
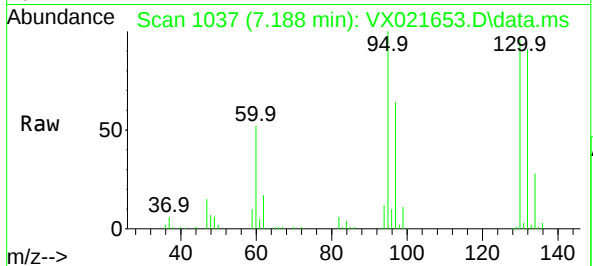




#44
Trichloroethene
Concen: 70.28 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

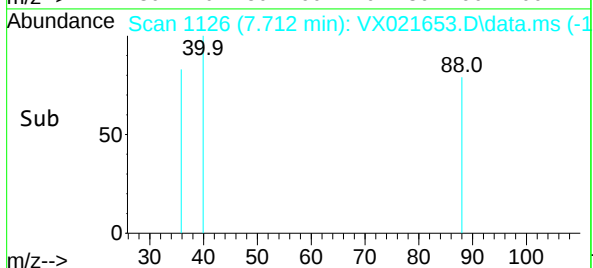
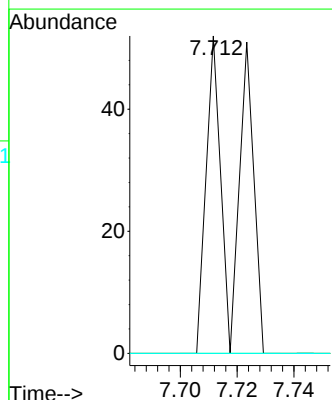
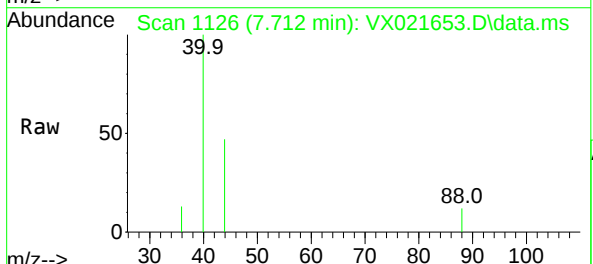
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325DL

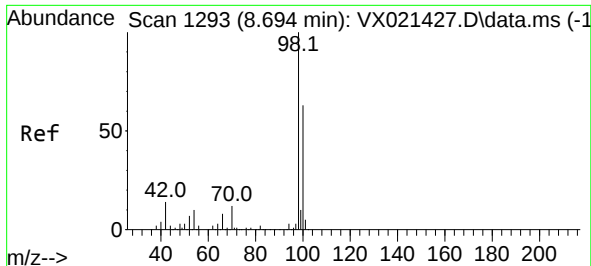
Tgt Ion:130 Resp: 54532
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.0



#49
1,4-Dioxane
Concen: 1.94 ug/l
RT: 7.712 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

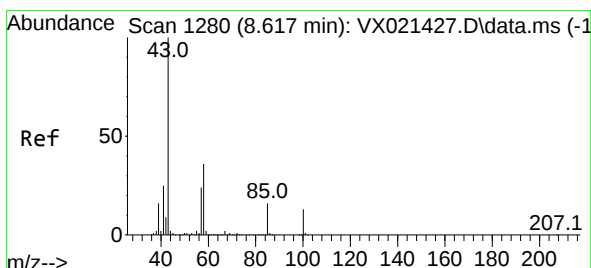
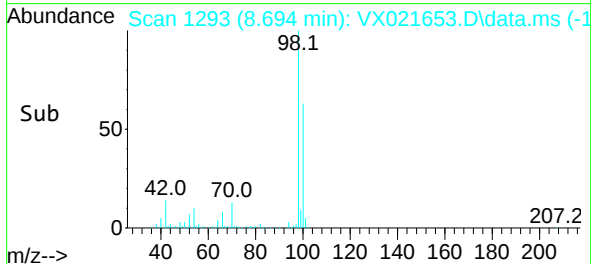
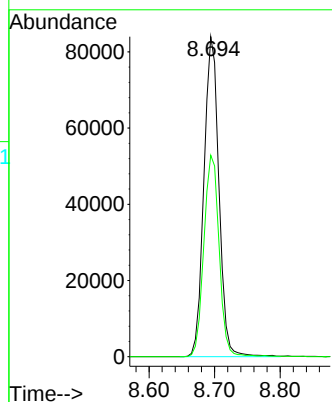
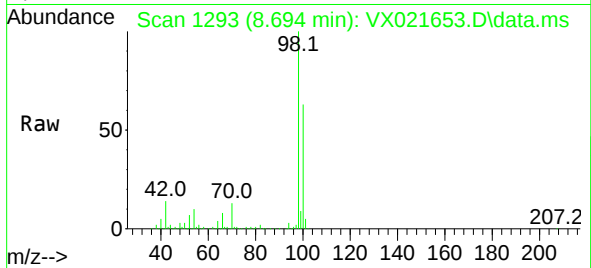




#50
Toluene-d8
Concen: 50.07 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

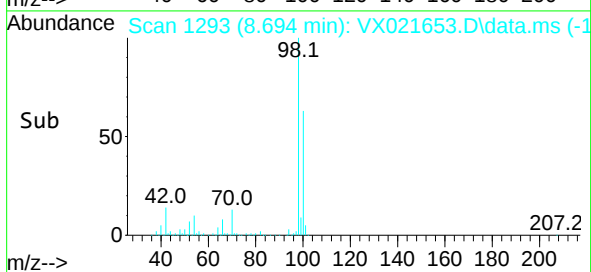
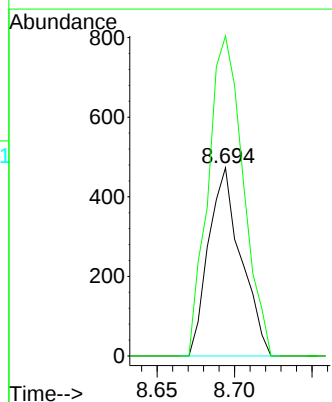
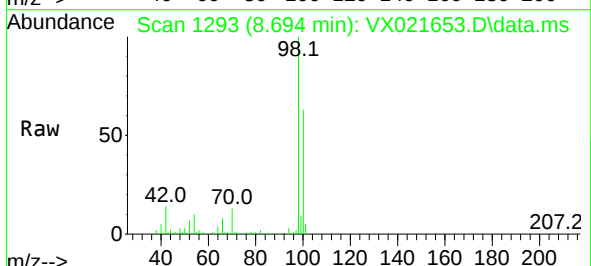
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325DL

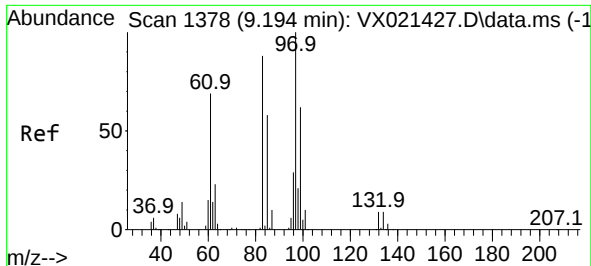
Tgt Ion: 98 Resp: 133947
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

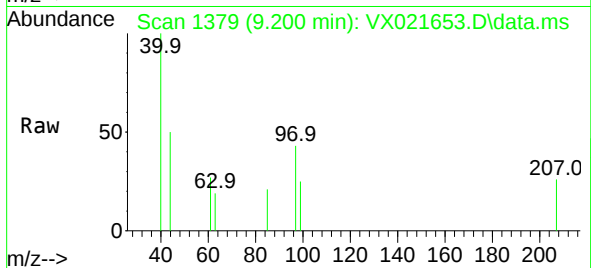
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 182.9 35.4 53.0#





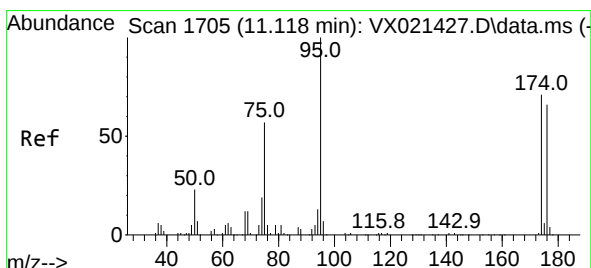
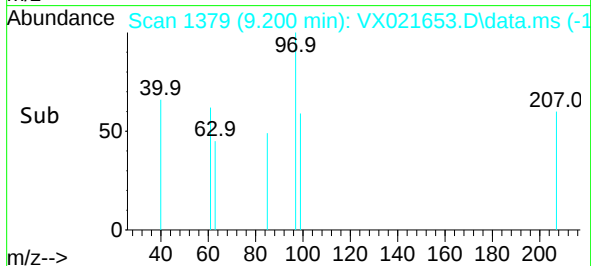
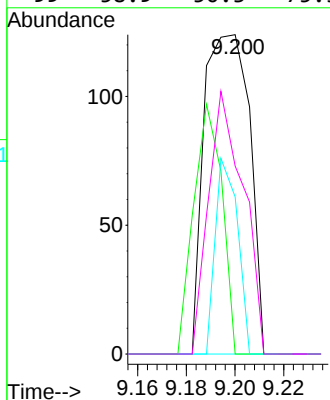
#55
1,1,2-Trichloroethane
Concen: 0.21 ug/l
RT: 9.200 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325DL



Tgt Ion: 97 Resp: 161

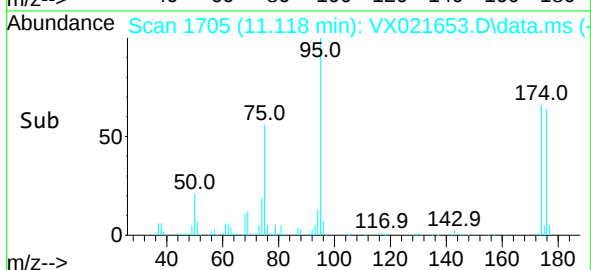
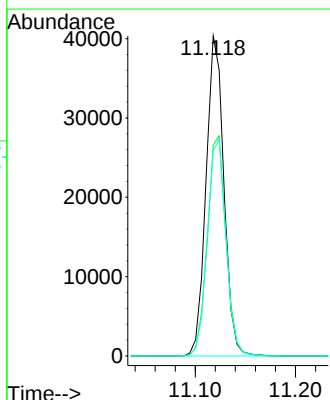
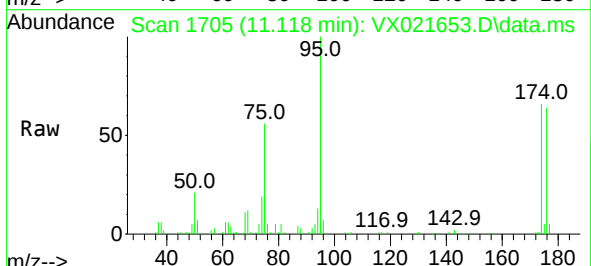
Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.3	103.9#
85	49.2	44.3	66.5
99	58.9	50.3	75.5

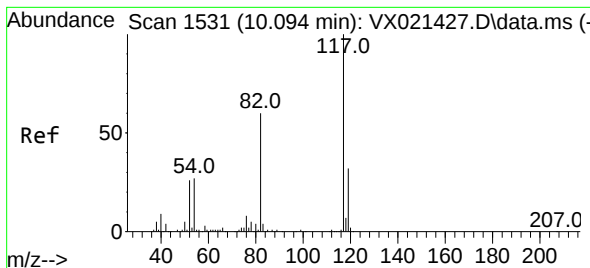


#62
4-Bromofluorobenzene
Concen: 48.05 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion: 95 Resp: 49972

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	154.6
176	70.5	0.0	155.8

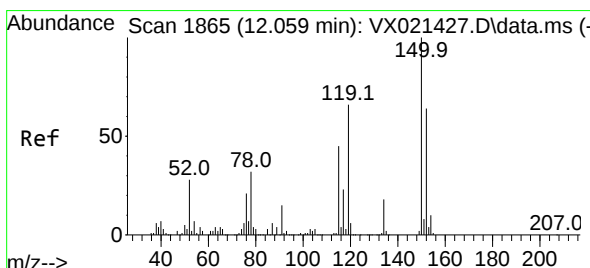
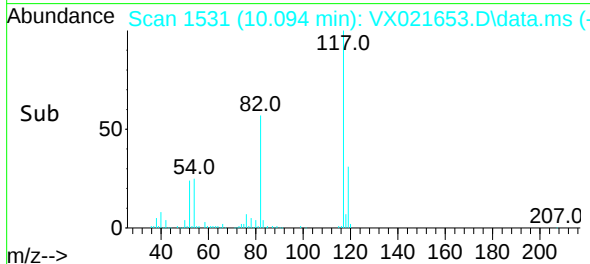
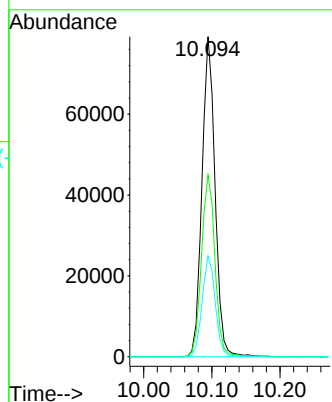
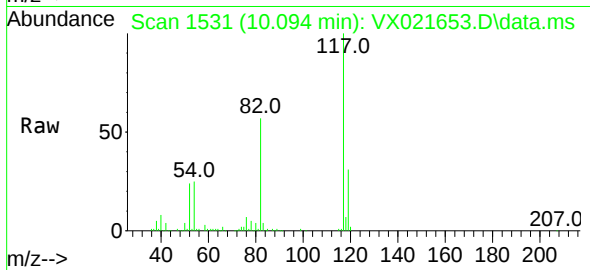




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

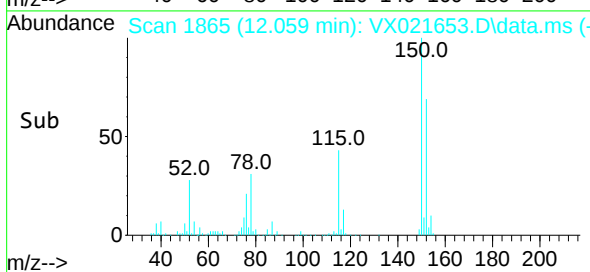
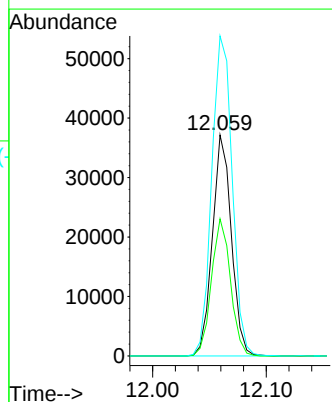
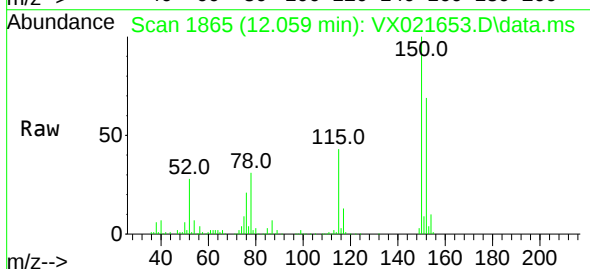
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325DL

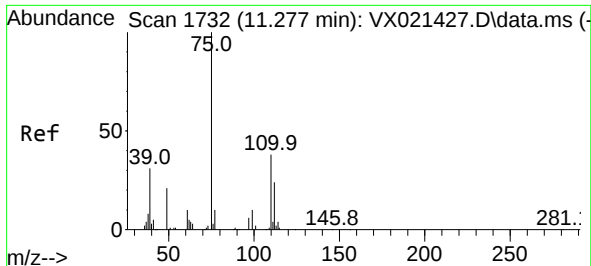
Tgt Ion:117 Resp: 105548
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion:152 Resp: 43147
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 155.9 0.0 349.0

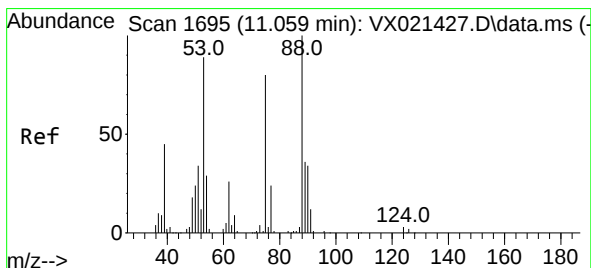
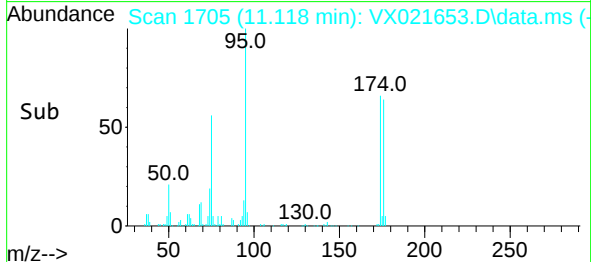
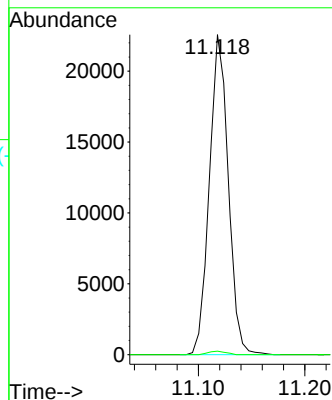
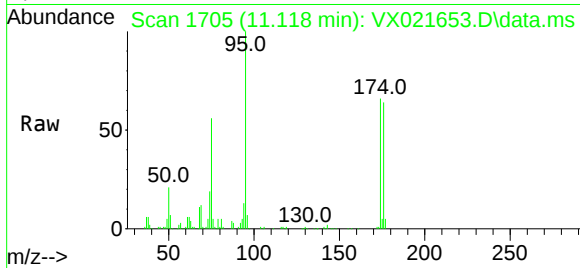




#76
1,2,3-Trichloropropane
Concen: 27.71 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20210325DL

Tgt Ion: 75 Resp: 27837
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021653.D
Acq: 31 Mar 2021 01:04

Tgt Ion: 75 Resp: 27837
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

