

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021657.D
 Acq On : 31 Mar 2021 02:37
 Operator : JC/MD
 Sample : M1843-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20210324DL

Quant Time: Mar 31 06:12:38 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)

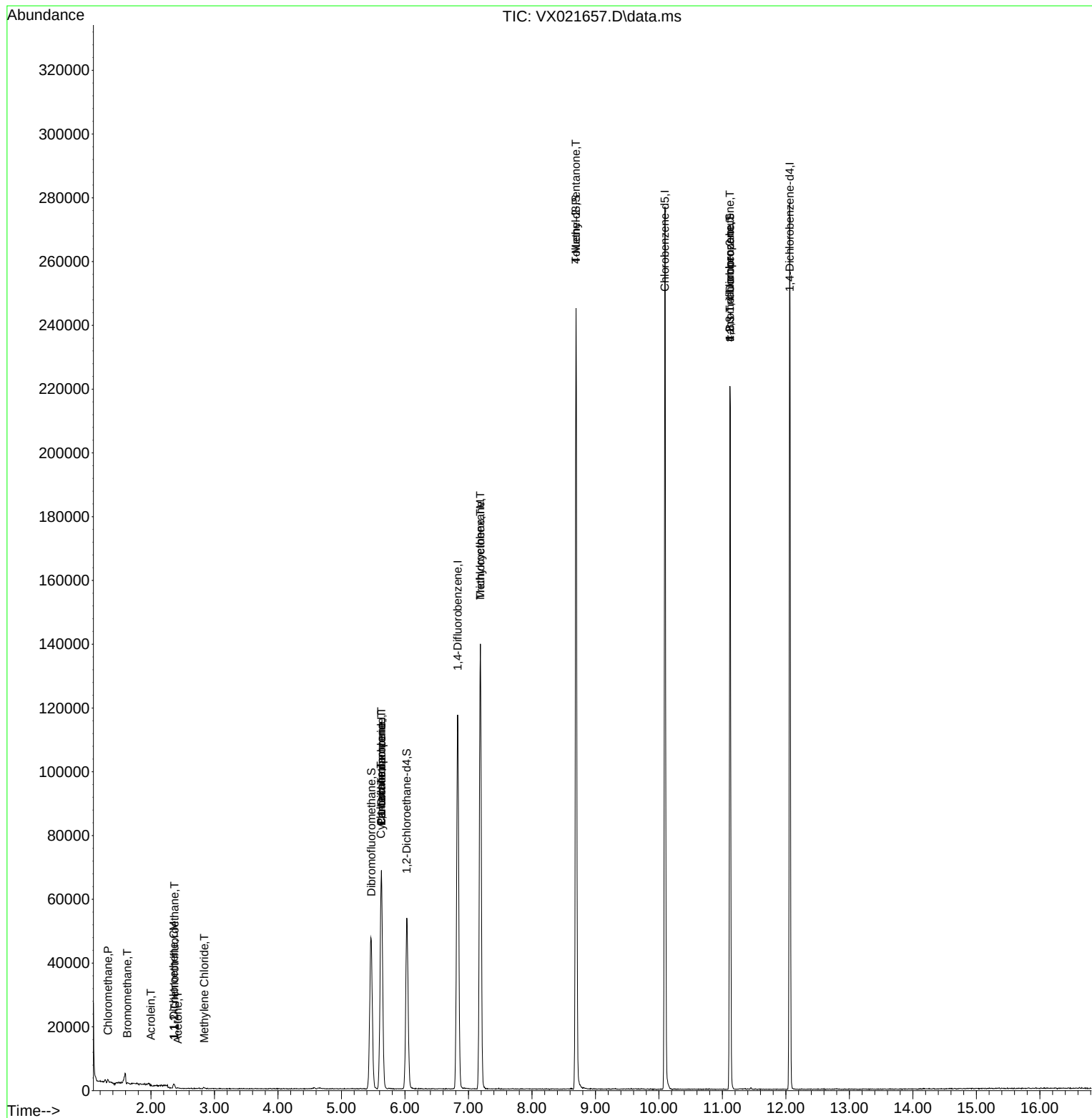
Internal Standards						
1) Pentafluorobenzene	5.629	168	59240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52151	52.91	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.82%
35) Dibromofluoromethane	5.470	113	39515	50.94	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.88%
50) Toluene-d8	8.694	98	138096	49.95	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.90%
62) 4-Bromofluorobenzene	11.118	95	56518	52.58	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.16%
Target Compounds						Qvalue
3) Chloromethane	1.322	50	1457	1.99	ug/l #	86
5) Bromomethane	1.628	94	102	0.38	ug/l #	61
9) 1,1,2-Trichlorotrifluo...	2.370	101	525	0.86	ug/l	89
12) 1,1-Dichloroethene	2.358	96	128	0.21	ug/l #	73
13) Acrolein	1.999	56	23	4.57	ug/l #	14
16) Acetone	2.422	43	278	0.75	ug/l #	40
20) Methylene Chloride	2.840	84	148	0.20	ug/l #	68
31) Cyclohexane	5.623	56	1658	1.53	ug/l #	28
36) 1,1-Dichloropropene	5.629	75	5332	4.98	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6190	5.38	ug/l #	17
39) Methylcyclohexane	7.188	83	697	0.59	ug/l #	1
44) Trichloroethene	7.188	130	49602	61.85	ug/l	98
51) 4-Methyl-2-Pentanone	8.694	43	719	0.58	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	32039	26.14	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32039	79.64	ug/l #	12

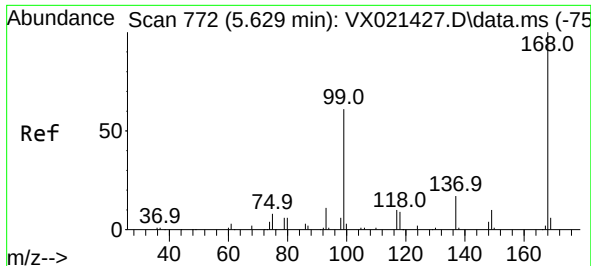
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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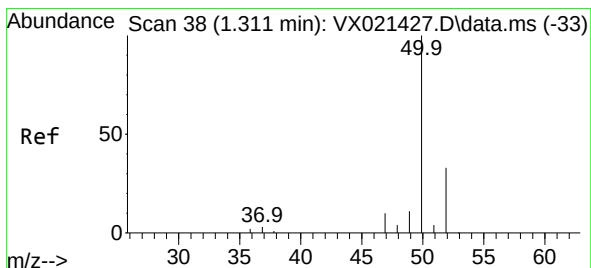
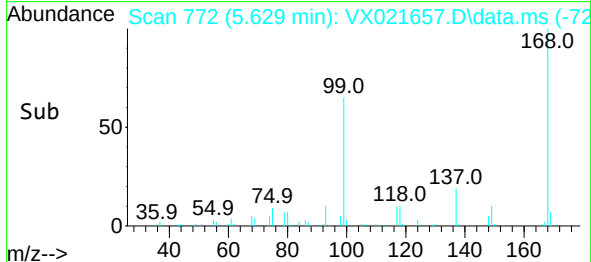
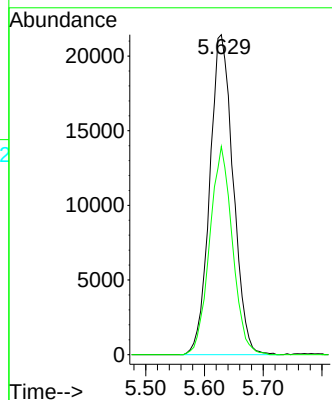
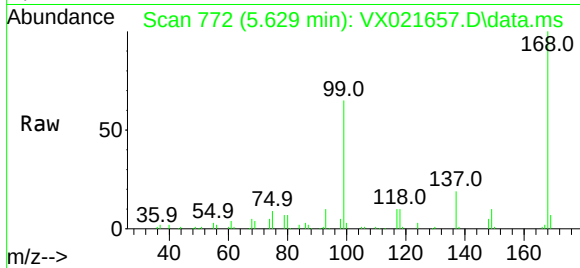




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

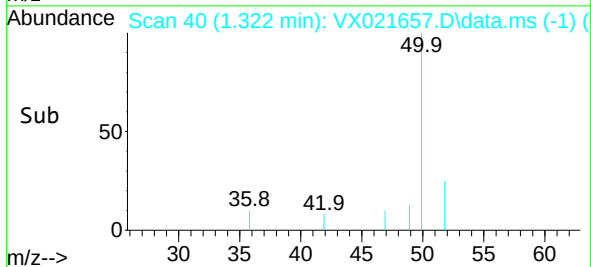
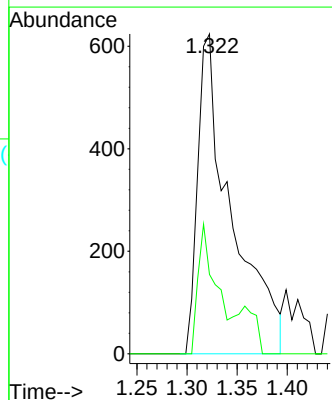
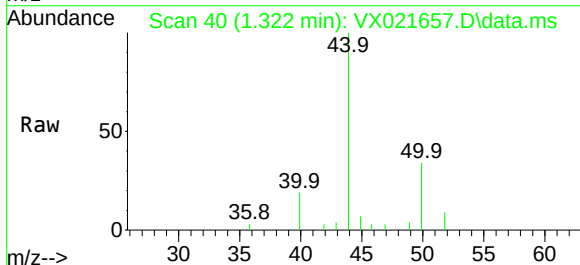
Instrument :
MSVOA_X
ClientSampleId :
RE137-20210324DL

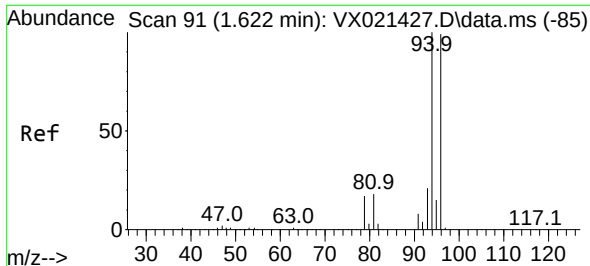
Tgt Ion:168 Resp: 59240
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



#3
Chloromethane
Concen: 1.99 ug/l
RT: 1.322 min Scan# 40
Delta R.T. 0.011 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

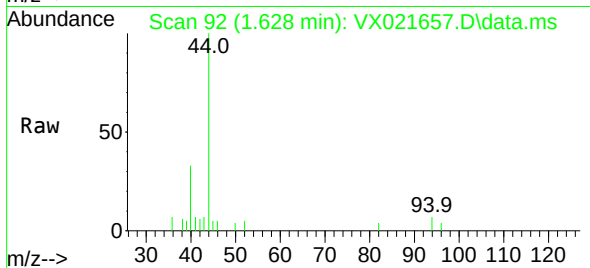
Tgt Ion: 50 Resp: 1457
Ion Ratio Lower Upper
50 100
52 24.8 26.4 39.6#



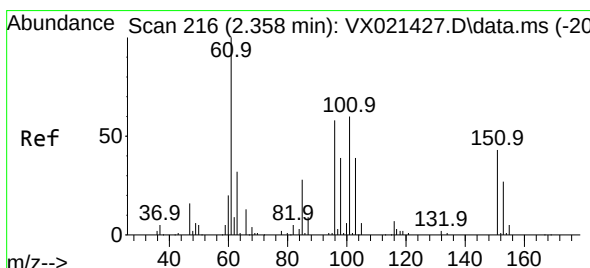
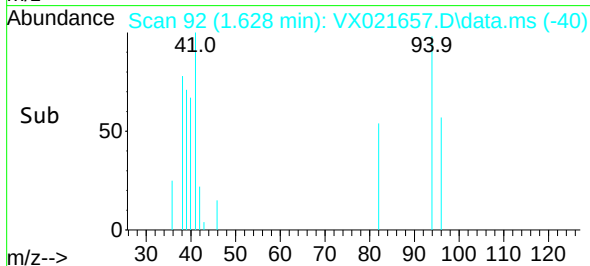
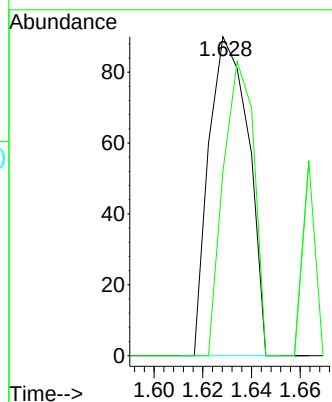


#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

Instrument :
MSVOA_X
ClientSampleId :
RE137-20210324DL

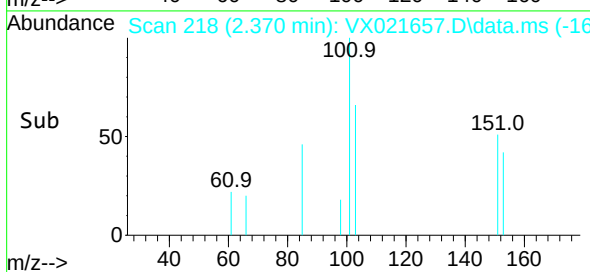
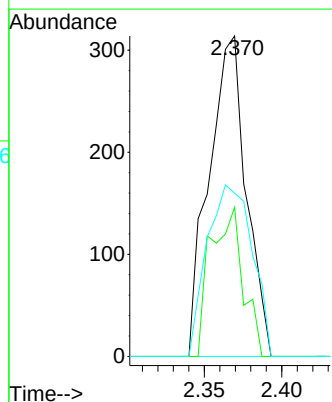
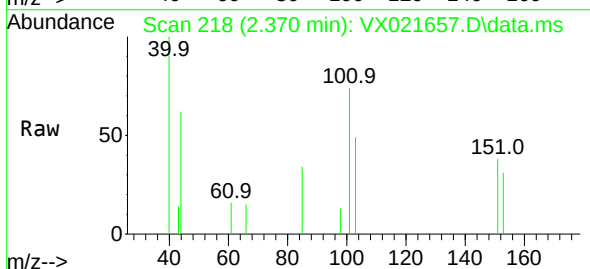


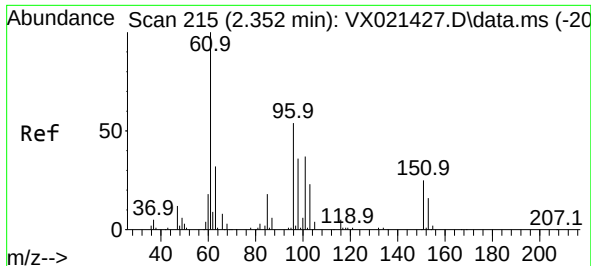
Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 57.8 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.86 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.012 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

Tgt Ion: 101 Resp: 525
Ion Ratio Lower Upper
101 100
85 40.4 34.9 52.3
151 64.8 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.21 ug/l

RT: 2.358 min Scan# 216

Delta R.T. 0.006 min

Lab File: VX021657.D

Acq: 31 Mar 2021 02:37

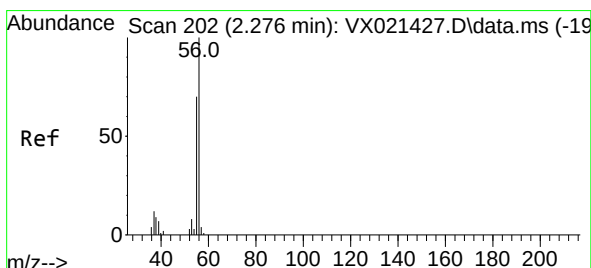
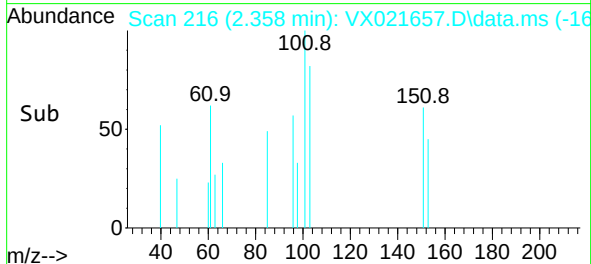
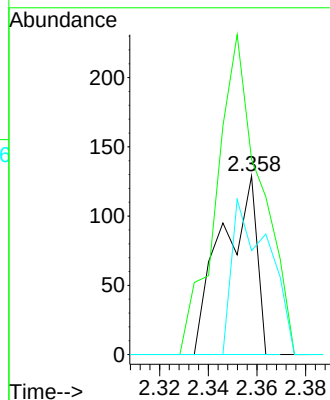
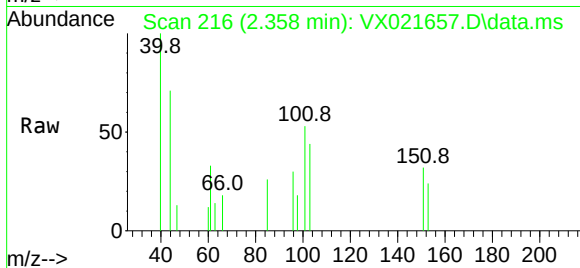
Tgt Ion: 96 Resp: 128

Ion Ratio Lower Upper

96 100

61 109.3 124.6 187.0#

98 58.1 50.6 76.0



#13

Acrolein

Concen: 4.57 ug/l

RT: 1.999 min Scan# 155

Delta R.T. -0.277 min

Lab File: VX021657.D

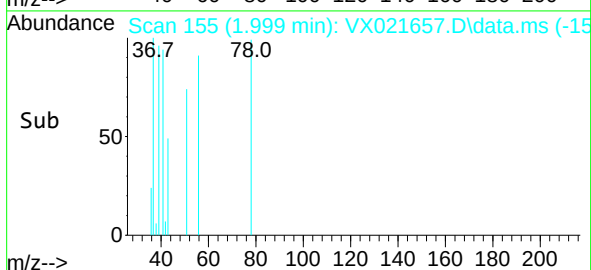
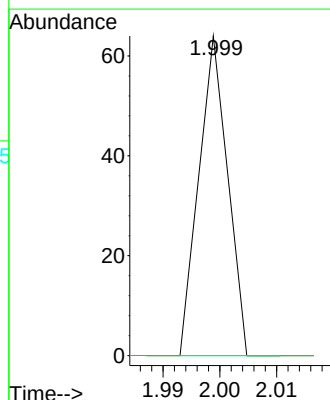
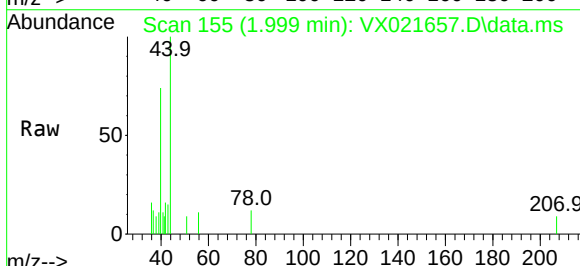
Acq: 31 Mar 2021 02:37

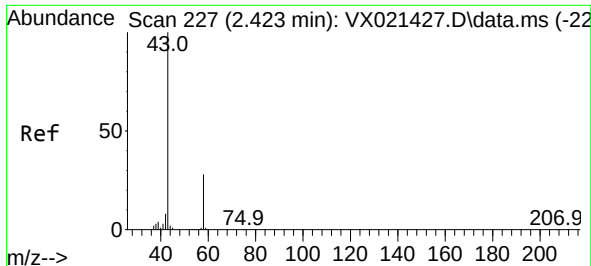
Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

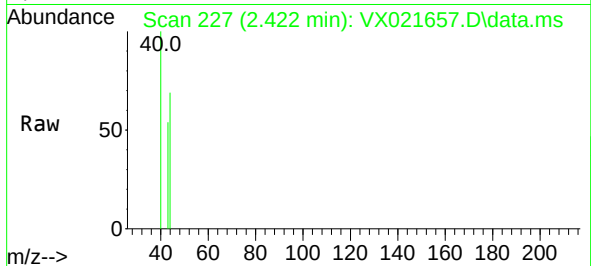
55 0.0 56.4 84.6#



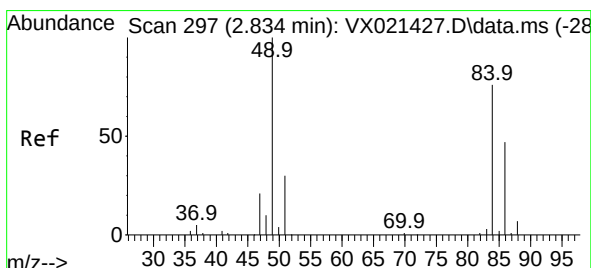
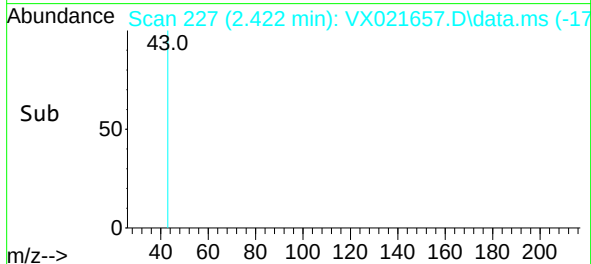
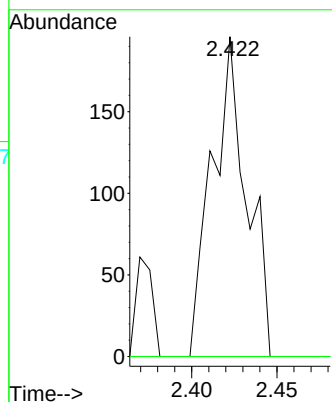


#16
Acetone
Concen: 0.75 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

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RE137-20210324DL

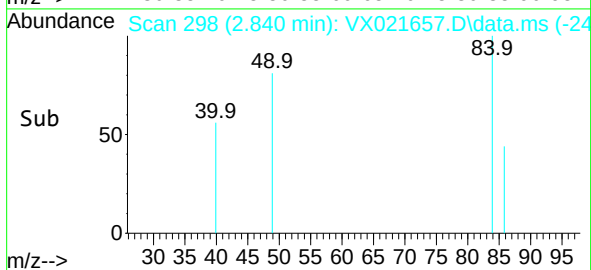
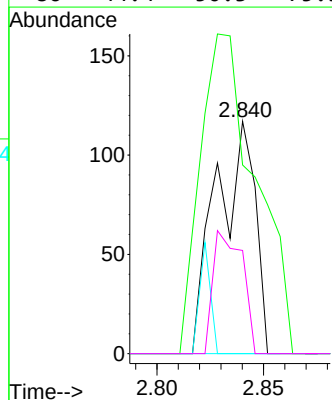
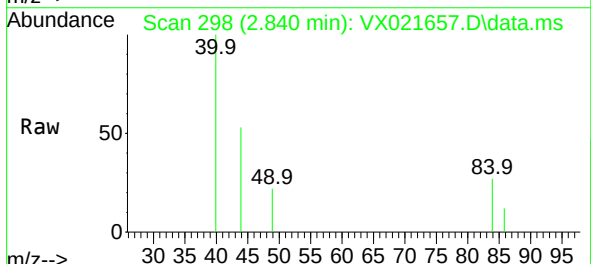


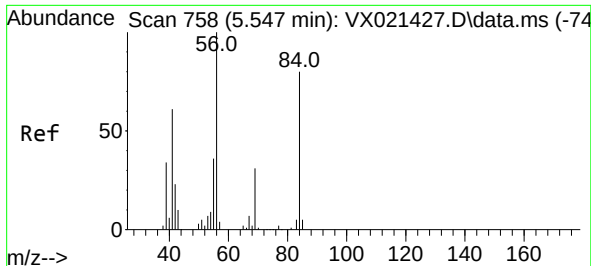
Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

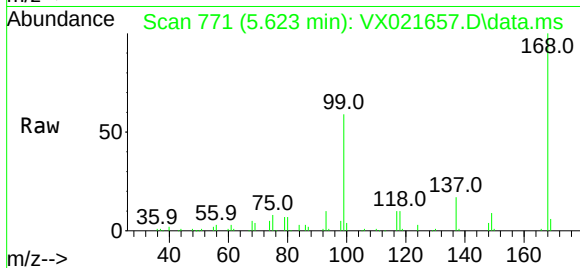
Tgt Ion: 84 Resp: 148
Ion Ratio Lower Upper
84 100
49 81.2 88.6 132.8#
51 0.0 27.0 40.6#
86 44.4 50.3 75.5#



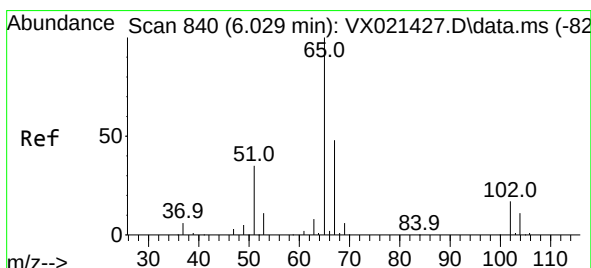
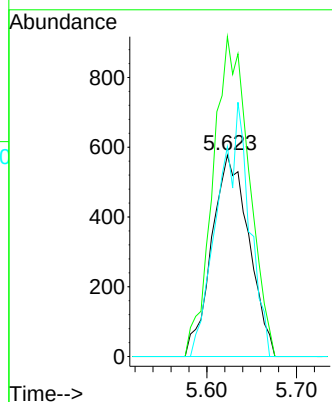
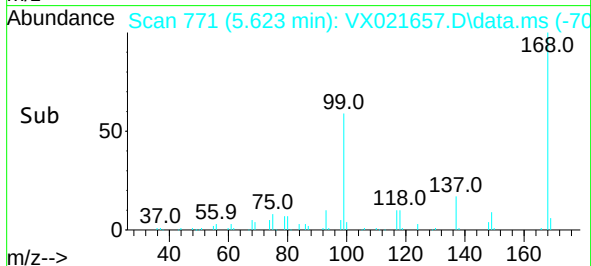


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

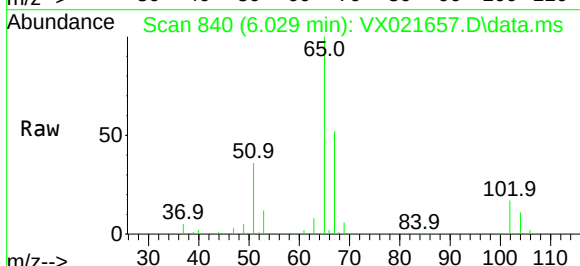
Instrument :
MSVOA_X
ClientSampleId :
RE137-20210324DL



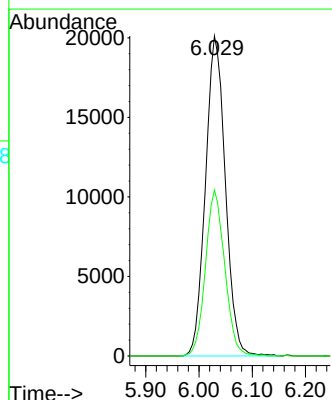
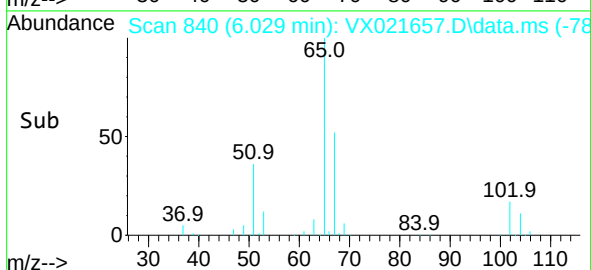
Tgt Ion: 56 Resp: 1658
Ion Ratio Lower Upper
56 100
69 158.9 25.3 37.9#
84 104.3 71.4 107.0

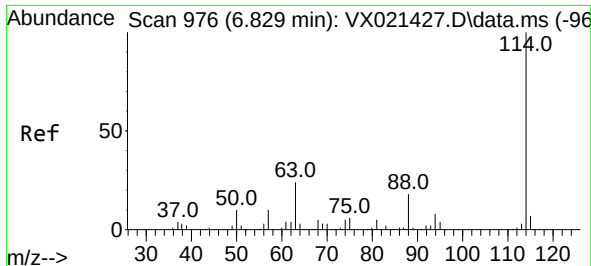


#33
1,2-Dichloroethane-d4
Concen: 52.91 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37



Tgt Ion: 65 Resp: 52151
Ion Ratio Lower Upper
65 100
67 50.3 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: VX021657.D

Acq: 31 Mar 2021 02:37

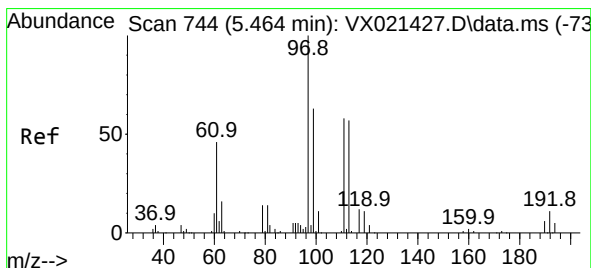
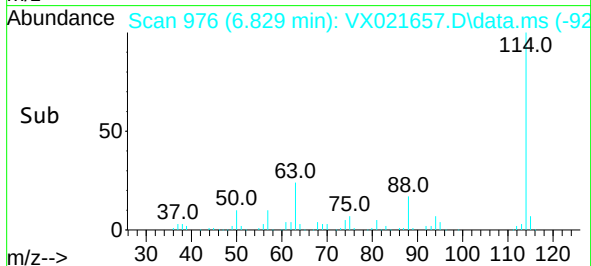
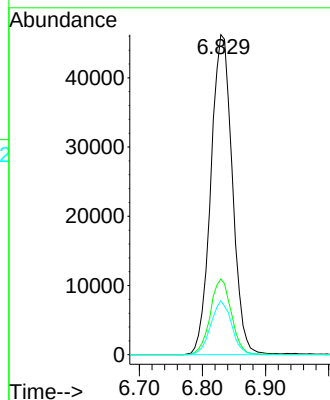
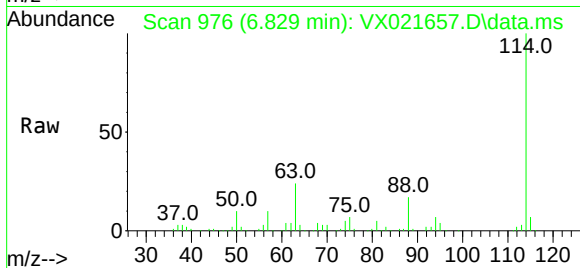
Tgt Ion:114 Resp: 109216

Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.8

88 16.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.94 ug/l

RT: 5.470 min Scan# 745

Delta R.T. 0.006 min

Lab File: VX021657.D

Acq: 31 Mar 2021 02:37

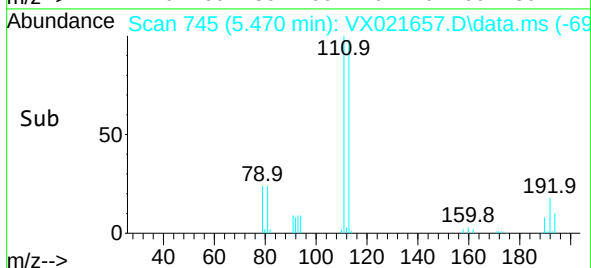
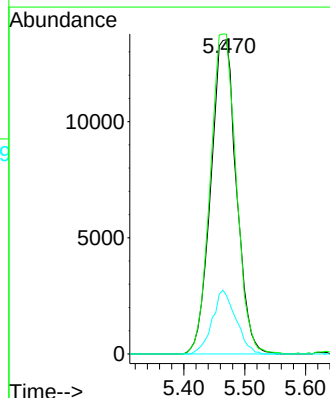
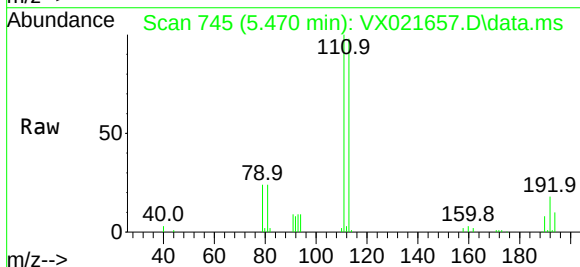
Tgt Ion:113 Resp: 39515

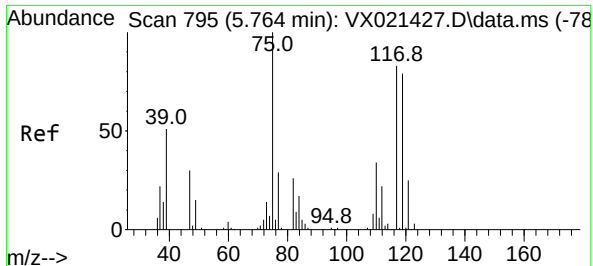
Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 18.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.98 ug/l

RT: 5.629 min Scan# 772

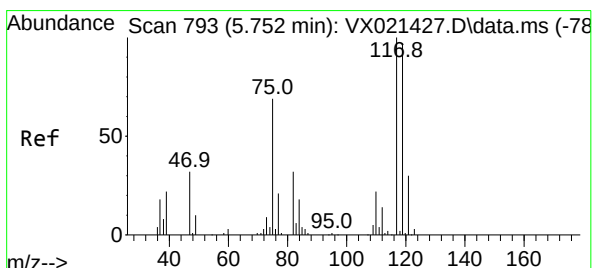
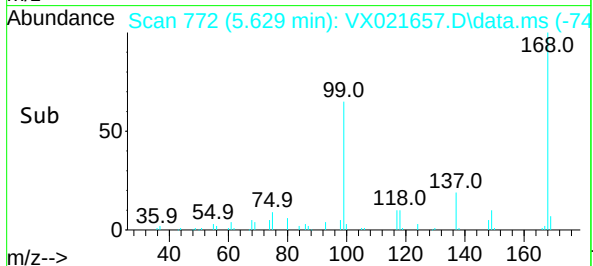
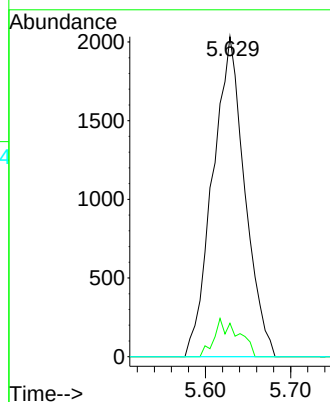
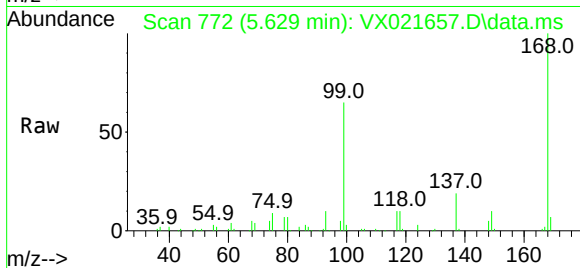
Delta R.T. -0.135 min

Lab File: VX021657.D

Acq: 31 Mar 2021 02:37

Tgt Ion: 75	Resp: 5332
Ion Ratio	Lower Upper
75 100	
110 8.9	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampleId :
RE137-20210324DL



#38

Carbon Tetrachloride

Concen: 5.38 ug/l

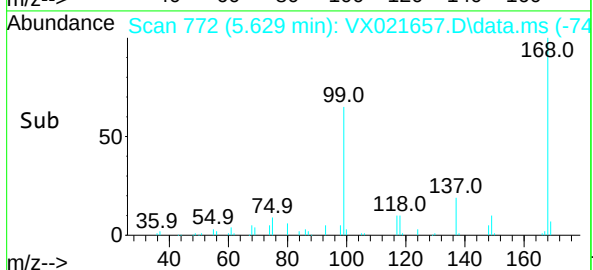
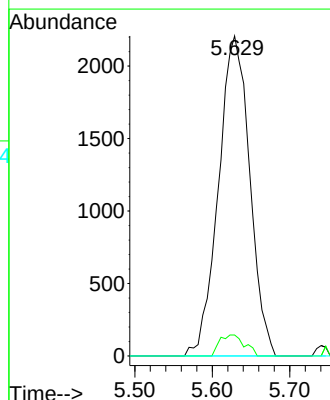
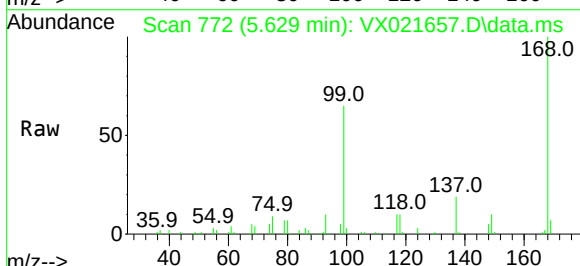
RT: 5.629 min Scan# 772

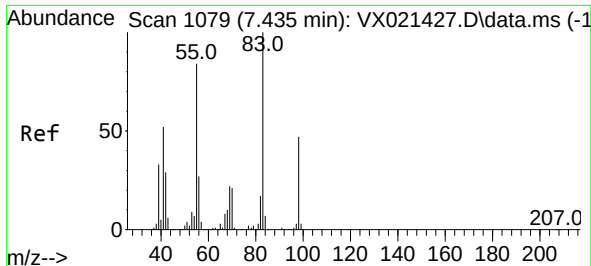
Delta R.T. -0.123 min

Lab File: VX021657.D

Acq: 31 Mar 2021 02:37

Tgt Ion: 117	Resp: 6190
Ion Ratio	Lower Upper
117 100	
119 6.6	76.2 114.2#
121 0.0	24.8 37.2#





#39

Methylcyclohexane

Concen: 0.59 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.247 min

Lab File: VX021657.D

Acq: 31 Mar 2021 02:37

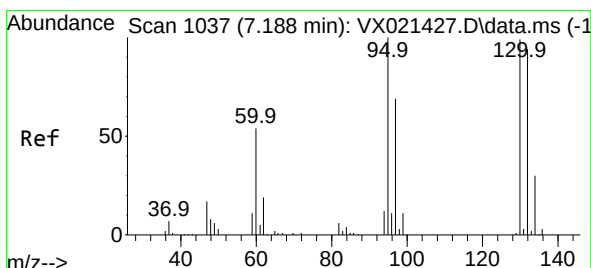
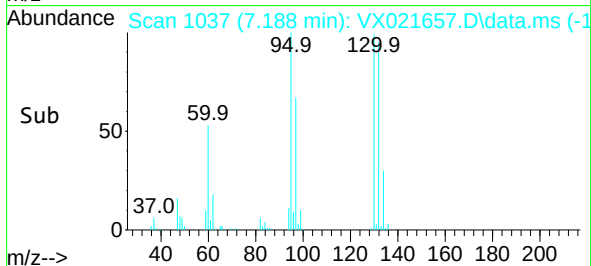
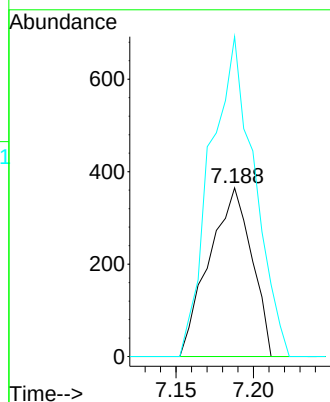
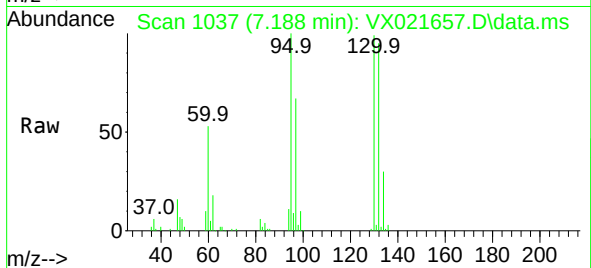
Instrument :

MSVOA_X

ClientSampleId :

RE137-20210324DL

Tgt Ion: 83	Resp:	697
Ion Ratio	Lower	Upper
83	100	
55	0.0	58.9
98	189.6	38.1



#44

Trichloroethene

Concen: 61.85 ug/l

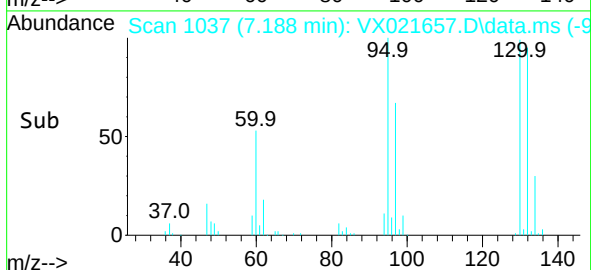
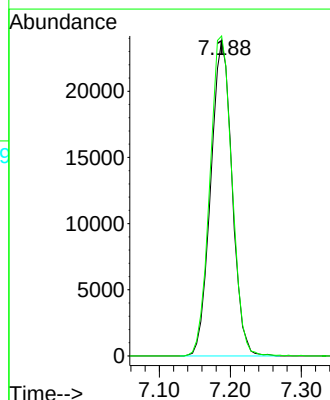
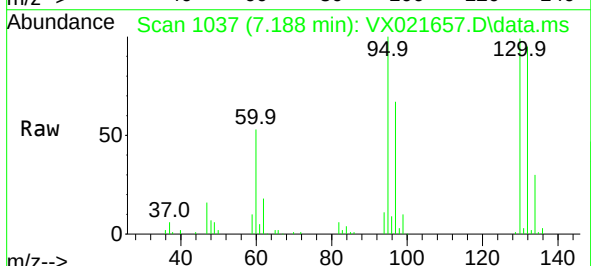
RT: 7.188 min Scan# 1037

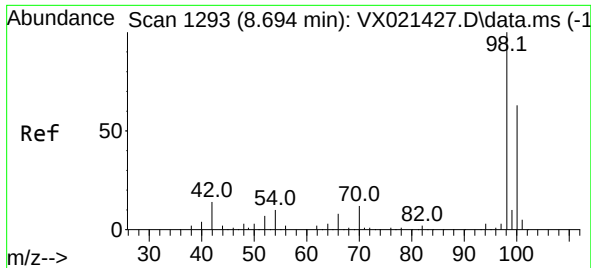
Delta R.T. -0.000 min

Lab File: VX021657.D

Acq: 31 Mar 2021 02:37

Tgt Ion: 130	Resp:	49602
Ion Ratio	Lower	Upper
130	100	
95	101.5	0.0

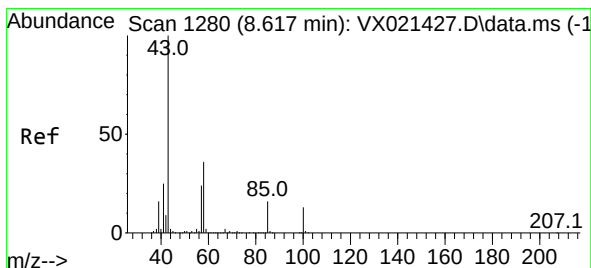
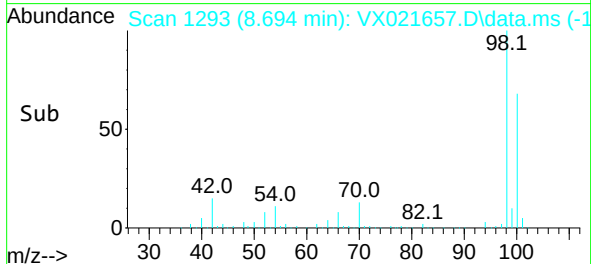
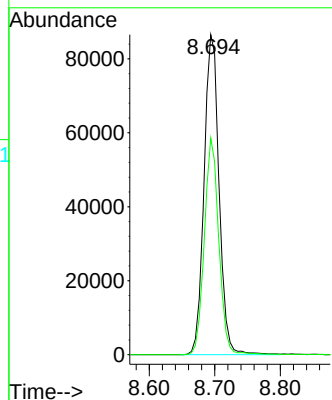
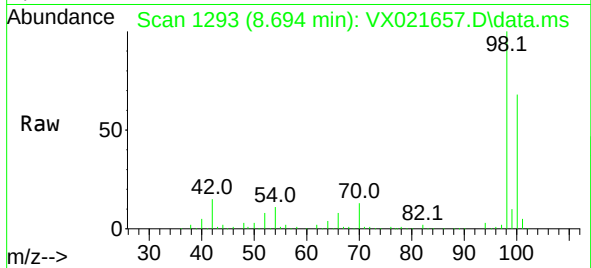




#50
Toluene-d8
Concen: 49.95 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

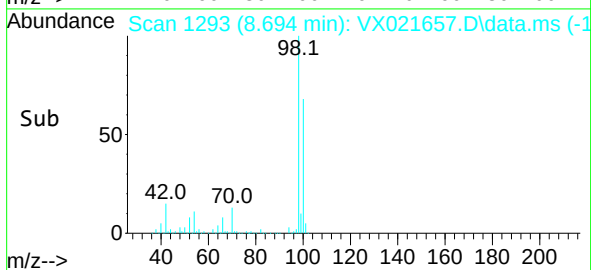
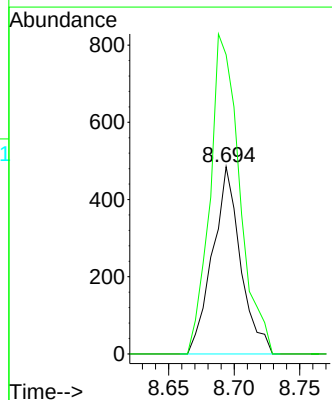
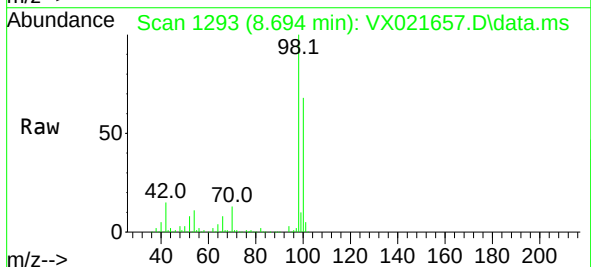
Instrument :
MSVOA_X
ClientSampleId :
RE137-20210324DL

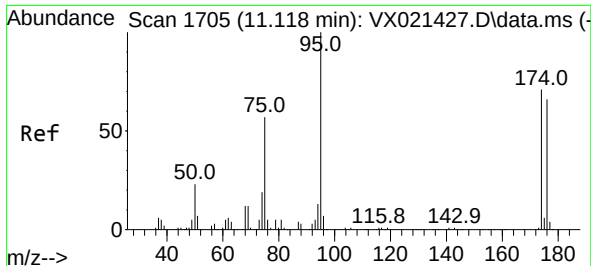
Tgt Ion: 98 Resp: 138096
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
58 181.5 35.4 53.0#

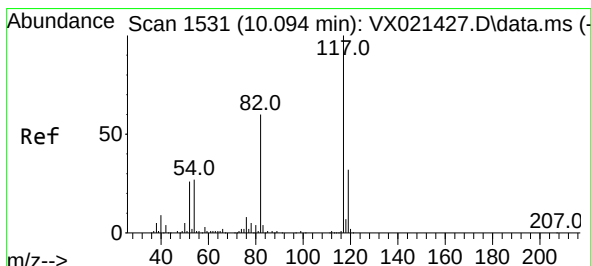
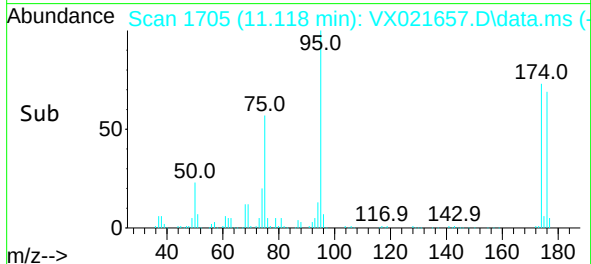
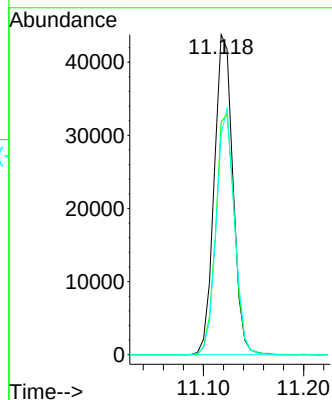
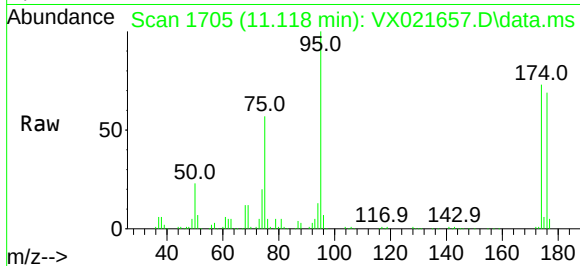




#62
4-Bromofluorobenzene
Concen: 52.58 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

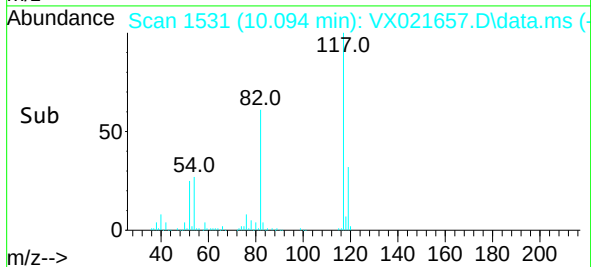
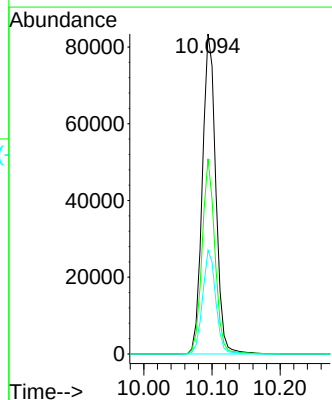
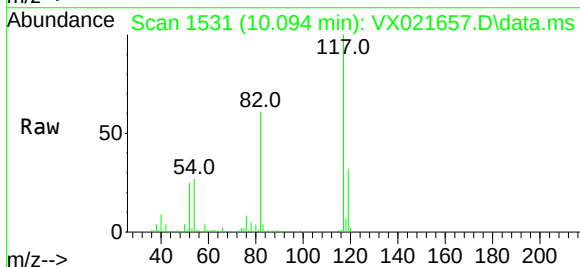
Instrument :
MSVOA_X
ClientSampleId :
RE137-20210324DL

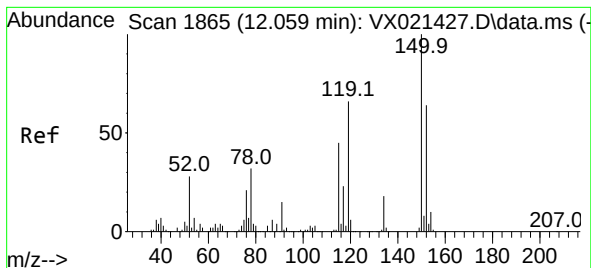
Tgt Ion: 95 Resp: 56518
Ion Ratio Lower Upper
95 100
174 75.9 0.0 154.6
176 74.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021657.D
Acq: 31 Mar 2021 02:37

Tgt Ion: 117 Resp: 114388
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 32.4 26.6 39.8

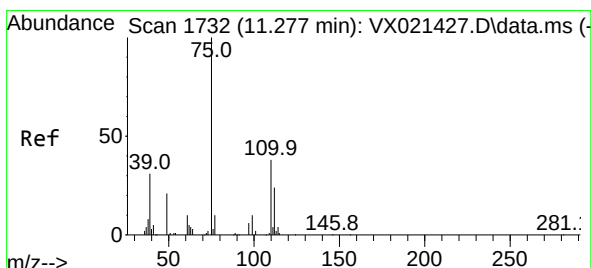
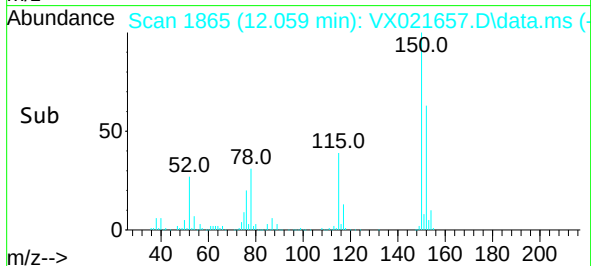
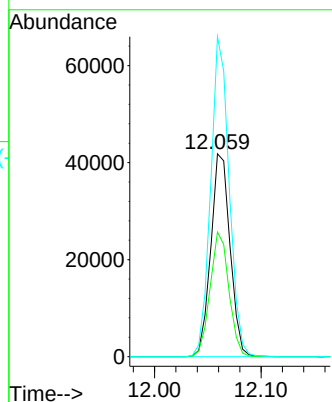
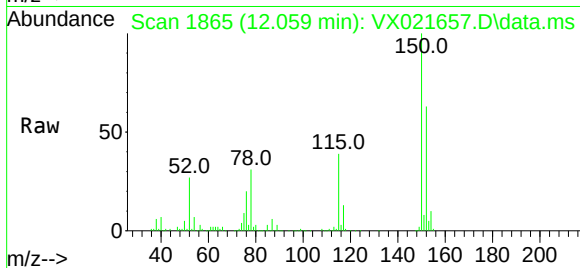




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021657.D
 Acq: 31 Mar 2021 02:37

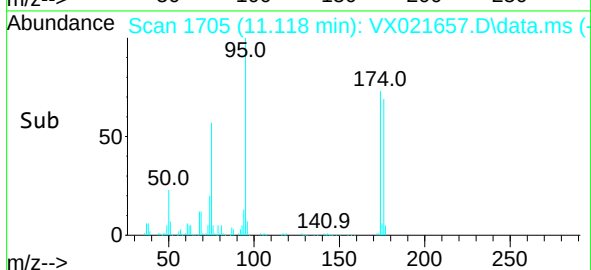
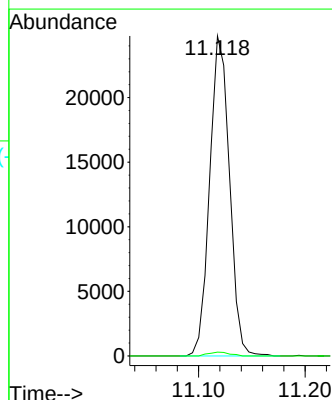
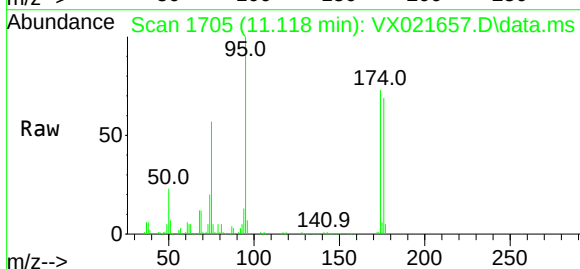
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20210324DL

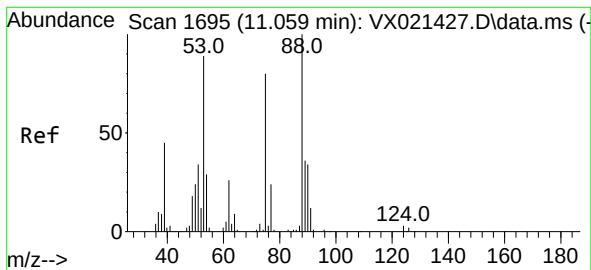
Tgt Ion:152 Resp: 52640
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 151.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.14 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021657.D
 Acq: 31 Mar 2021 02:37

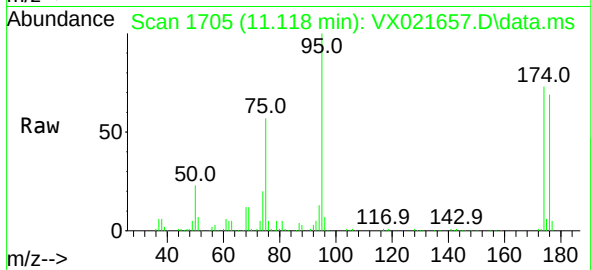
Tgt Ion: 75 Resp: 32039
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.64 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021657.D
 Acq: 31 Mar 2021 02:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20210324DL



Tgt Ion: 75 Resp: 32039
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

