

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021656.D
 Acq On : 31 Mar 2021 02:14
 Operator : JC/MD
 Sample : M1843-13DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20210325DL

Quant Time: Mar 31 06:12:23 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)

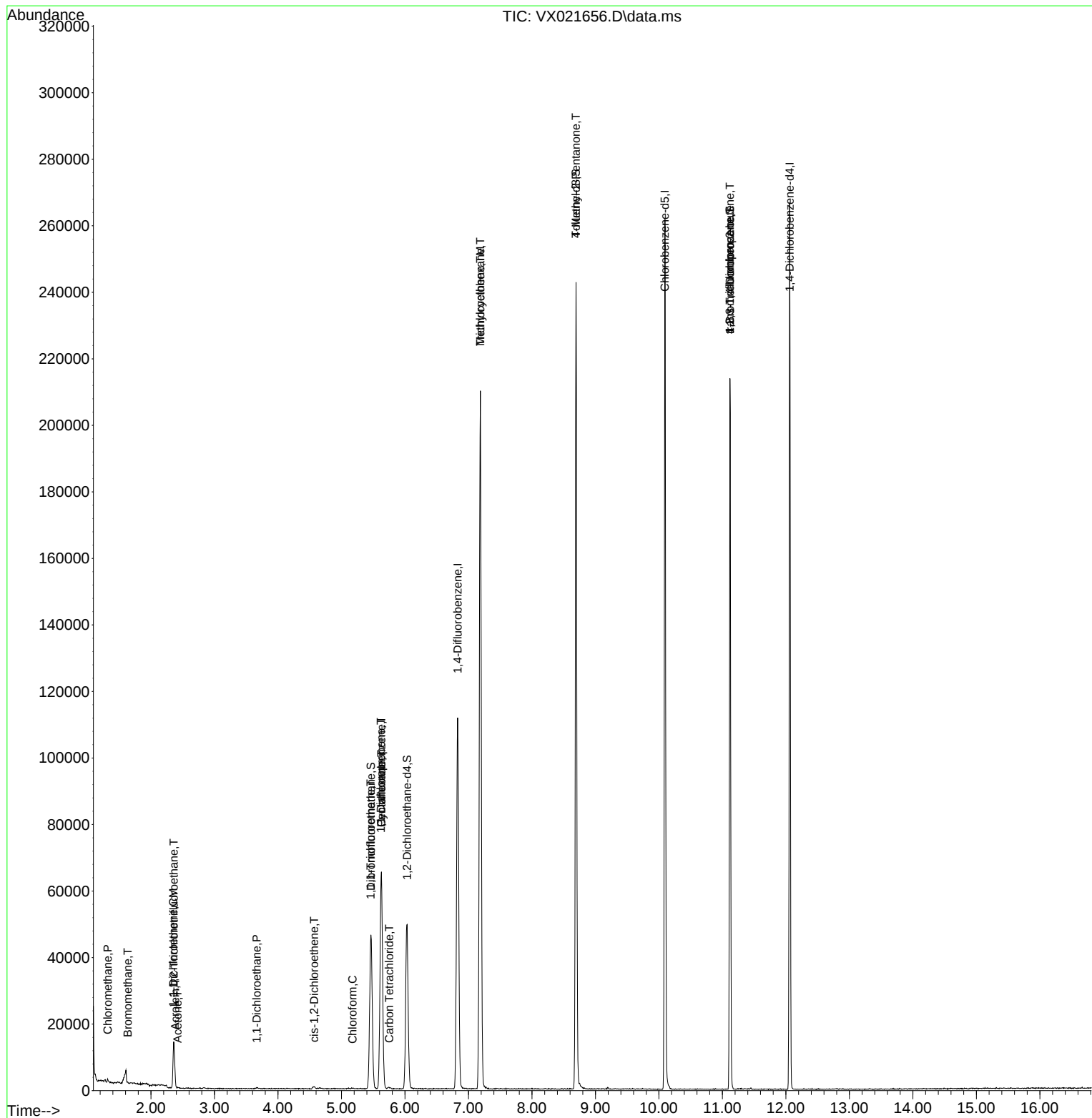
Internal Standards						
1) Pentafluorobenzene	5.629	168	56887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	105273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	50112	52.94	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.88%
35) Dibromofluoromethane	5.464	113	38160	51.03	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.06%
50) Toluene-d8	8.694	98	134544	50.49	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.98%
62) 4-Bromofluorobenzene	11.118	95	54914	53.01	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.02%
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1573	2.23	ug/l #	69
5) Bromomethane	1.634	94	138	0.54	ug/l #	72
9) 1,1,2-Trichlorotrifluo...	2.358	101	3493	5.97	ug/l	94
12) 1,1-Dichloroethene	2.352	96	1817	3.17	ug/l	91
13) Acrolein	2.381	56	18	4.52	ug/l #	14
16) Acetone	2.417	43	297	0.83	ug/l #	40
24) 1,1-Dichloroethane	3.664	63	544	0.45	ug/l #	81
27) cis-1,2-Dichloroethene	4.570	96	407	0.56	ug/l	96
30) Chloroform	5.176	83	279	0.22	ug/l #	18
31) Cyclohexane	5.629	56	1623	1.56	ug/l #	37
32) 1,1,1-Trichloroethane	5.458	97	233	0.20	ug/l #	24
36) 1,1-Dichloropropene	5.623	75	5090	4.93	ug/l #	49
38) Carbon Tetrachloride	5.752	117	357	0.32	ug/l	89
39) Methylcyclohexane	7.188	83	1042	0.91	ug/l #	1
44) Trichloroethene	7.188	130	74076	95.83	ug/l	94
51) 4-Methyl-2-Pentanone	8.694	43	717	0.60	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	30815	27.01	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	30815	82.27	ug/l #	12

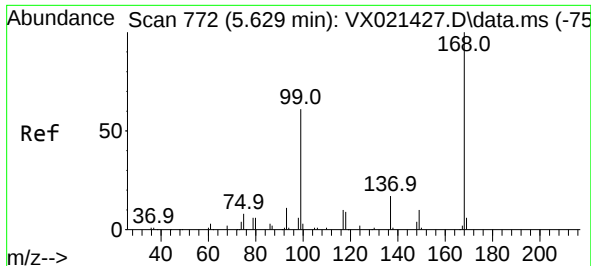
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE115D2-20210325DL

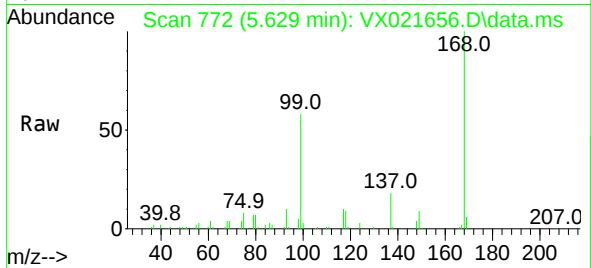
Quant Time: Mar 31 06:12:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



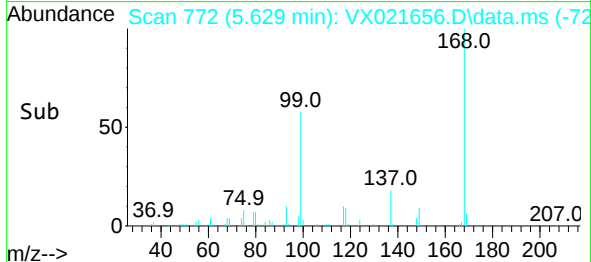
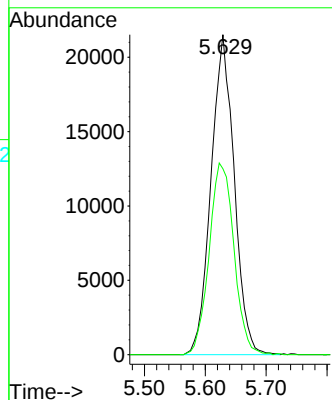


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

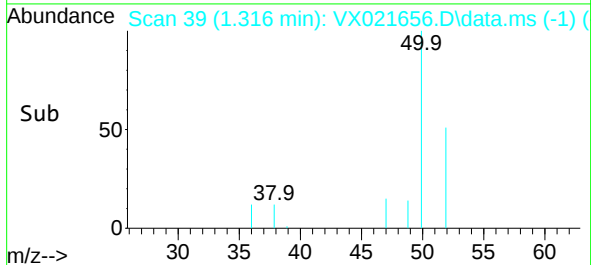
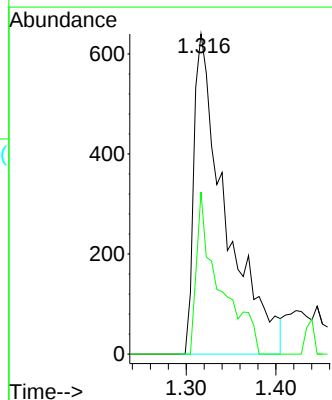
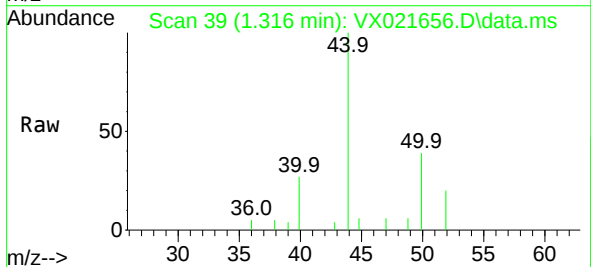


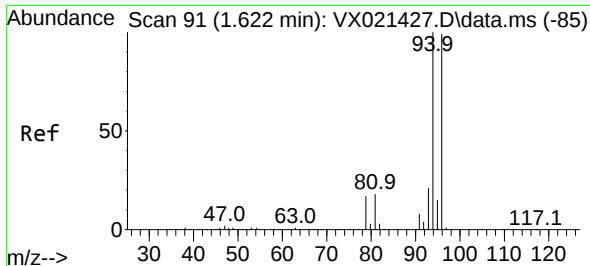
Tgt Ion:168 Resp: 56887
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#3
Chloromethane
Concen: 2.23 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion: 50 Resp: 1573
Ion Ratio Lower Upper
50 100
52 50.6 26.4 39.6#

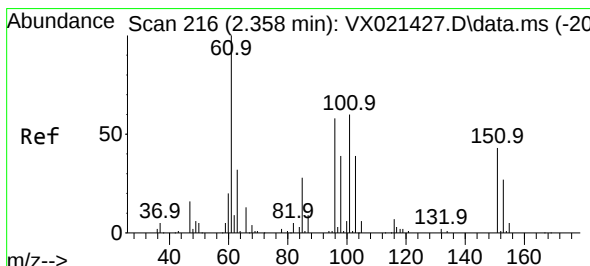
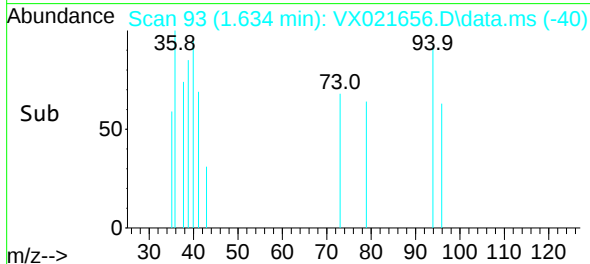
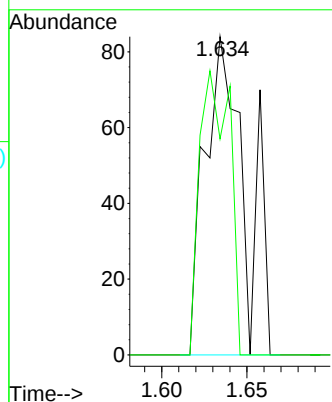
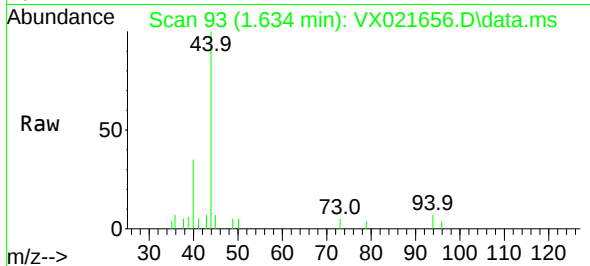




#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

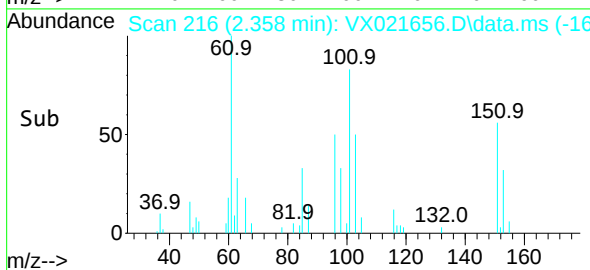
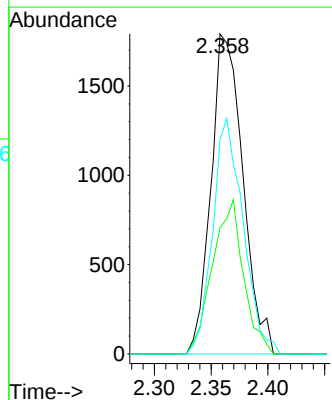
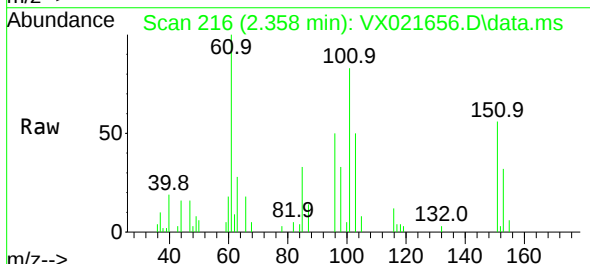
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

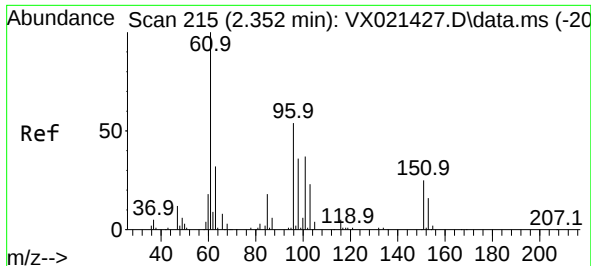
Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 67.9 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.97 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion: 101 Resp: 3493
Ion Ratio Lower Upper
101 100
85 46.8 34.9 52.3
151 70.5 61.4 92.2





#12

1,1-Dichloroethene

Concen: 3.17 ug/l

RT: 2.352 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX021656.D

Acq: 31 Mar 2021 02:14

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20210325DL

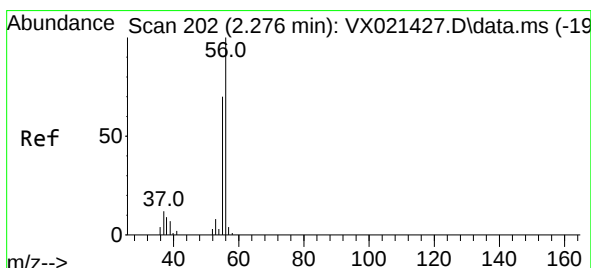
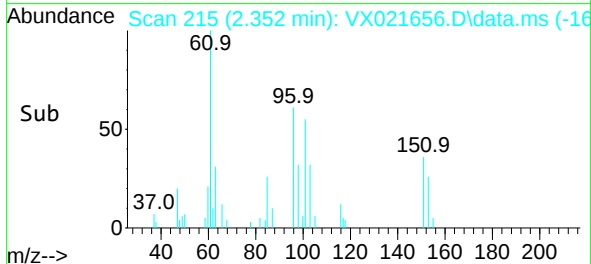
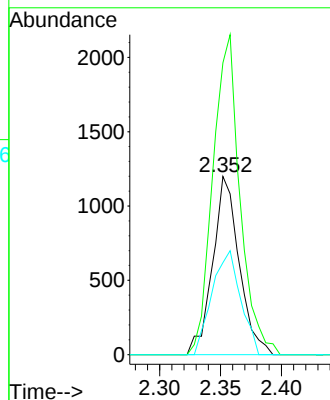
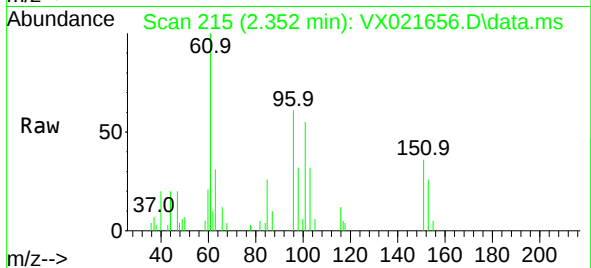
Tgt Ion: 96 Resp: 1817

Ion Ratio Lower Upper

96 100

61 163.8 124.6 187.0

98 51.6 50.6 76.0



#13

Acrolein

Concen: 4.52 ug/l

RT: 2.381 min Scan# 220

Delta R.T. 0.105 min

Lab File: VX021656.D

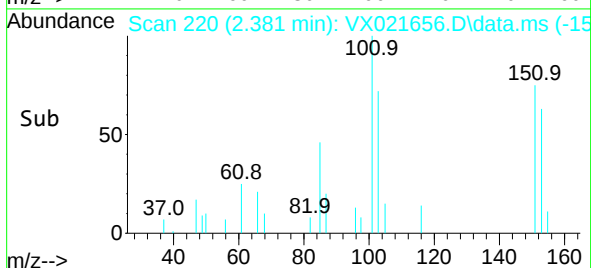
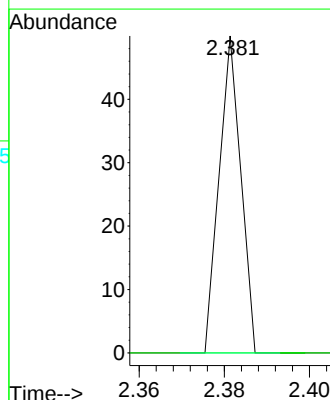
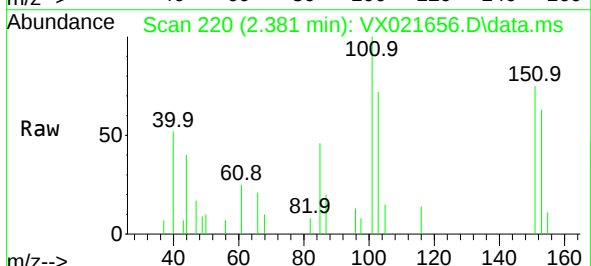
Acq: 31 Mar 2021 02:14

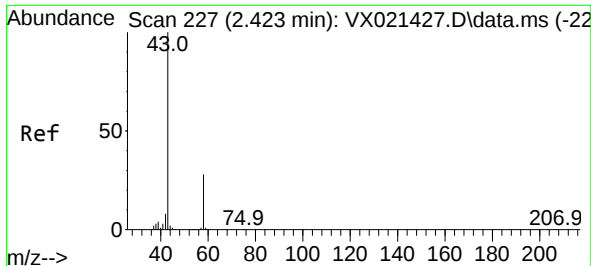
Tgt Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#

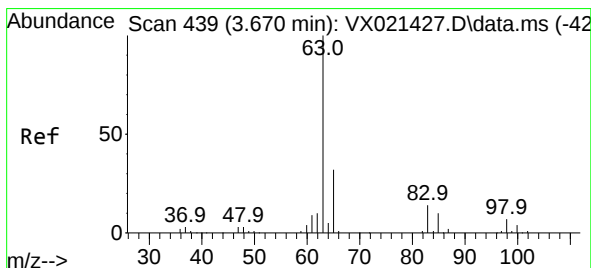
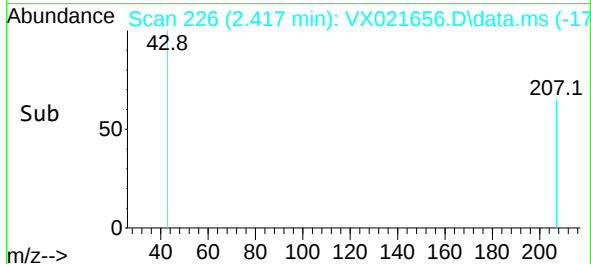
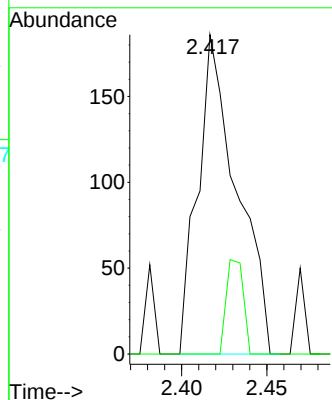
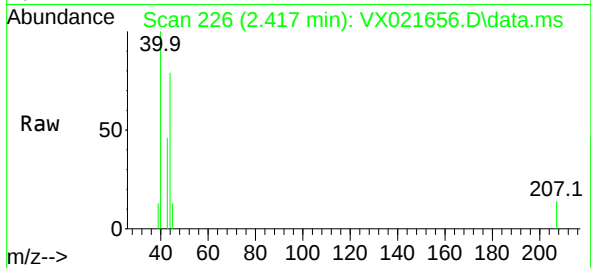




#16
Acetone
Concen: 0.83 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

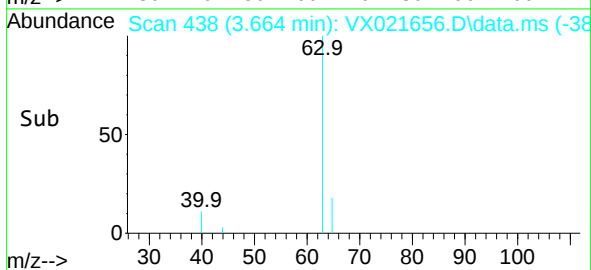
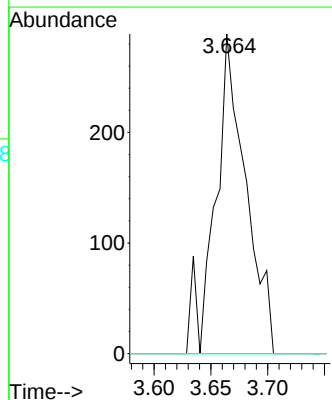
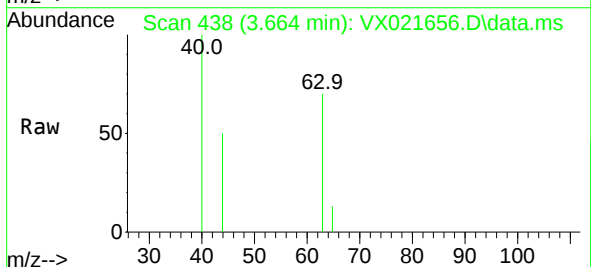
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

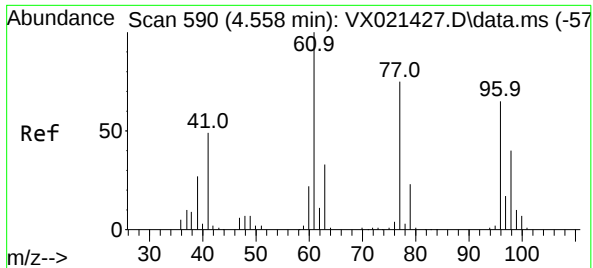
Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#24
1,1-Dichloroethane
Concen: 0.45 ug/l
RT: 3.664 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion: 63 Resp: 544
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: 0.56 ug/l

RT: 4.570 min Scan# 592

Delta R.T. 0.012 min

Lab File: VX021656.D

Acq: 31 Mar 2021 02:14

Tgt Ion: 96 Resp: 407

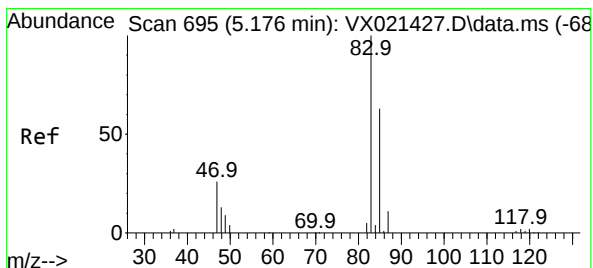
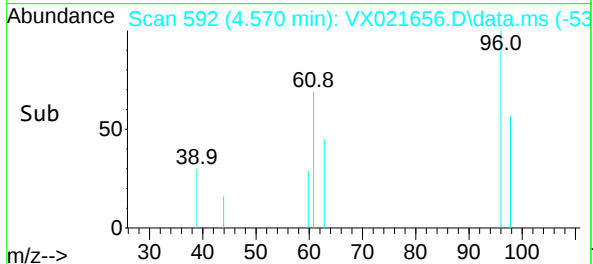
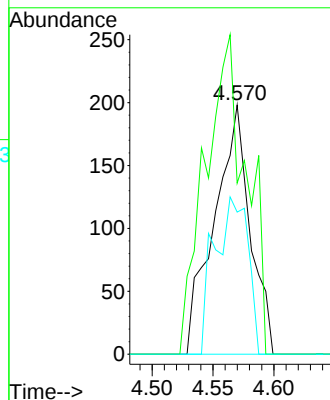
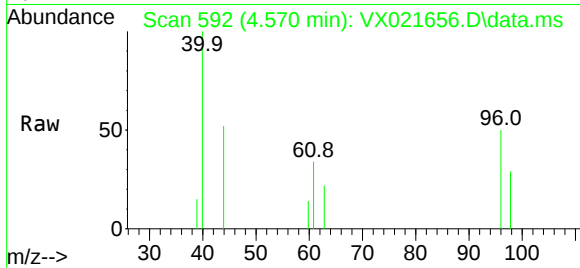
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	285.6
98	58.7	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20210325DL



#30

Chloroform

Concen: 0.22 ug/l

RT: 5.176 min Scan# 695

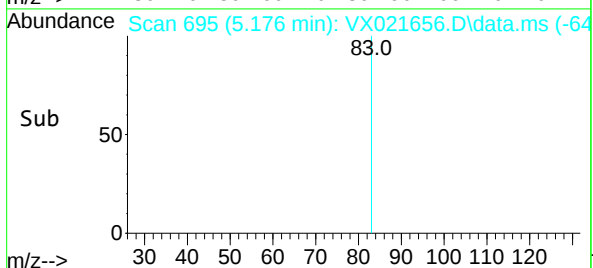
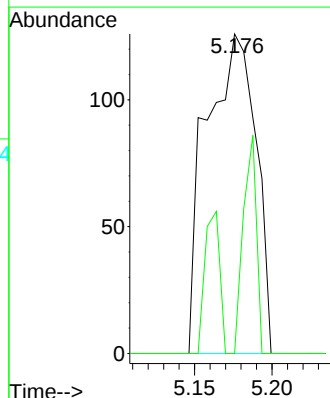
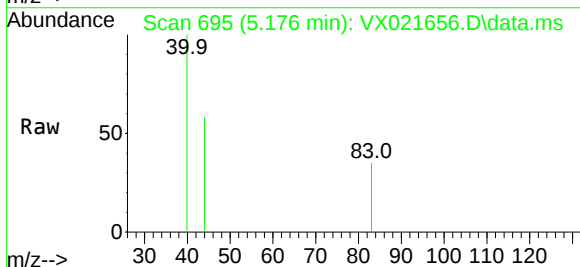
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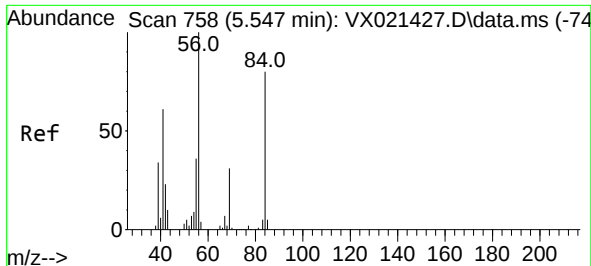
Lab File: VX021656.D

Acq: 31 Mar 2021 02:14

Tgt Ion: 83 Resp: 279

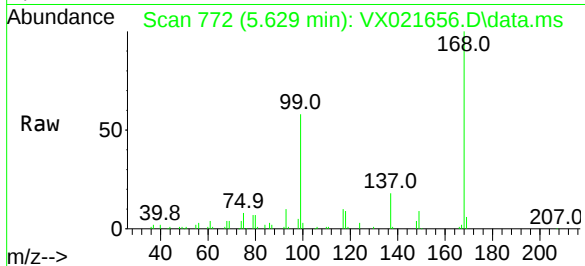
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.0	78.0#



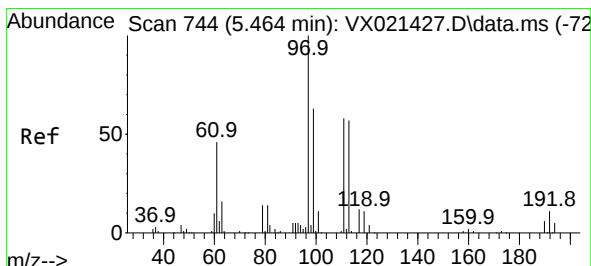
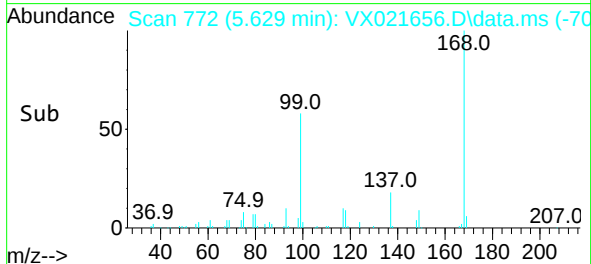
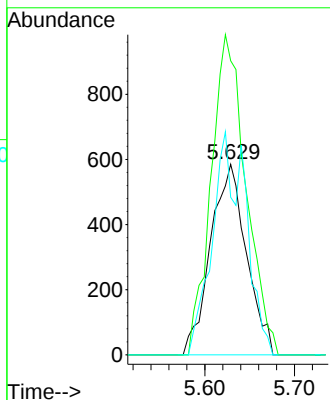


#31
Cyclohexane
Concen: 1.56 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

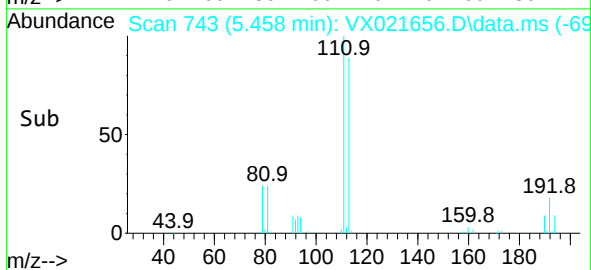
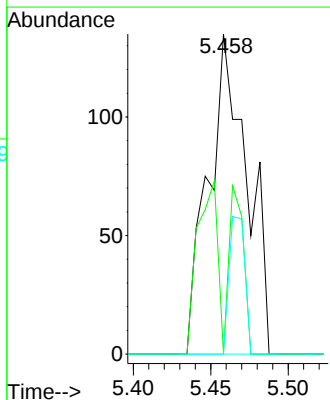
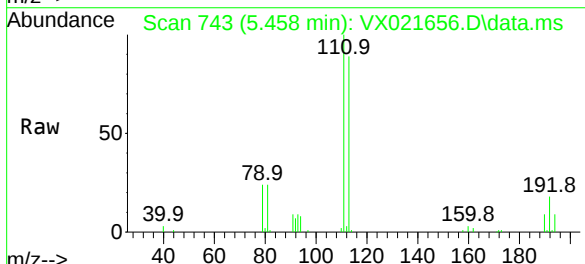


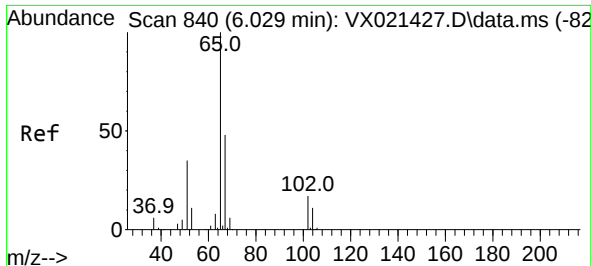
Tgt Ion: 56 Resp: 1623
Ion Ratio Lower Upper
56 100
69 154.4 25.3 37.9#
84 82.7 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.20 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion: 97 Resp: 233
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: 52.94 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021656.D

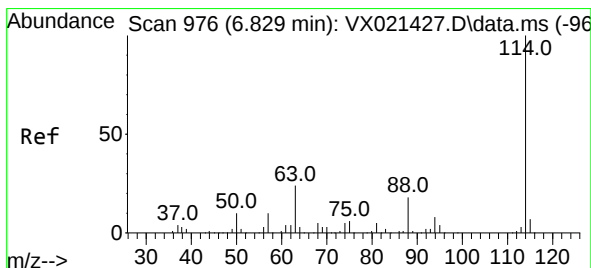
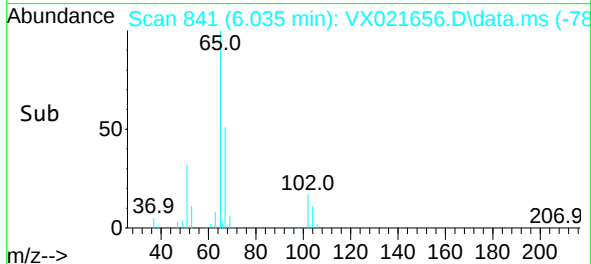
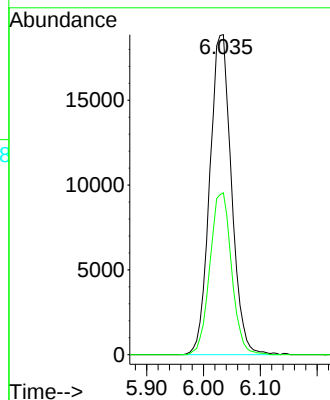
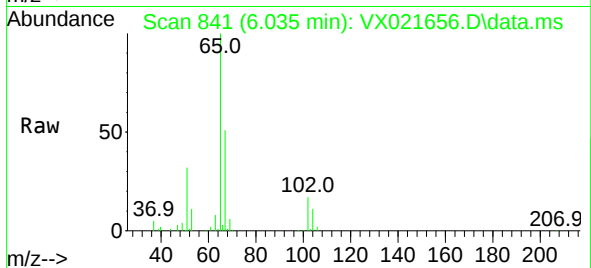
Acq: 31 Mar 2021 02:14

Tgt Ion: 65 Resp: 50112

Ion Ratio Lower Upper

65 100

67 50.4 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: VX021656.D

Acq: 31 Mar 2021 02:14

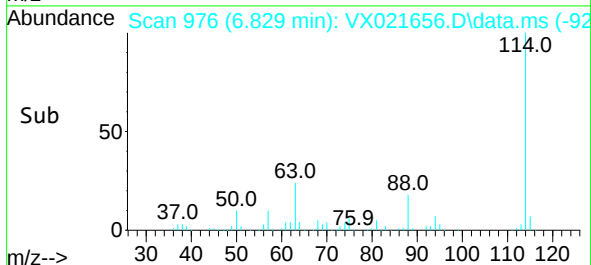
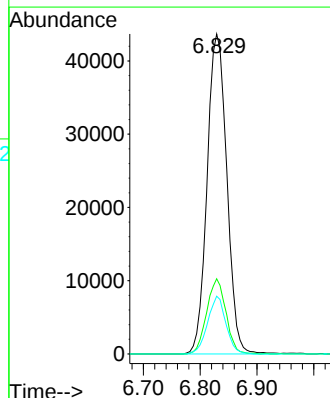
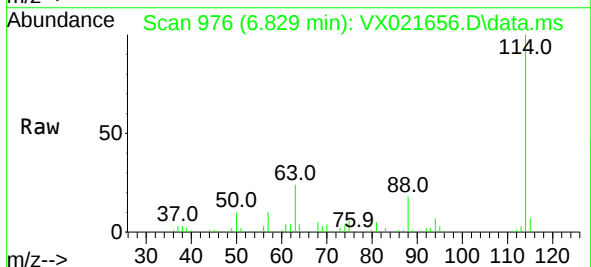
Tgt Ion: 114 Resp: 105273

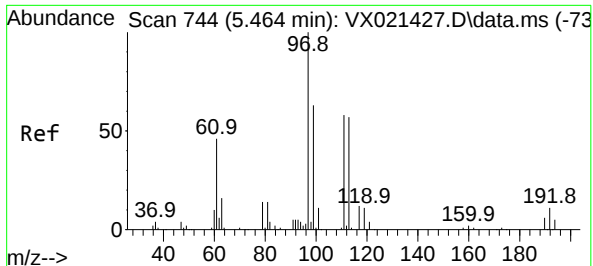
Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.8

88 18.1 0.0 32.8

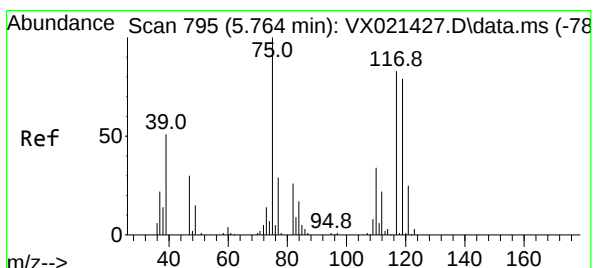
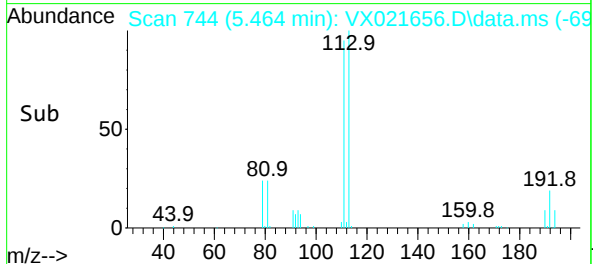
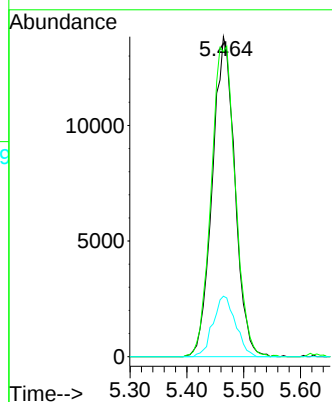
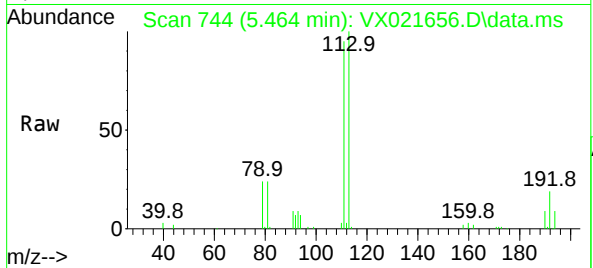




#35
Dibromofluoromethane
Concen: 51.03 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

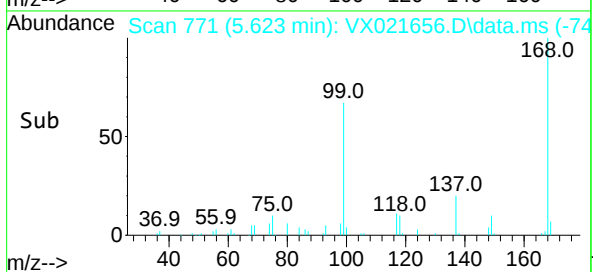
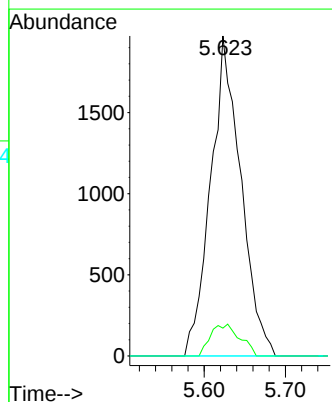
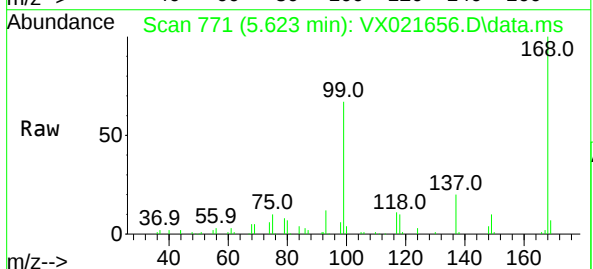
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

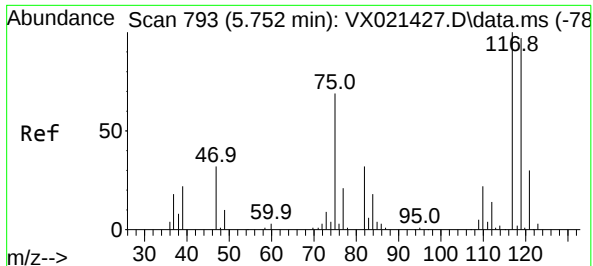
Tgt Ion:113 Resp: 38160
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 18.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion: 75 Resp: 5090
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#

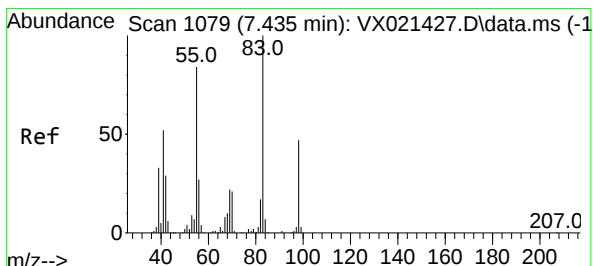
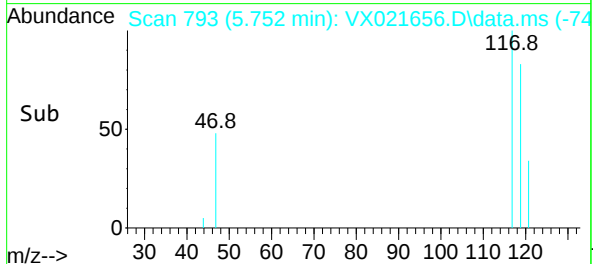
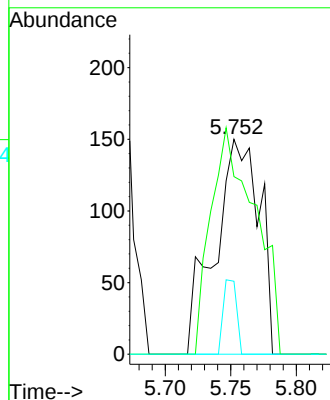
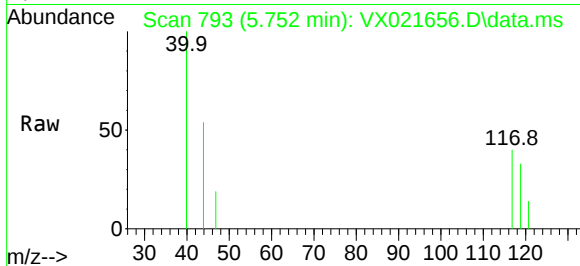




#38
Carbon Tetrachloride
Concen: 0.32 ug/l
RT: 5.752 min Scan# 793
Delta R.T. 0.000 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

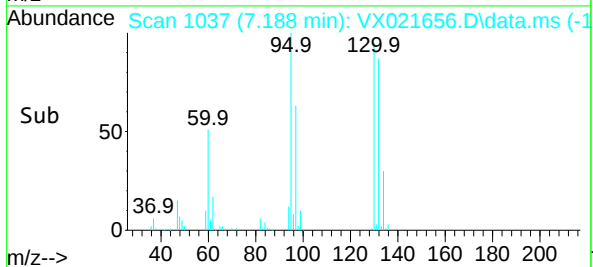
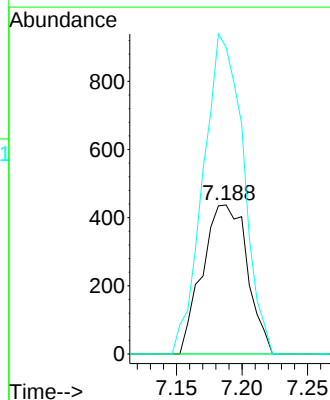
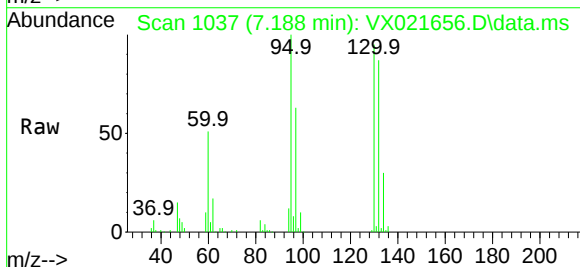
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

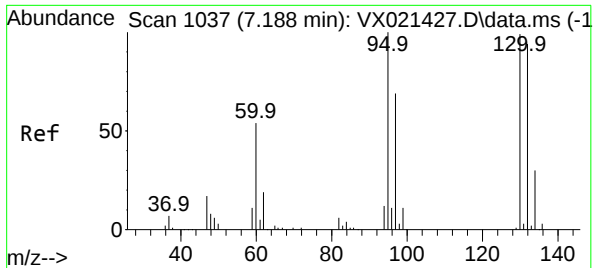
Tgt Ion:117 Resp: 357
Ion Ratio Lower Upper
117 100
119 82.7 76.2 114.2
121 34.0 24.8 37.2



#39
Methylcyclohexane
Concen: 0.91 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.247 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion: 83 Resp: 1042
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 205.9 38.1 57.1#

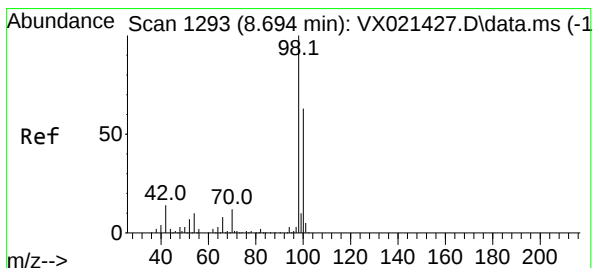
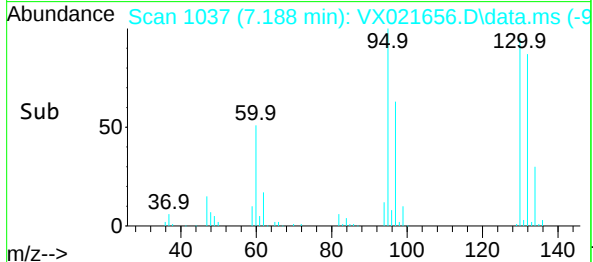
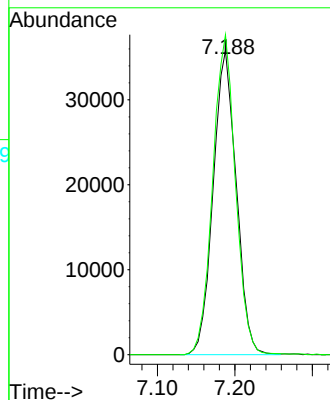
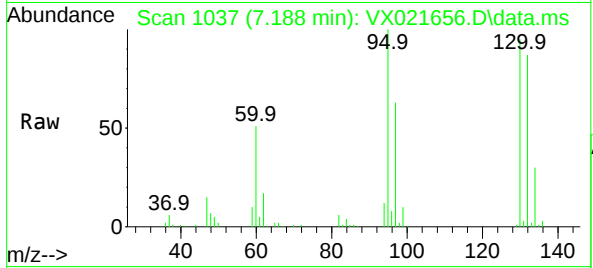




#44
Trichloroethene
Concen: 95.83 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

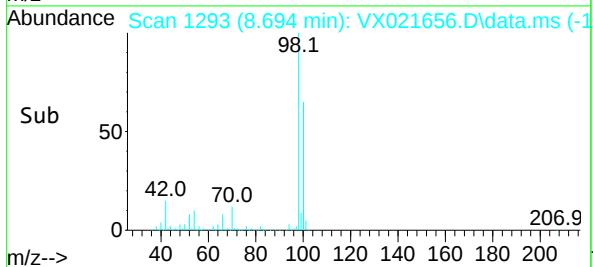
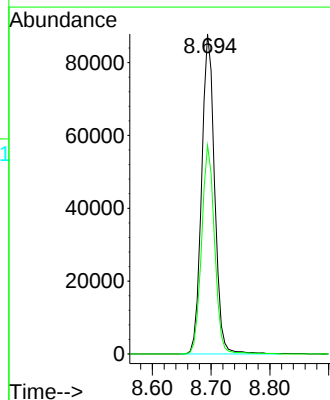
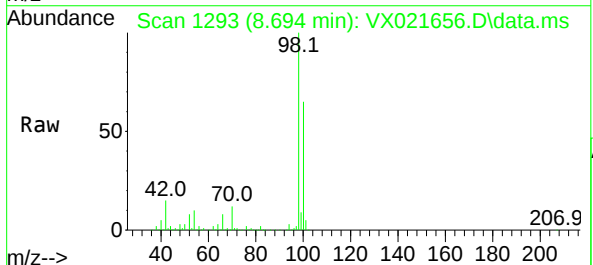
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

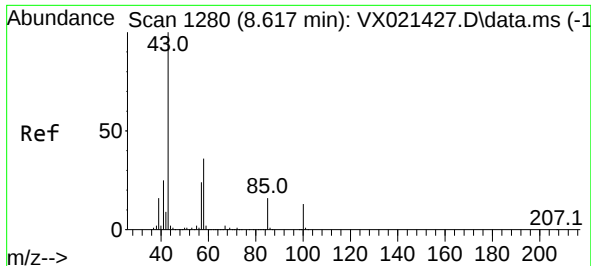
Tgt Ion:130 Resp: 74076
Ion Ratio Lower Upper
130 100
95 105.2 0.0 198.0



#50
Toluene-d8
Concen: 50.49 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion: 98 Resp: 134544
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

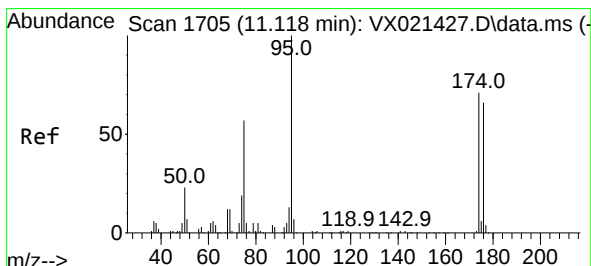
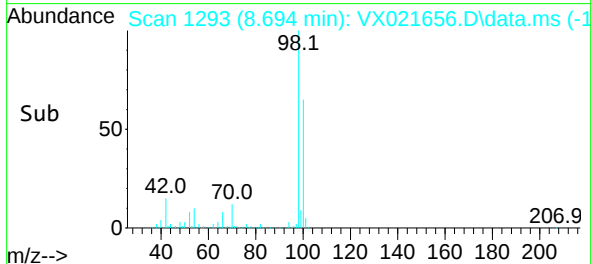
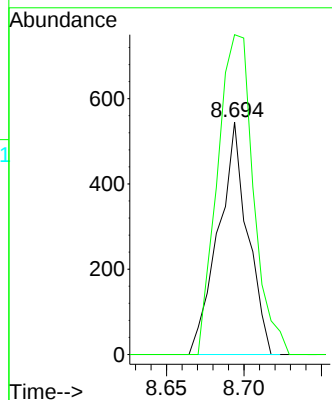
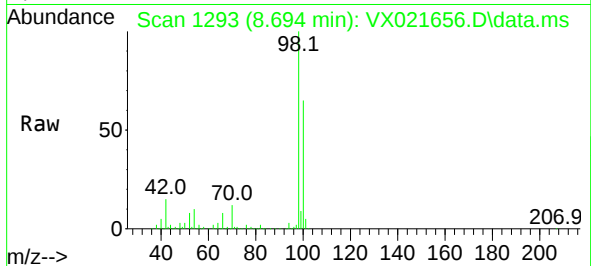




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

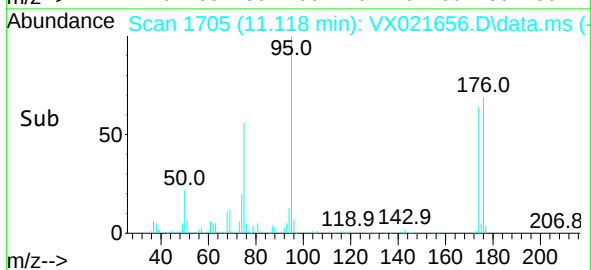
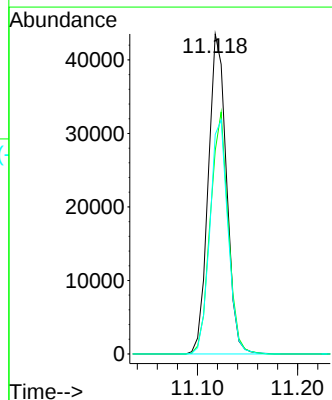
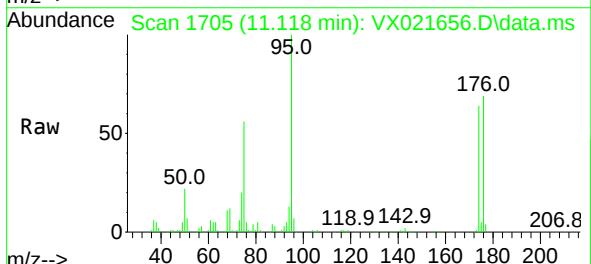
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

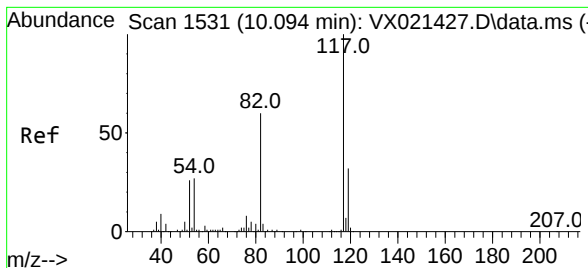
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 168.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 53.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion: 95 Resp: 54914
Ion Ratio Lower Upper
95 100
174 74.1 0.0 154.6
176 72.8 0.0 155.8

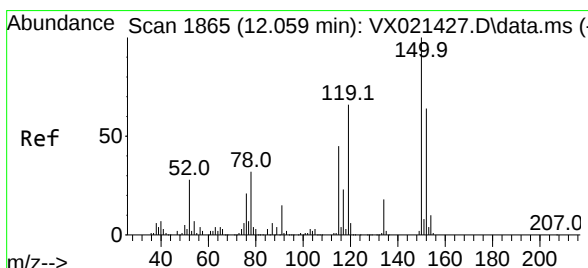
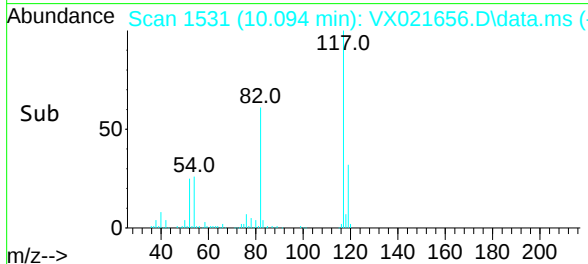
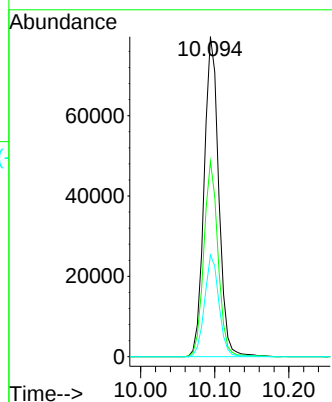
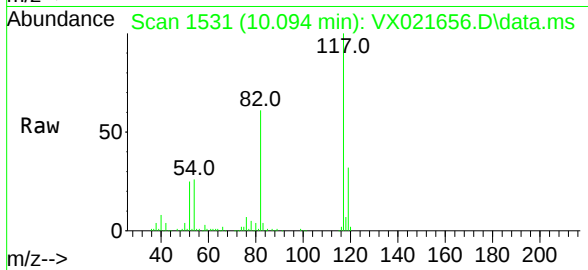




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

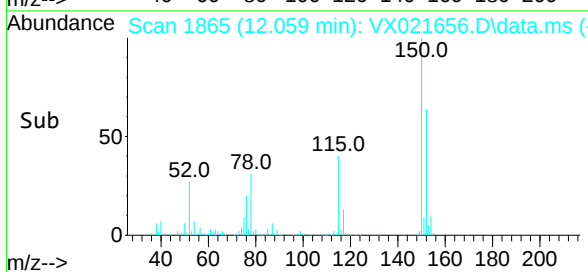
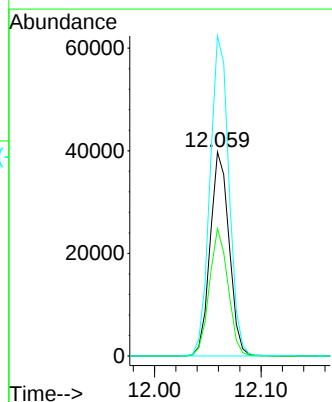
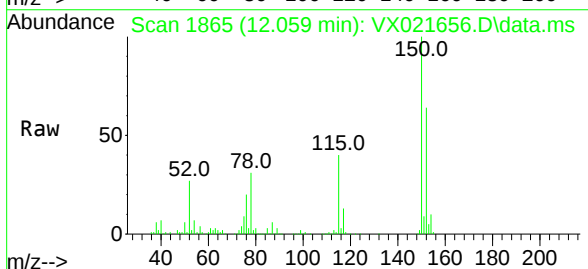
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

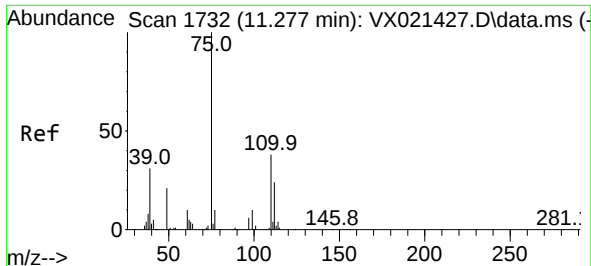
Tgt Ion:117 Resp: 109443
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion:152 Resp: 49009
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 157.0 0.0 349.0

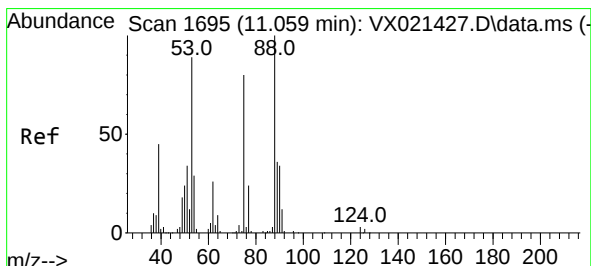
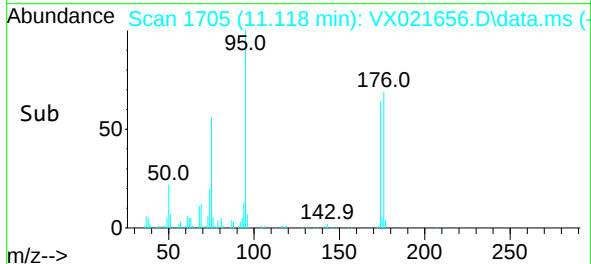
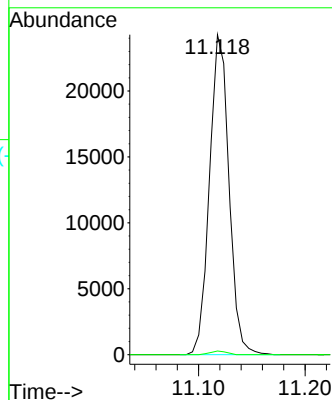
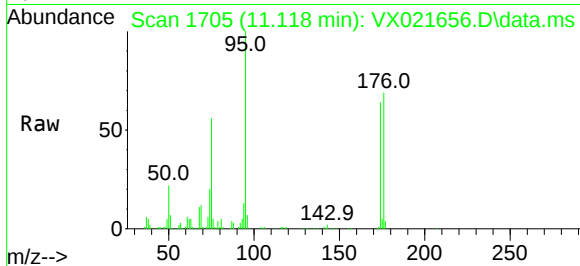




#76
1,2,3-Trichloropropane
Concen: 27.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210325DL

Tgt Ion: 75 Resp: 30815
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.27 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021656.D
Acq: 31 Mar 2021 02:14

Tgt Ion: 75 Resp: 30815
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

