

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021655.D
 Acq On : 31 Mar 2021 01:51
 Operator : JC/MD
 Sample : M1843-17DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20210325DL

Quant Time: Mar 31 06:12:07 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)

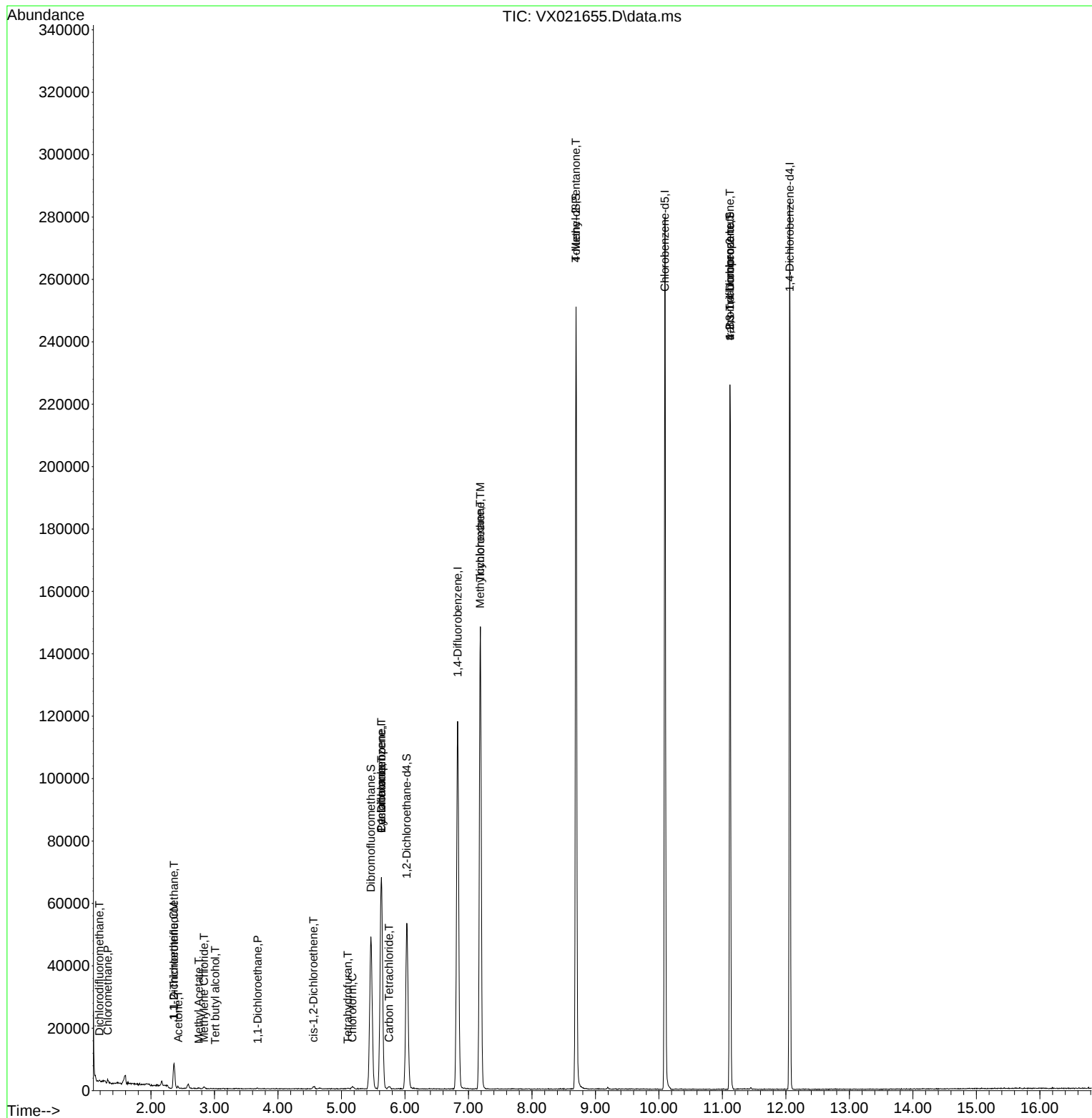
Internal Standards						
1) Pentafluorobenzene	5.629	168	59042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	108615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52419	53.36	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 106.72%		
35) Dibromofluoromethane	5.464	113	39946	51.78	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 103.56%		
50) Toluene-d8	8.694	98	141676	51.53	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 103.06%		
62) 4-Bromofluorobenzene	11.118	95	57090	53.41	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 106.82%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	250	0.39	ug/l	86
3) Chloromethane	1.317	50	1525	2.08	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.364	101	2529	4.16	ug/l	97
11) Tert butyl alcohol	3.011	59	38	0.23	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	618	1.04	ug/l	90
16) Acetone	2.429	43	650	1.75	ug/l #	85
18) Methyl Acetate	2.752	43	235	0.22	ug/l #	47
20) Methylene Chloride	2.835	84	273	0.38	ug/l #	80
24) 1,1-Dichloroethane	3.682	63	261	0.21	ug/l #	81
27) cis-1,2-Dichloroethene	4.558	96	284	0.37	ug/l	47
29) Tetrahydrofuran	5.100	42	117	0.32	ug/l #	27
30) Chloroform	5.170	83	778	0.58	ug/l #	77
31) Cyclohexane	5.629	56	1709	1.58	ug/l #	40
36) 1,1-Dichloropropene	5.629	75	5379	5.05	ug/l #	49
38) Carbon Tetrachloride	5.747	117	497	0.43	ug/l #	66
39) Methylcyclohexane	7.182	83	717	0.61	ug/l #	1
44) Trichloroethene	7.188	130	52169	65.42	ug/l	95
51) 4-Methyl-2-Pentanone	8.694	43	848	0.69	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	32133	25.89	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32133	78.85	ug/l #	12

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

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DUP08-20210325DL

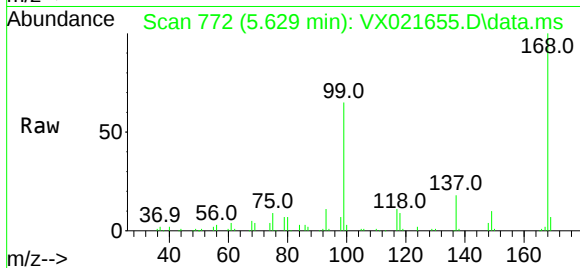
Quant Time: Mar 31 06:12:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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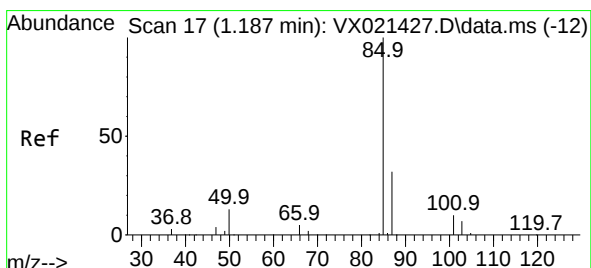
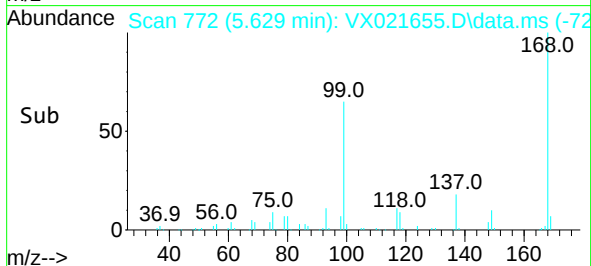
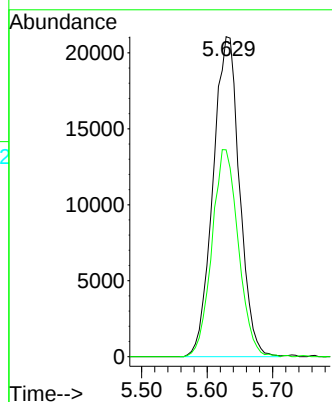


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

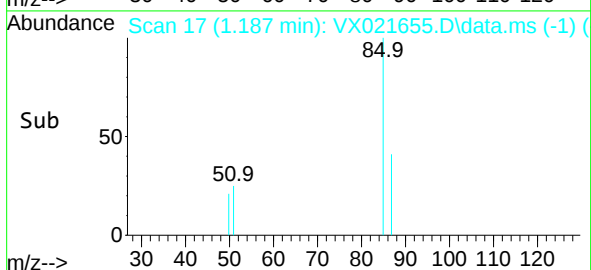
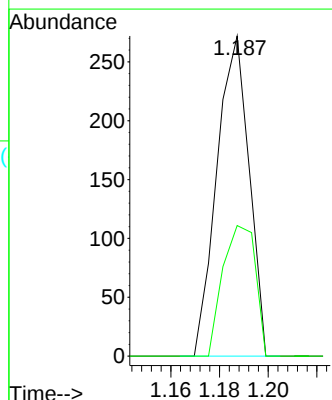
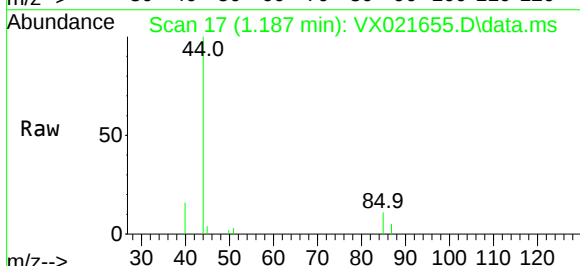


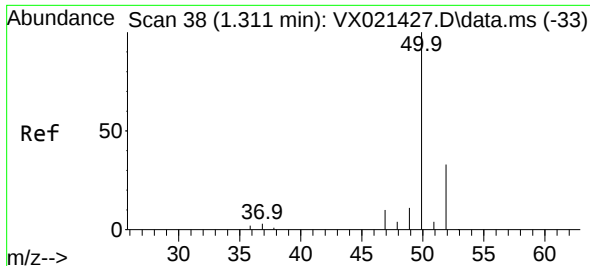
Tgt Ion:168 Resp: 59042
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.39 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 85 Resp: 250
Ion Ratio Lower Upper
85 100
87 40.8 16.4 49.2

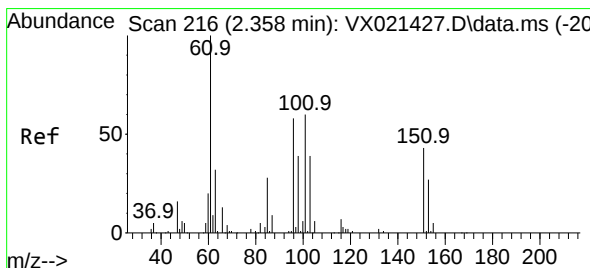
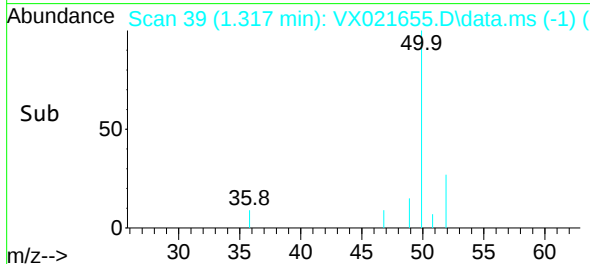
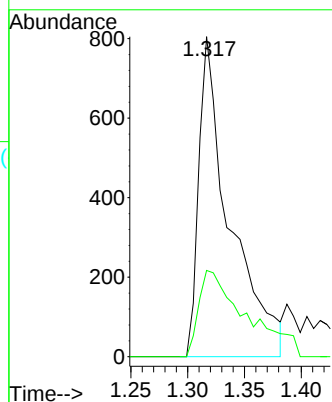
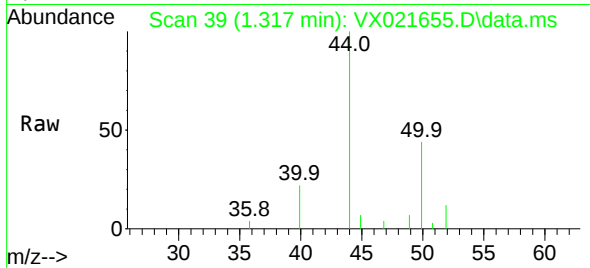




#3
Chloromethane
Concen: 2.08 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

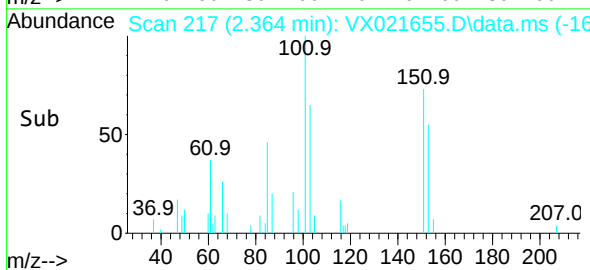
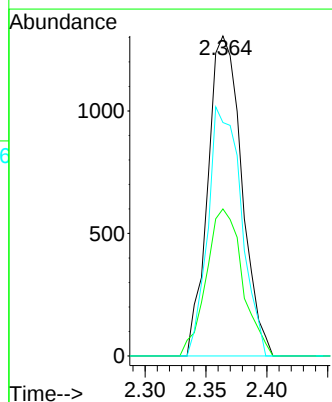
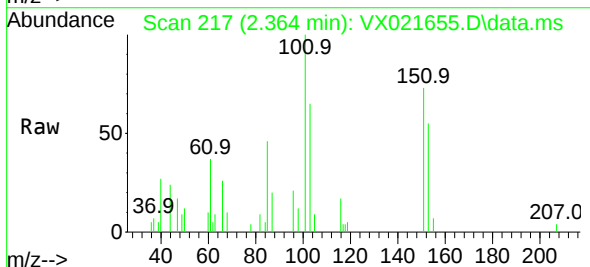
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

Tgt Ion: 50 Resp: 1525
Ion Ratio Lower Upper
50 100
52 27.0 26.4 39.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.16 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 101 Resp: 2529
Ion Ratio Lower Upper
101 100
85 49.0 34.9 52.3
151 76.5 61.4 92.2

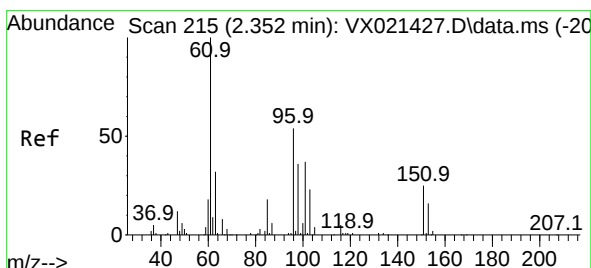
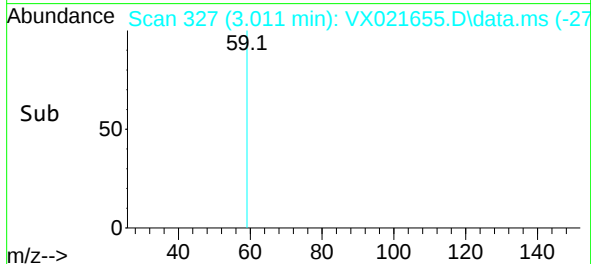
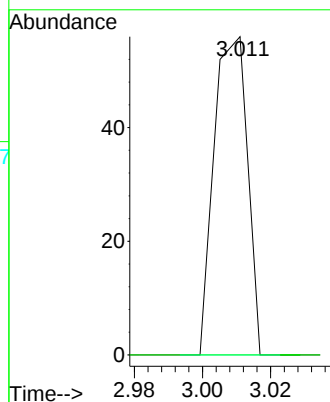
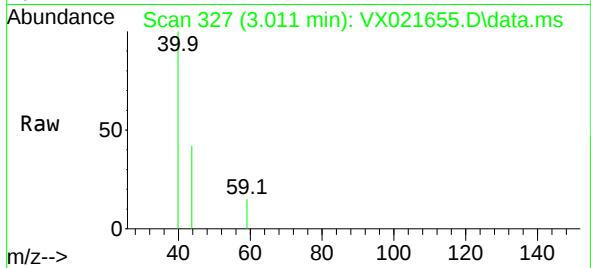




#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

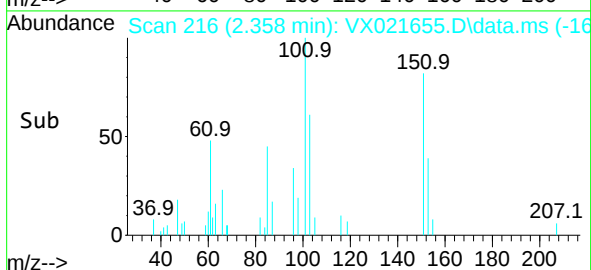
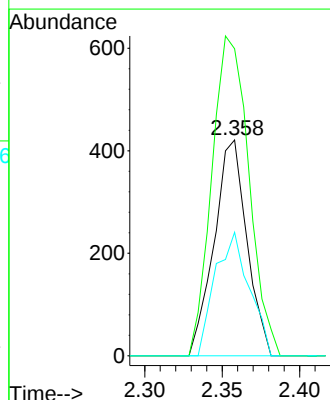
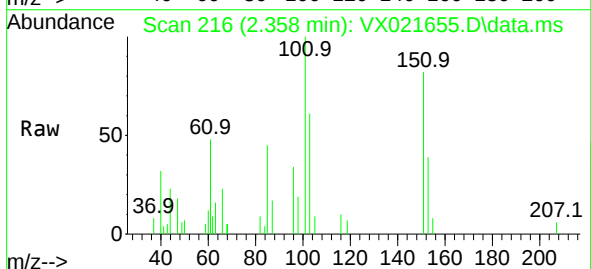
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

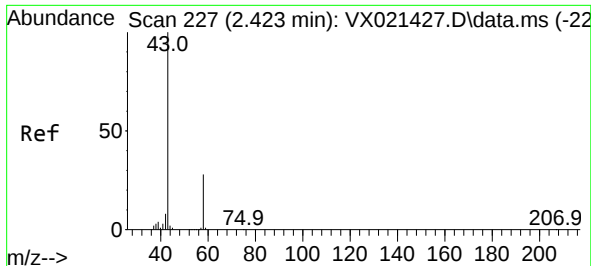
Tgt Ion: 59 Resp: 38
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.04 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

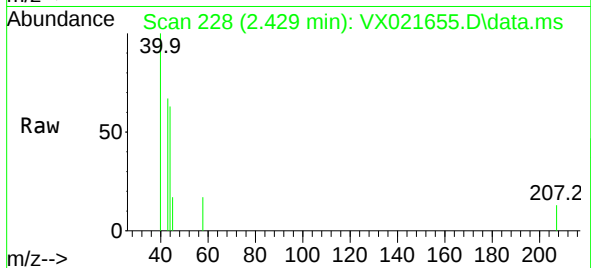
Tgt Ion: 96 Resp: 618
Ion Ratio Lower Upper
96 100
61 142.3 124.6 187.0
98 57.2 50.6 76.0



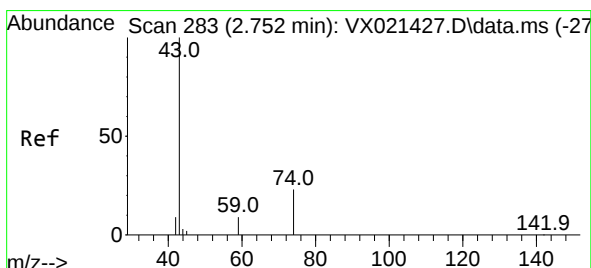
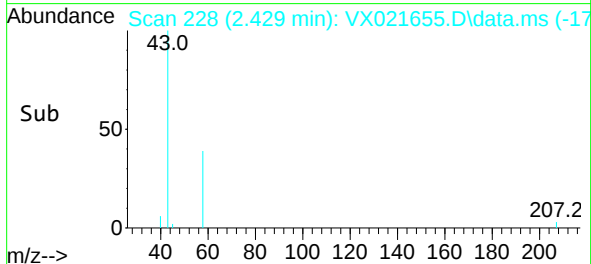
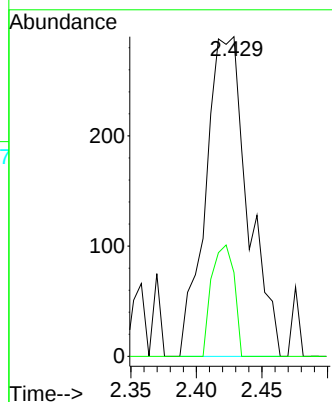


#16
Acetone
Concen: 1.75 ug/l
RT: 2.429 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

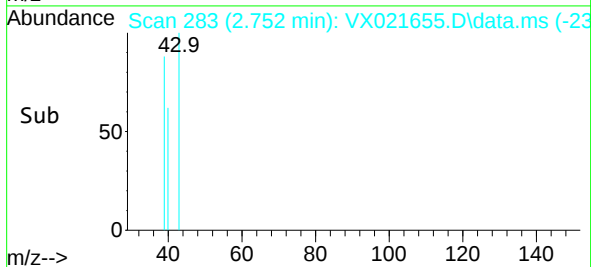
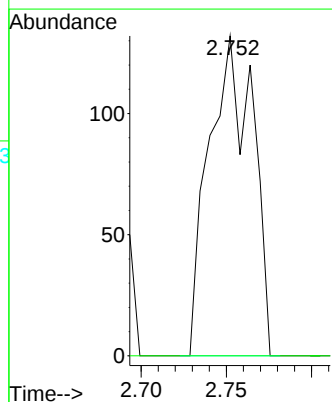
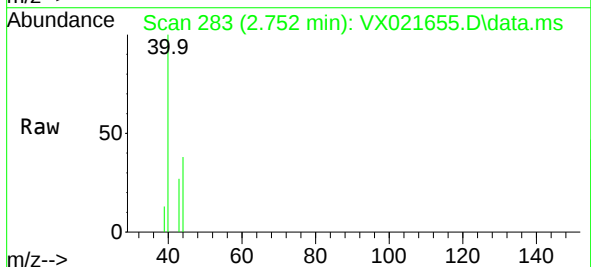


Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 26.2 27.8 41.8#



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



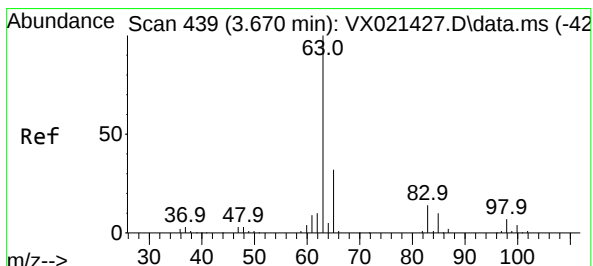
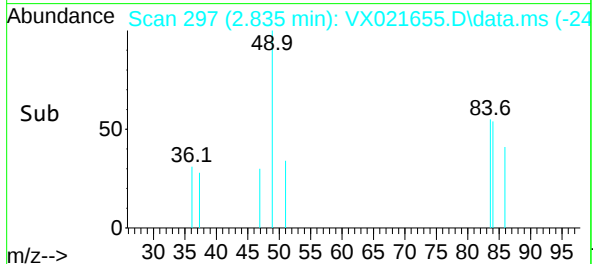
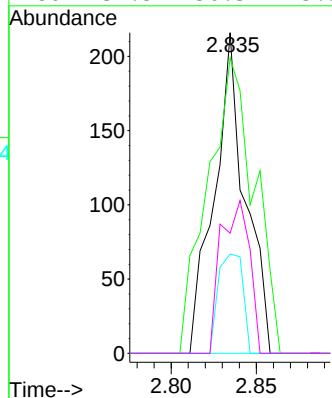
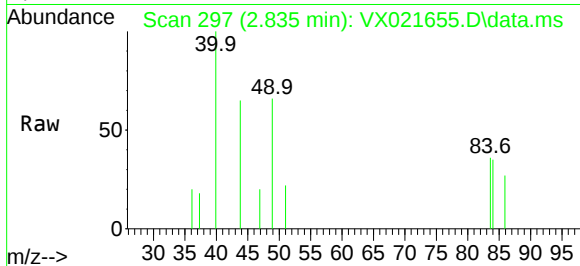


#20
Methylene Chloride
Concen: 0.38 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

Tgt Ion: 84 Resp: 273

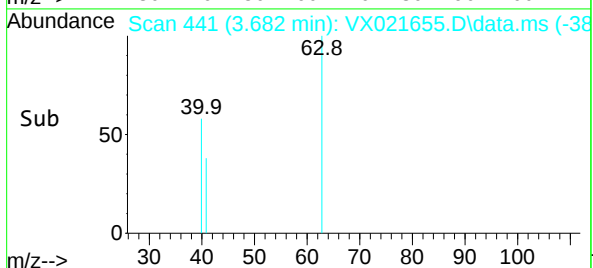
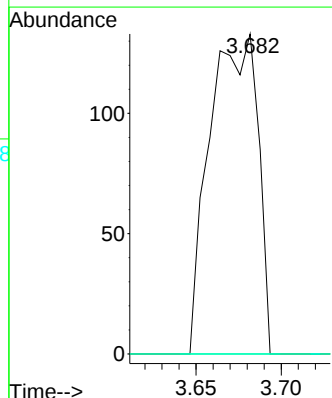
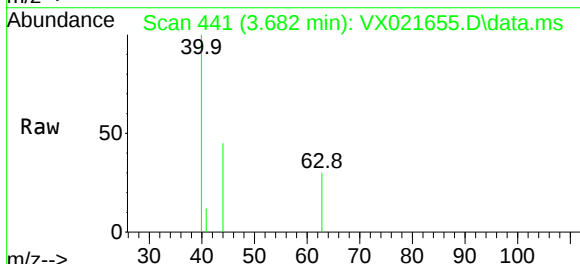
Ion	Ratio	Lower	Upper
84	100		
49	92.1	88.6	132.8
51	31.0	27.0	40.6
86	37.5	50.3	75.5#

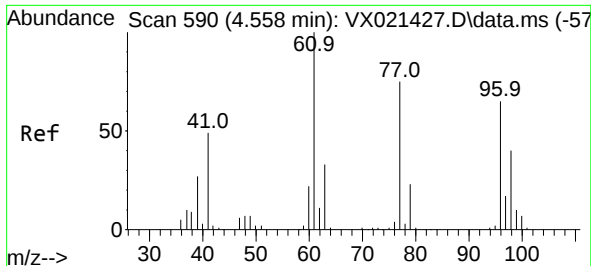


#24
1,1-Dichloroethane
Concen: 0.21 ug/l
RT: 3.682 min Scan# 441
Delta R.T. 0.012 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 63 Resp: 261

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: 0.37 ug/l

RT: 4.558 min Scan# 590

Delta R.T. 0.000 min

Lab File: VX021655.D

Acq: 31 Mar 2021 01:51

Tgt Ion: 96 Resp: 284

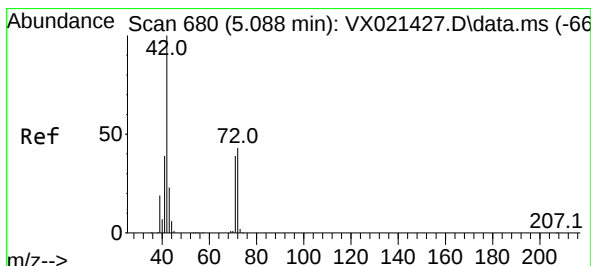
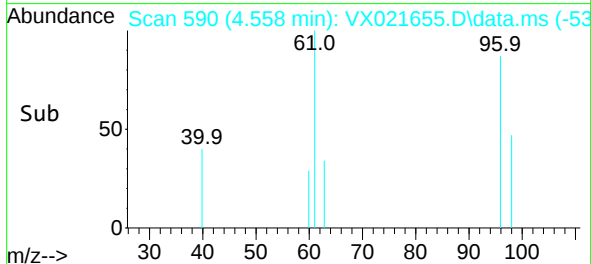
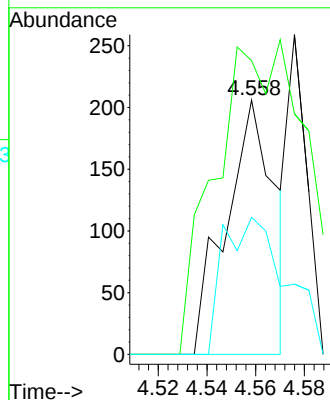
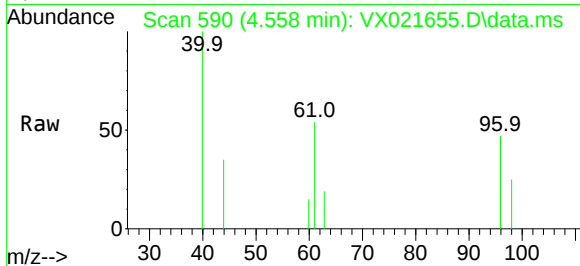
Ion	Ratio	Lower	Upper
96	100		
61	233.8	0.0	285.6
98	70.1	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

DUP08-20210325DL



#29

Tetrahydrofuran

Concen: 0.32 ug/l

RT: 5.100 min Scan# 682

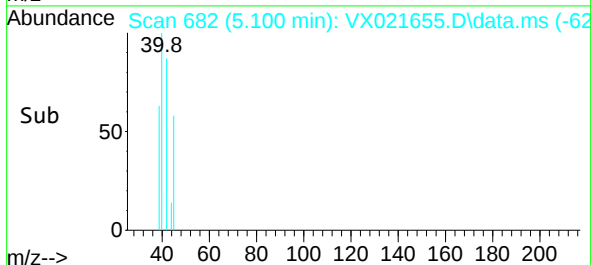
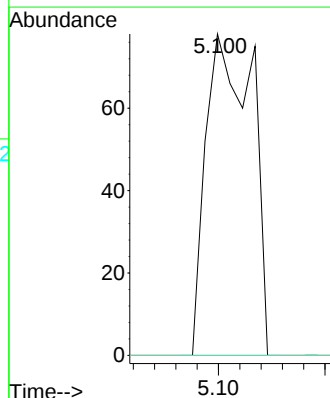
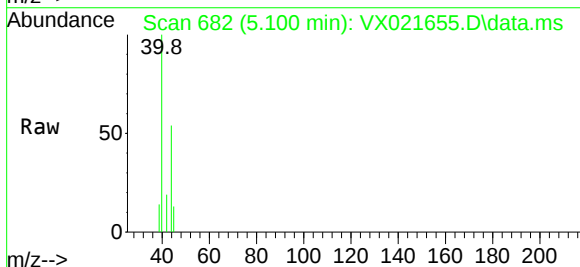
Delta R.T. 0.012 min

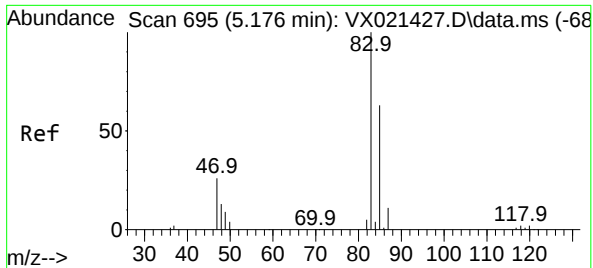
Lab File: VX021655.D

Acq: 31 Mar 2021 01:51

Tgt Ion: 42 Resp: 117

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

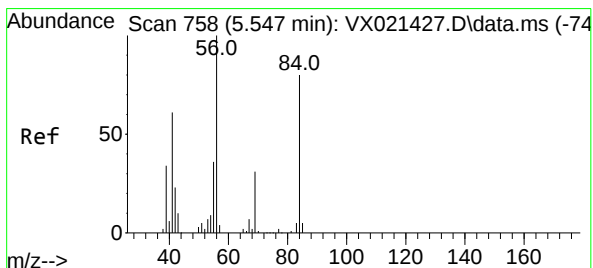
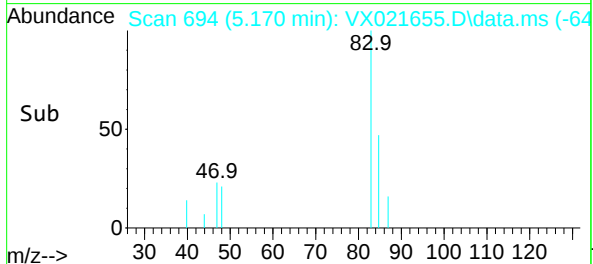
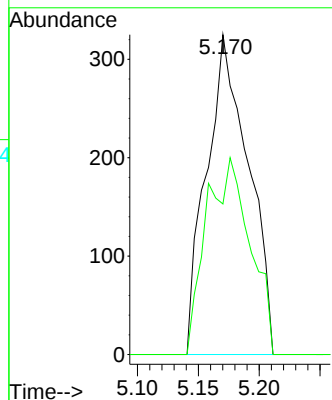
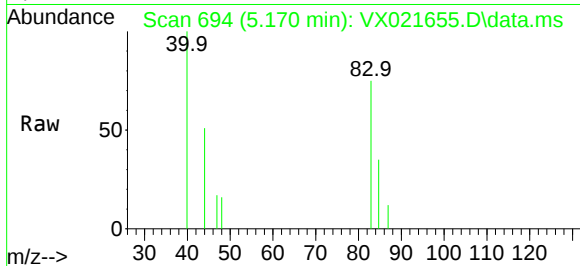




#30
Chloroform
Concen: 0.58 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

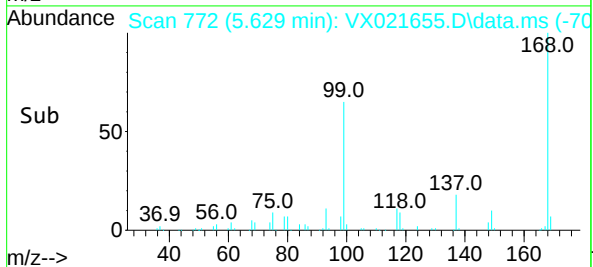
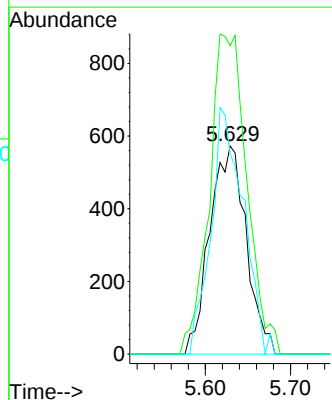
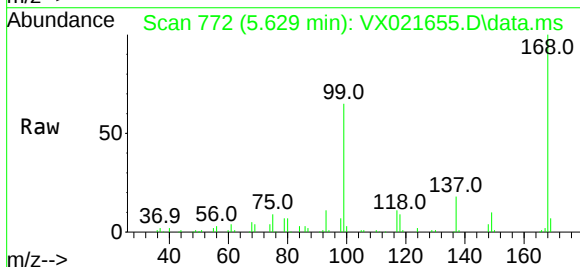
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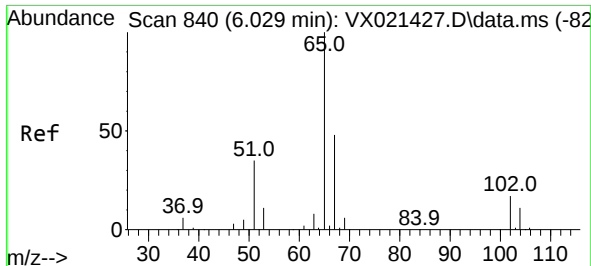
Tgt Ion: 83 Resp: 778
Ion Ratio Lower Upper
83 100
85 47.1 52.0 78.0#



#31
Cyclohexane
Concen: 1.58 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 56 Resp: 1709
Ion Ratio Lower Upper
56 100
69 148.2 25.3 37.9#
84 96.2 71.4 107.0

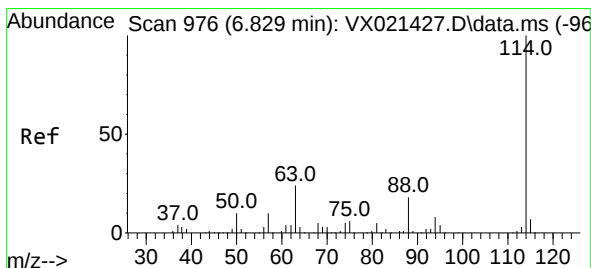
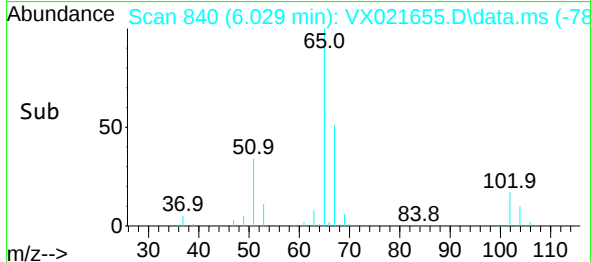
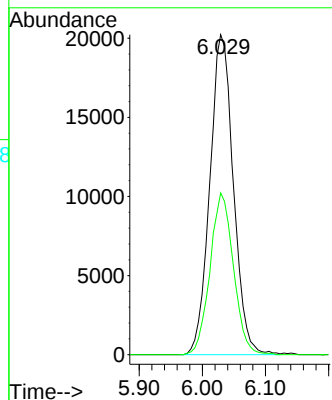
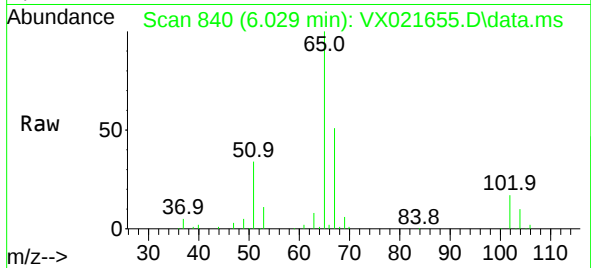




#33
 1,2-Dichloroethane-d4
 Concen: 53.36 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021655.D
 Acq: 31 Mar 2021 01:51

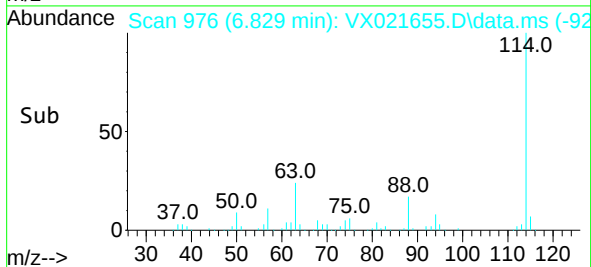
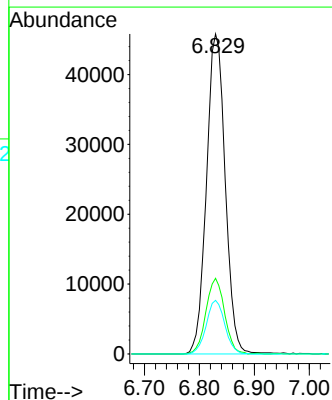
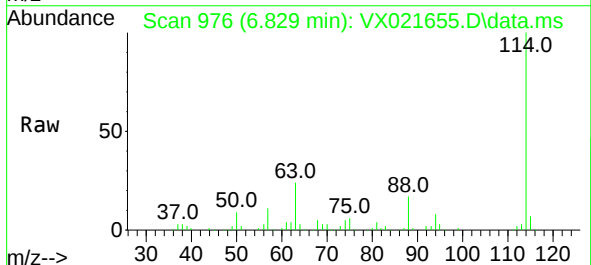
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20210325DL

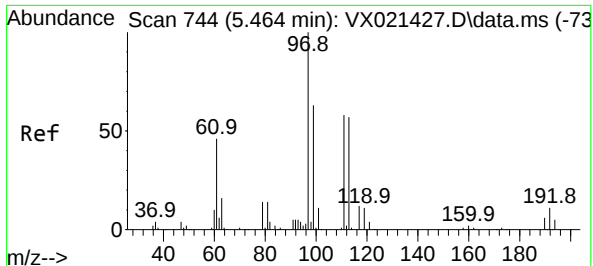
Tgt Ion: 65 Resp: 52419
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021655.D
 Acq: 31 Mar 2021 01:51

Tgt Ion: 114 Resp: 108615
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 40.8
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.78 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021655.D

Acq: 31 Mar 2021 01:51

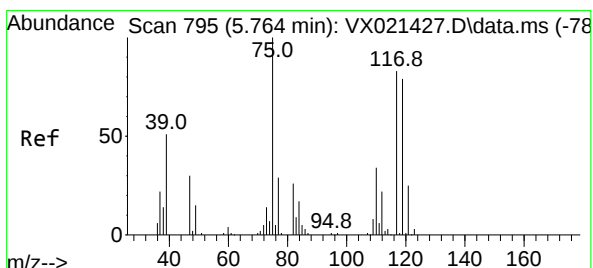
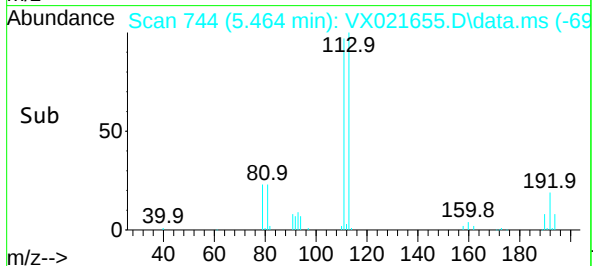
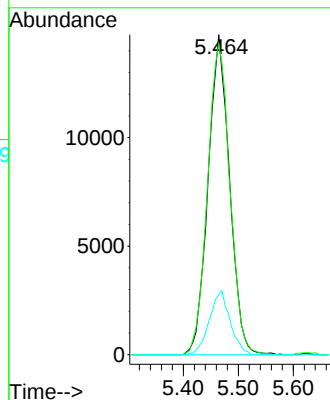
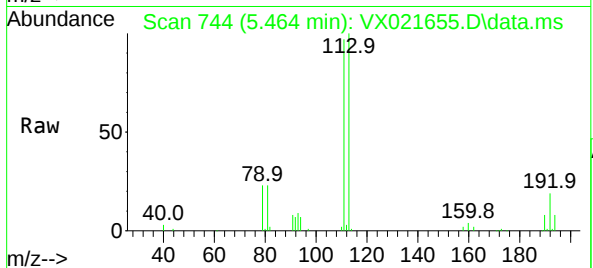
Tgt Ion:	113	Resp:	39946
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	19.3	16.7	25.1

Instrument :

MSVOA_X

ClientSampleId :

DUP08-20210325DL



#36

1,1-Dichloropropene

Concen: 5.05 ug/l

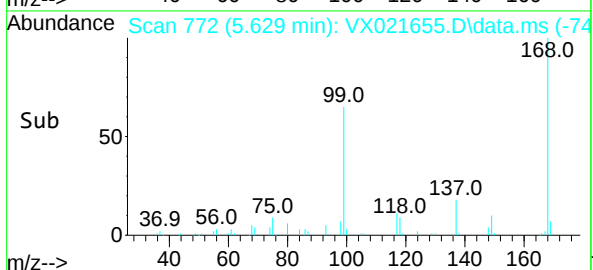
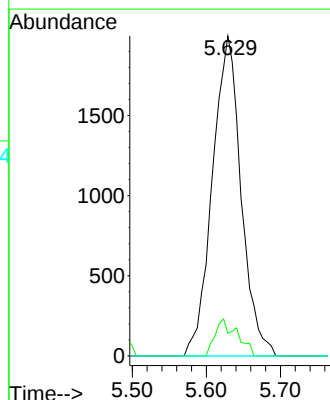
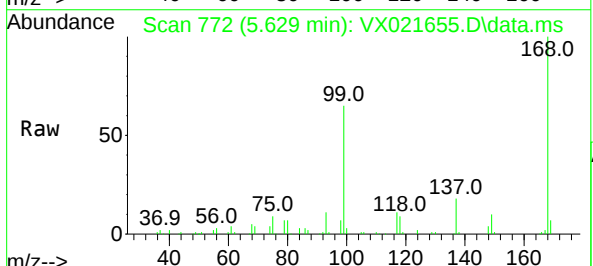
RT: 5.629 min Scan# 772

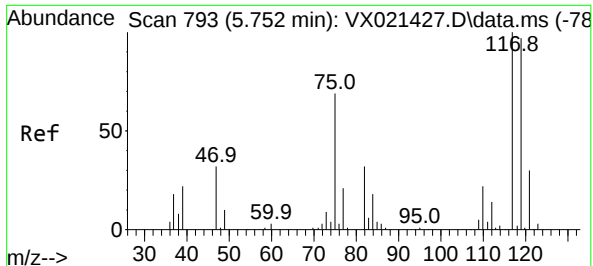
Delta R.T. -0.135 min

Lab File: VX021655.D

Acq: 31 Mar 2021 01:51

Tgt Ion:	75	Resp:	5379
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#

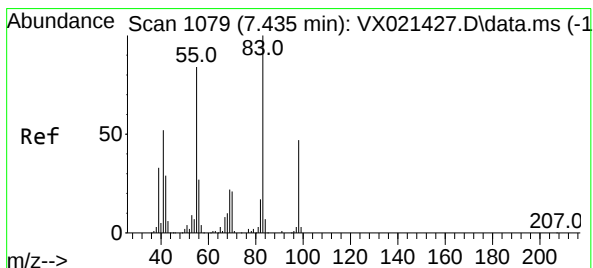
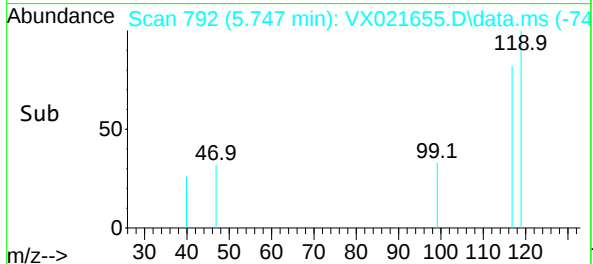
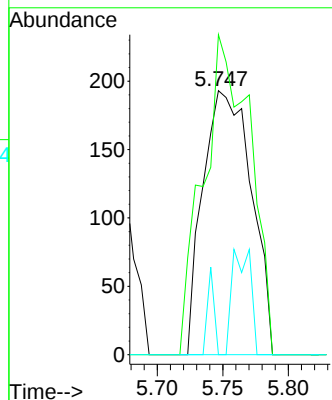
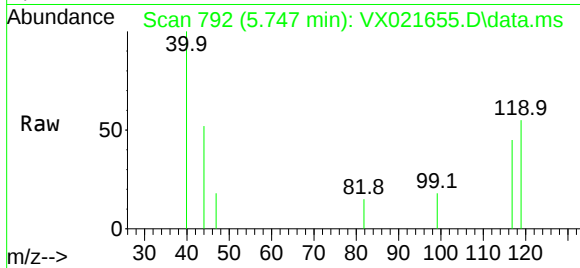




#38
Carbon Tetrachloride
Concen: 0.43 ug/l
RT: 5.747 min Scan# 792
Delta R.T. -0.005 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

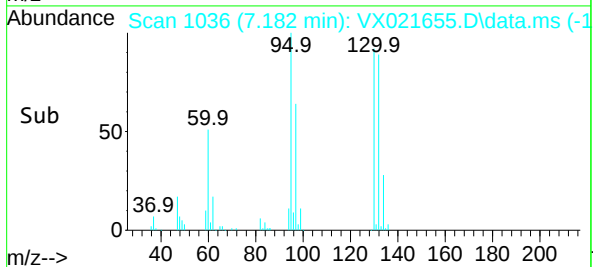
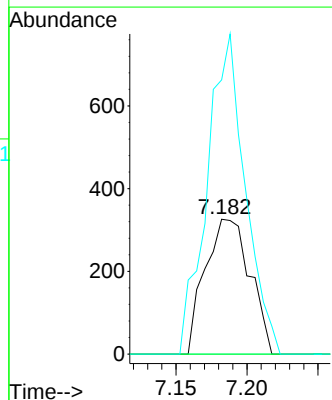
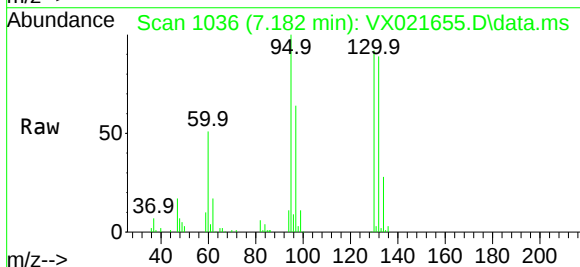
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

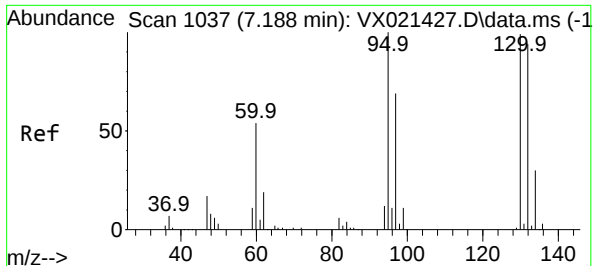
Tgt Ion:117 Resp: 497
Ion Ratio Lower Upper
117 100
119 121.2 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.61 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.253 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 83 Resp: 717
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 203.4 38.1 57.1#

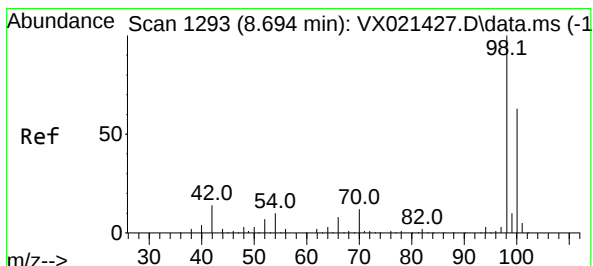
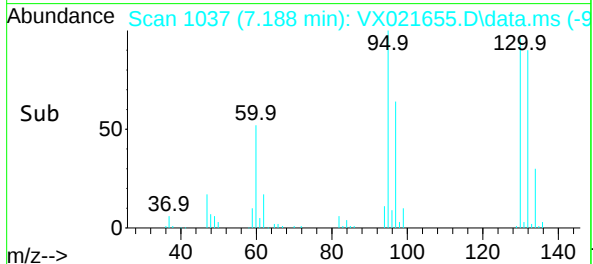
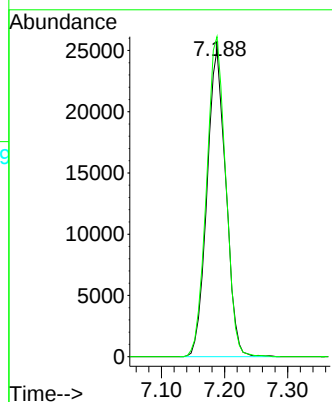
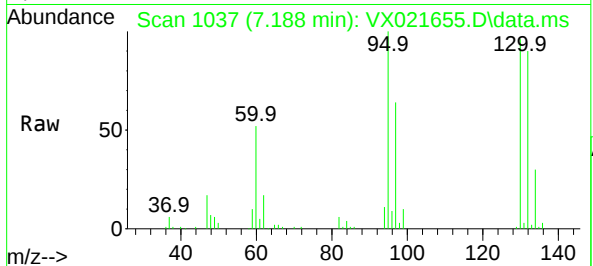




#44
Trichloroethene
Concen: 65.42 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

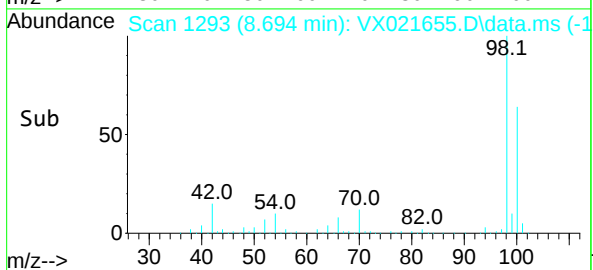
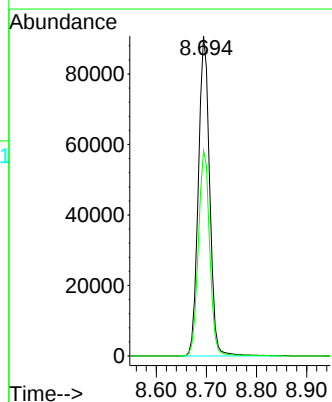
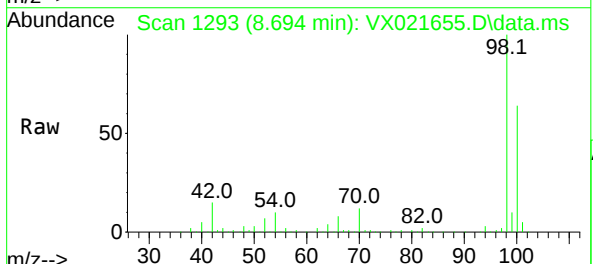
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

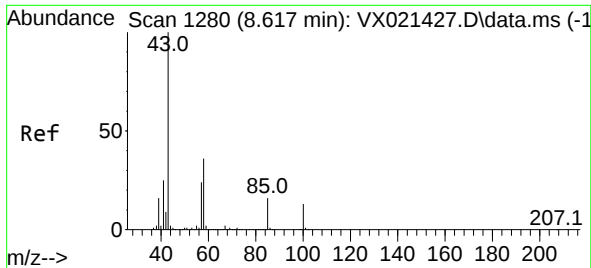
Tgt Ion:130 Resp: 52169
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.0



#50
Toluene-d8
Concen: 51.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 98 Resp: 141676
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

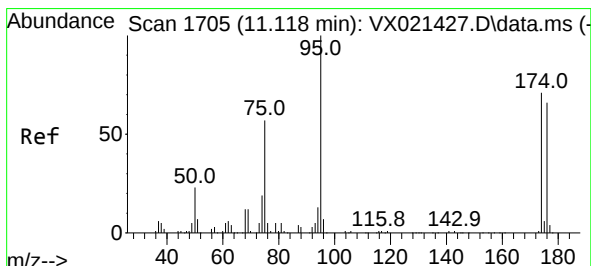
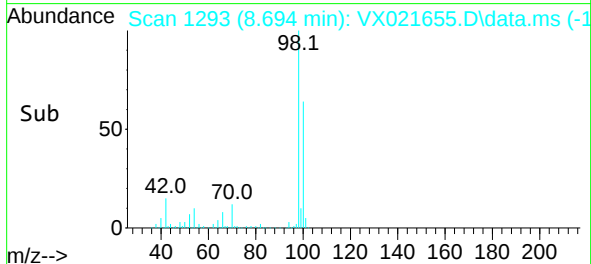
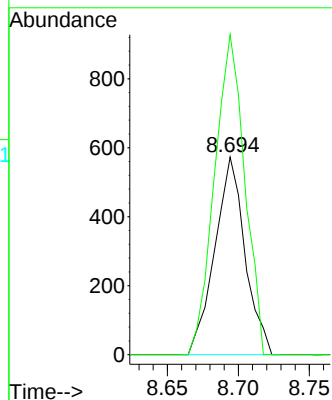
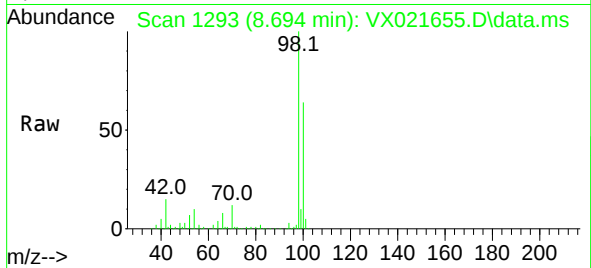




#51
4-Methyl-2-Pentanone
Concen: 0.69 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

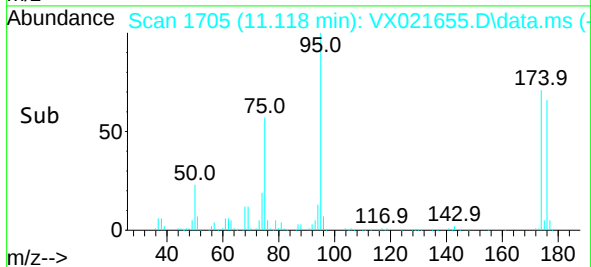
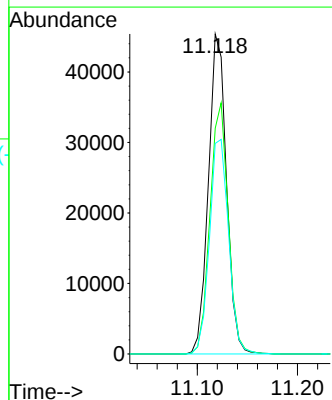
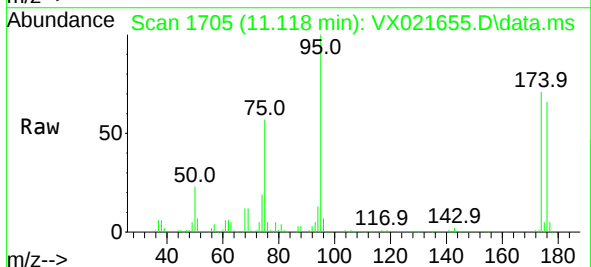
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

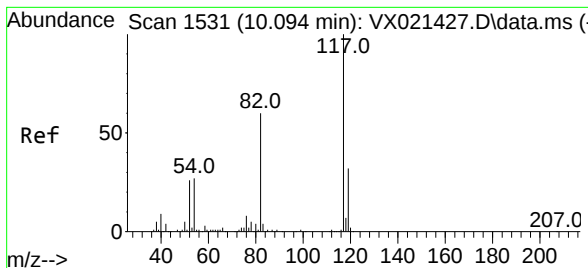
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 161.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 53.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 95 Resp: 57090
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 71.0 0.0 155.8

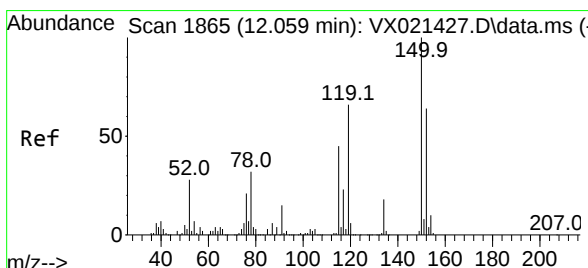
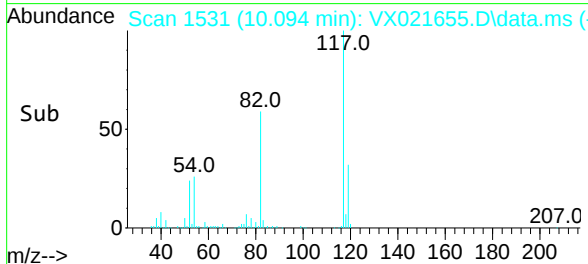
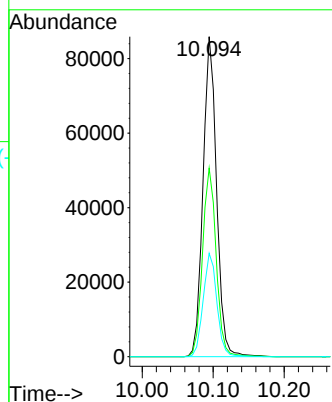
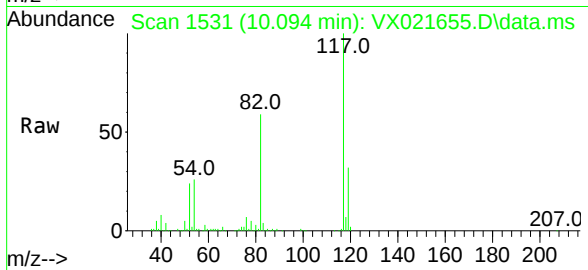




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

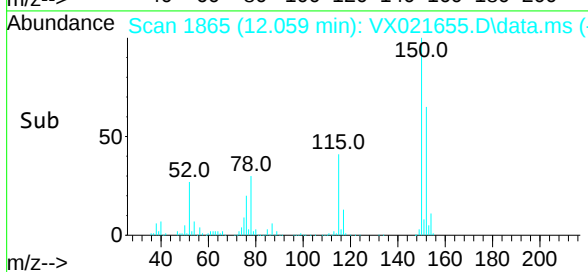
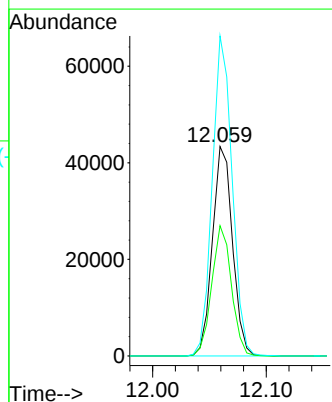
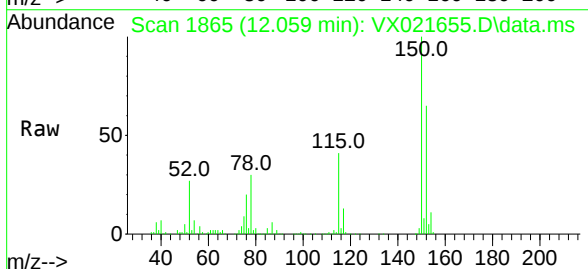
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

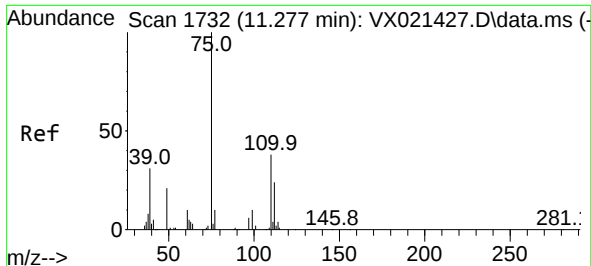
Tgt Ion:117 Resp: 114332
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion:152 Resp: 53320
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 151.0 0.0 349.0

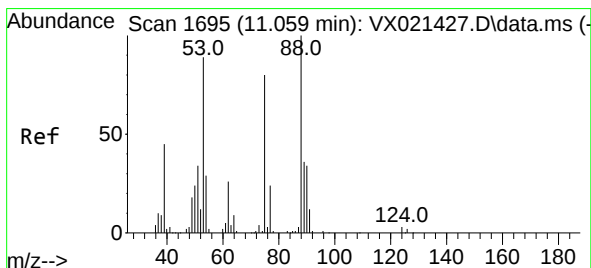
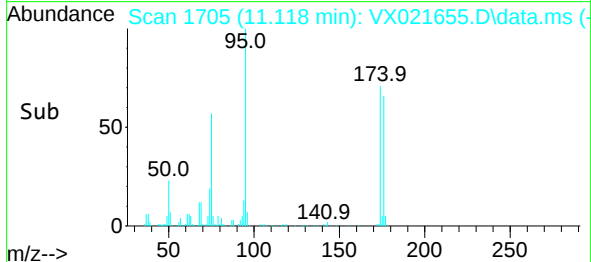
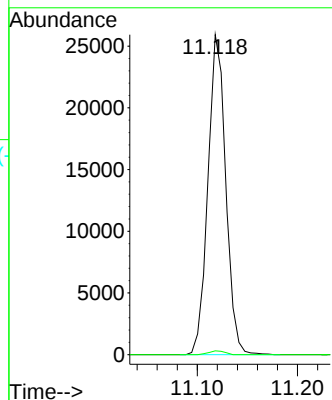
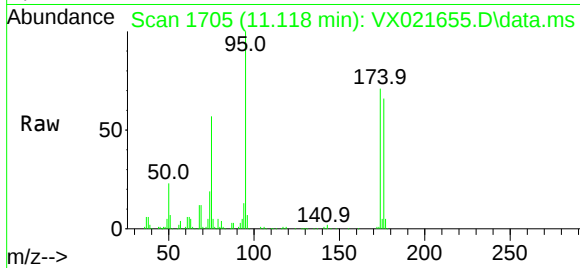




#76
1,2,3-Trichloropropane
Concen: 25.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210325DL

Tgt Ion: 75 Resp: 32133
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.85 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 75 Resp: 32133
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

