

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021663.D
 Acq On : 31 Mar 2021 04:58
 Operator : JC/MD
 Sample : M1842-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20210323

Quant Time: Mar 31 06:14:02 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)

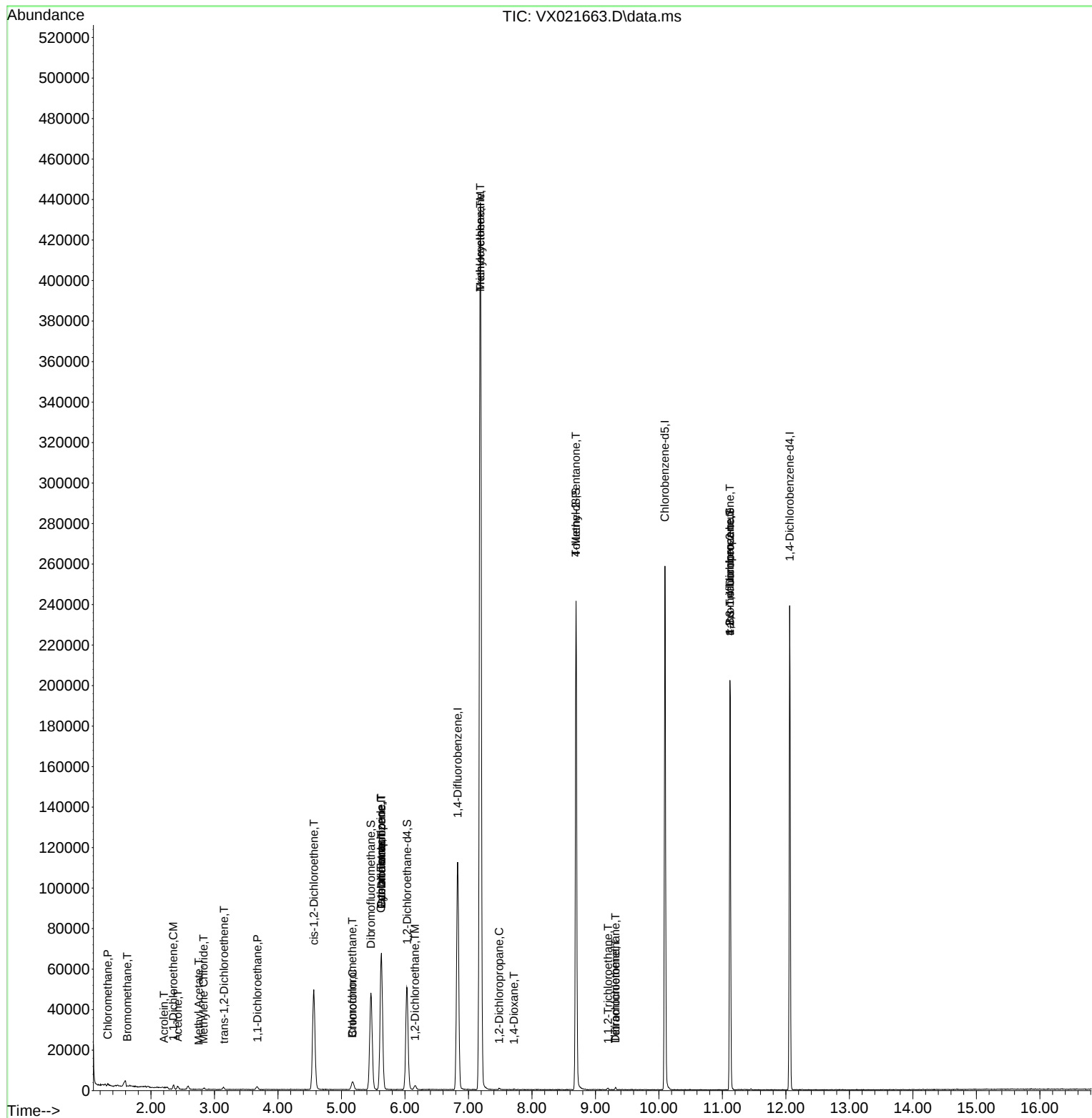
Internal Standards						
1) Pentafluorobenzene	5.629	168	58042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	104387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	45593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	50133	51.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.82%			
35) Dibromofluoromethane	5.464	113	38705	52.20	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.40%			
50) Toluene-d8	8.694	98	134746	51.00	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.00%			
62) 4-Bromofluorobenzene	11.118	95	51919	50.54	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.08%			
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	1469	2.04	ug/l	99
5) Bromomethane	1.628	94	67	0.26	ug/l #	2
12) 1,1-Dichloroethene	2.352	96	676	1.16	ug/l	94
13) Acrolein	2.205	56	19	4.53	ug/l #	51
16) Acetone	2.423	43	1541	4.22	ug/l #	77
18) Methyl Acetate	2.752	43	222	0.21	ug/l #	47
20) Methylene Chloride	2.829	84	267	0.37	ug/l #	62
21) trans-1,2-Dichloroethene	3.152	96	463	0.72	ug/l #	79
24) 1,1-Dichloroethane	3.676	63	1719	1.38	ug/l #	87
27) cis-1,2-Dichloroethene	4.564	96	29588	39.66	ug/l	96
28) Bromochloromethane	5.170	49	390	0.63	ug/l #	9
30) Chloroform	5.176	83	4364	3.32	ug/l	92
31) Cyclohexane	5.629	56	1667	1.57	ug/l #	45
36) 1,1-Dichloropropene	5.629	75	5220	5.10	ug/l #	49
38) Carbon Tetrachloride	5.623	117	6452	5.87	ug/l #	16
39) Methylcyclohexane	7.188	83	2251	1.99	ug/l #	1
42) 1,2-Dichloroethane	6.158	62	2145	1.70	ug/l	85
44) Trichloroethene	7.188	130	157899	206.01	ug/l	93
45) 1,2-Dichloropropane	7.482	63	253	0.32	ug/l #	43
49) 1,4-Dioxane	7.717	88	97	5.29	ug/l #	79
51) 4-Methyl-2-Pentanone	8.694	43	791	0.67	ug/l #	1
55) 1,1,2-Trichloroethane	9.200	97	211	0.28	ug/l #	89
60) Dibromochloromethane	9.318	129	179	0.21	ug/l #	11
64) Tetrachloroethene	9.318	164	169	0.23	ug/l #	84
76) 1,2,3-Trichloropropane	11.118	75	29278	27.58	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	29278	84.02	ug/l #	12

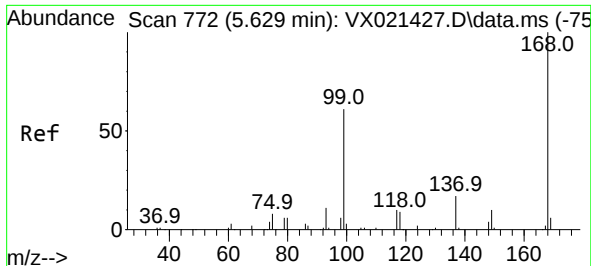
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021663.D
Acq On : 31 Mar 2021 04:58
Operator : JC/MD
Sample : M1842-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

Quant Time: Mar 31 06:14:02 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

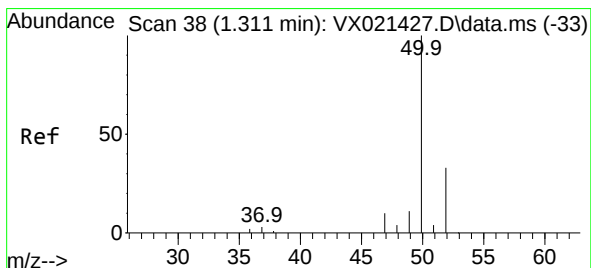
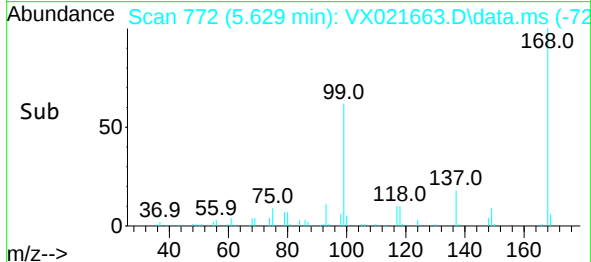
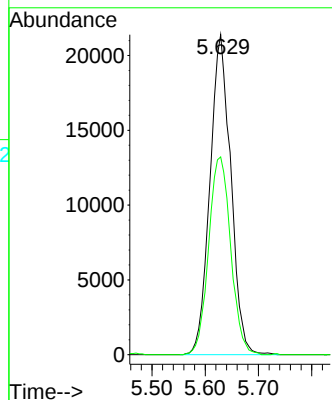
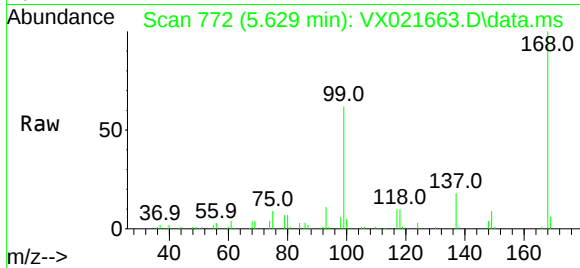




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

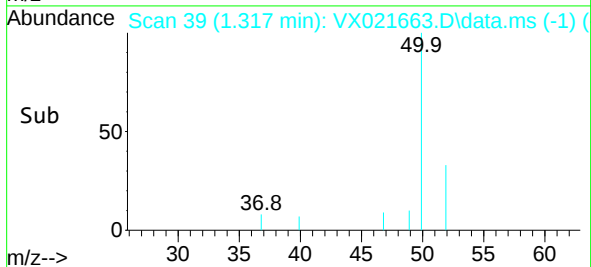
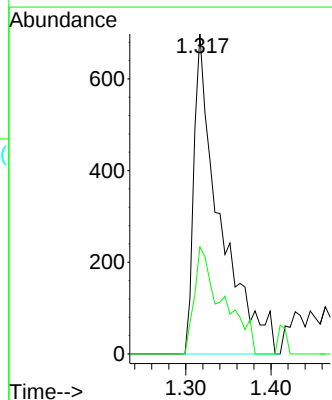
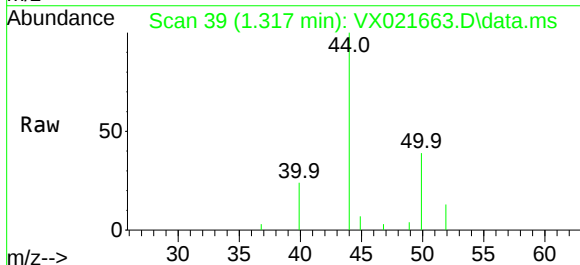
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

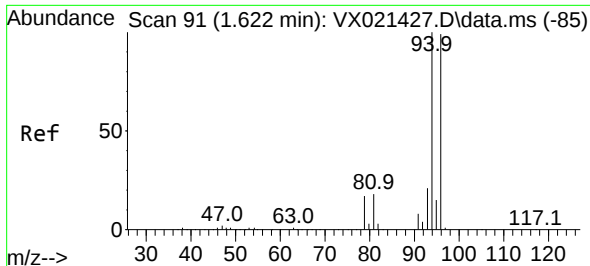
Tgt Ion:168 Resp: 58042
Ion Ratio Lower Upper
168 100
99 61.8 45.8 68.6



#3
Chloromethane
Concen: 2.04 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion: 50 Resp: 1469
Ion Ratio Lower Upper
50 100
52 33.4 26.4 39.6

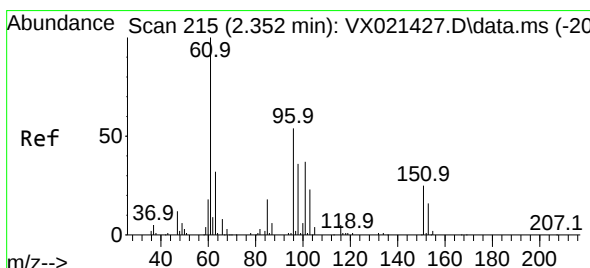
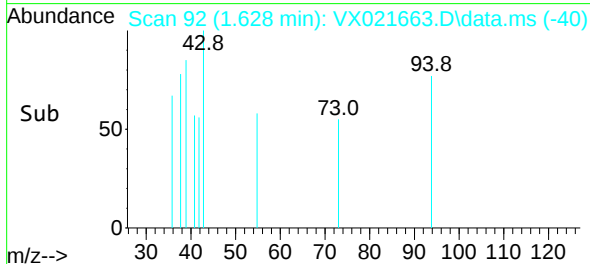
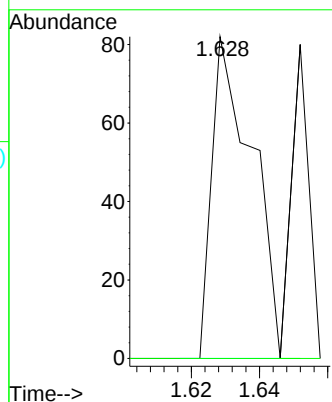
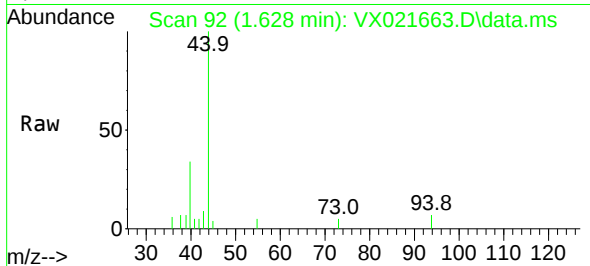




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

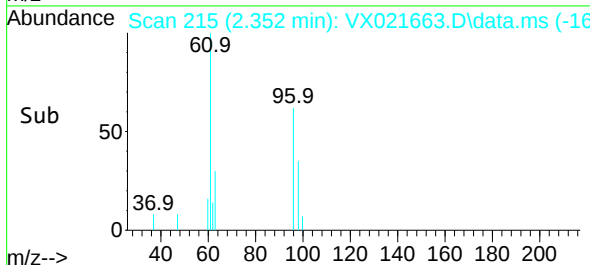
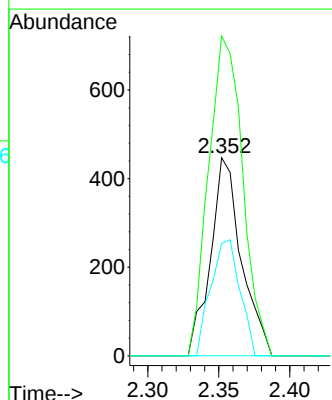
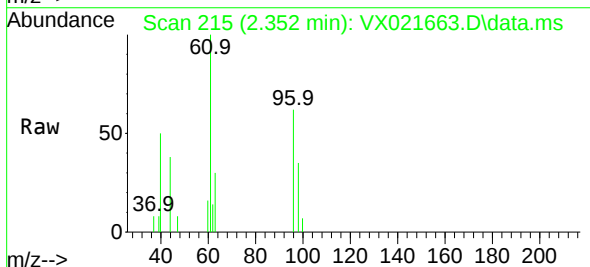
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

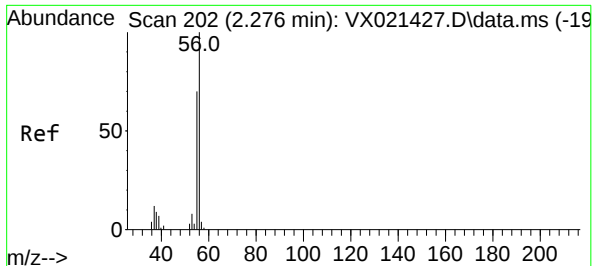
Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#12
1,1-Dichloroethene
Concen: 1.16 ug/l
RT: 2.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion: 96 Resp: 676
Ion Ratio Lower Upper
96 100
61 161.5 124.6 187.0
98 56.8 50.6 76.0

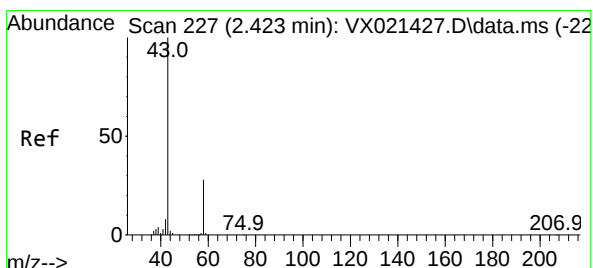
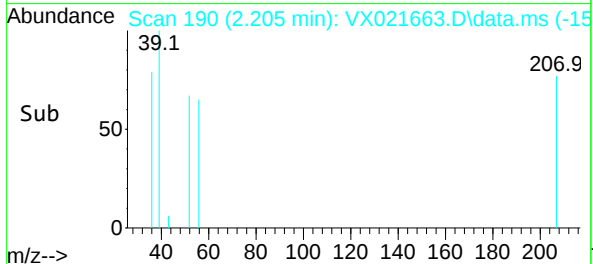
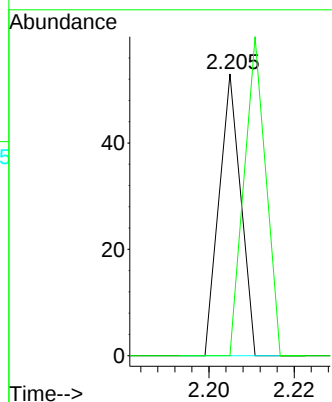
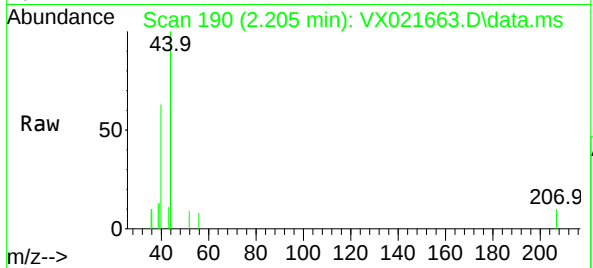




#13
Acrolein
Concen: 4.53 ug/l
RT: 2.205 min Scan# 190
Delta R.T. -0.071 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

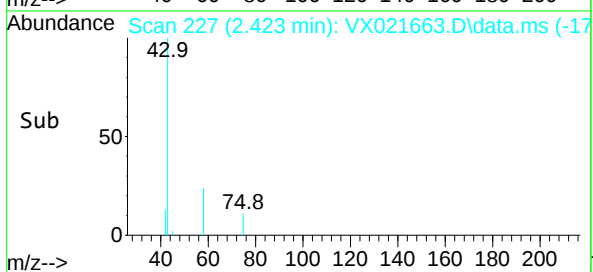
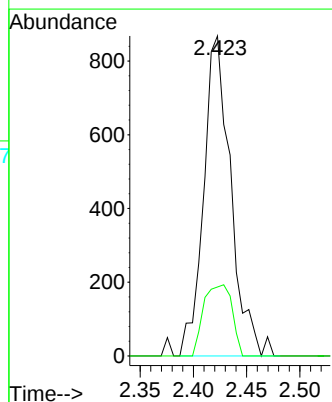
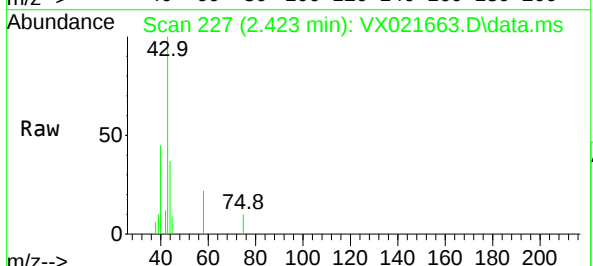
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

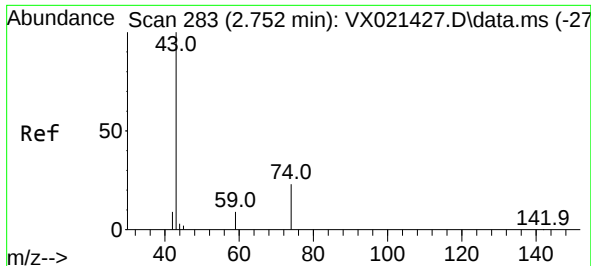
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 110.5 56.4 84.6#



#16
Acetone
Concen: 4.22 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 21.5 27.8 41.8#

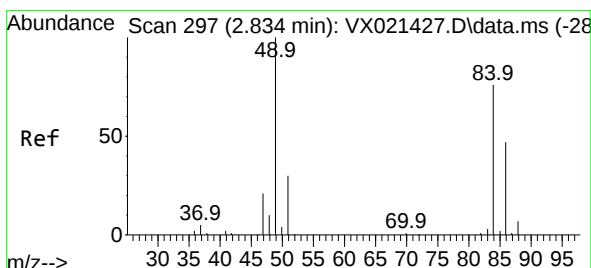
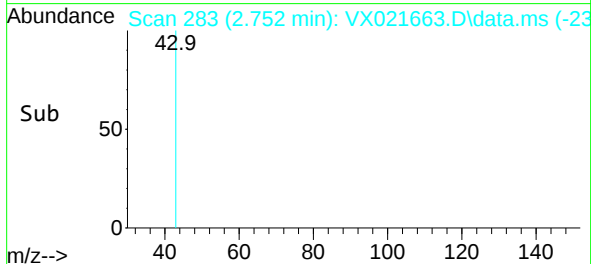
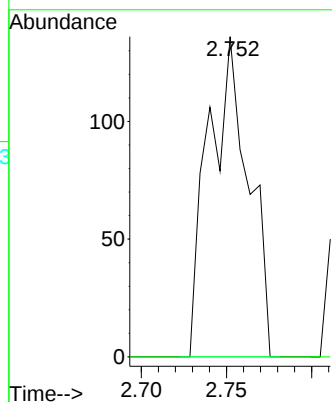
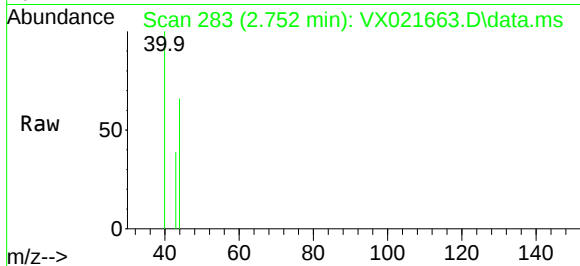




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

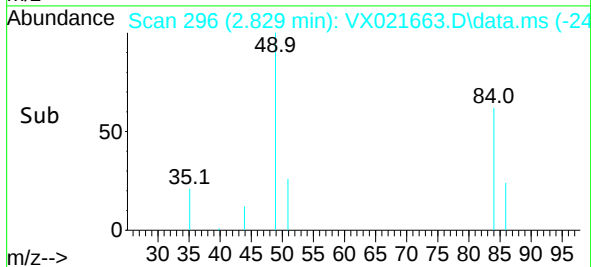
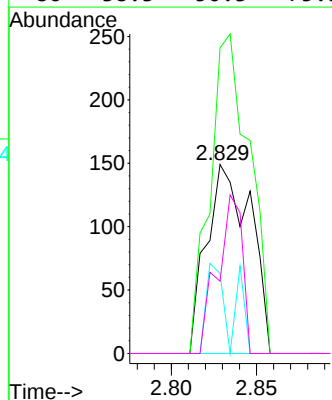
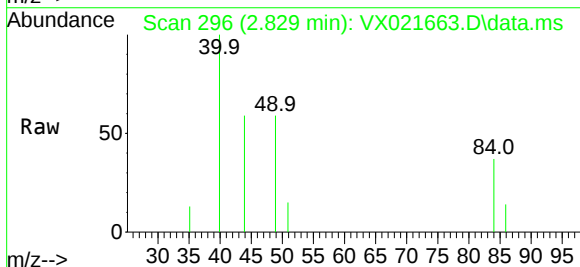
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

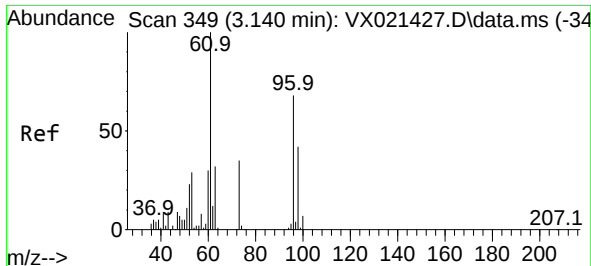
Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

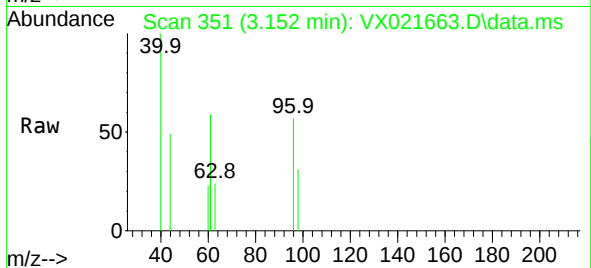
Tgt Ion: 84 Resp: 267
Ion Ratio Lower Upper
84 100
49 161.7 88.6 132.8#
51 42.3 27.0 40.6#
86 38.3 50.3 75.5#



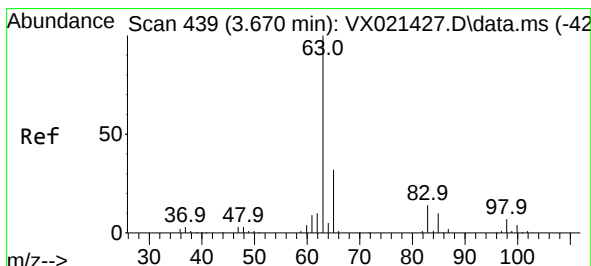
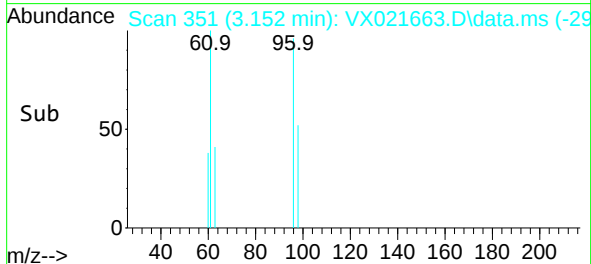
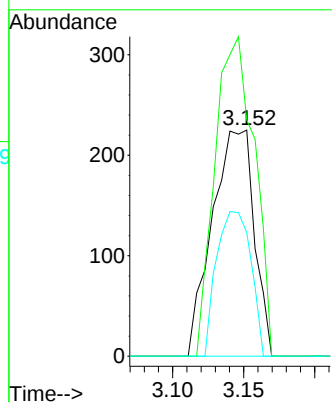


#21
trans-1,2-Dichloroethene
Concen: 0.72 ug/l
RT: 3.152 min Scan# 351
Delta R.T. 0.012 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

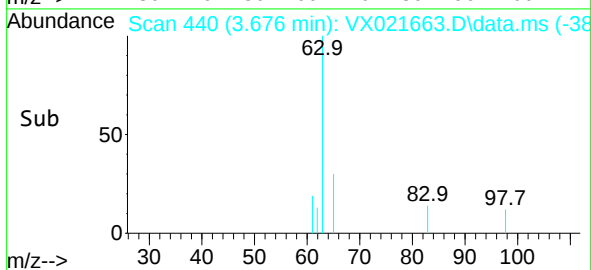
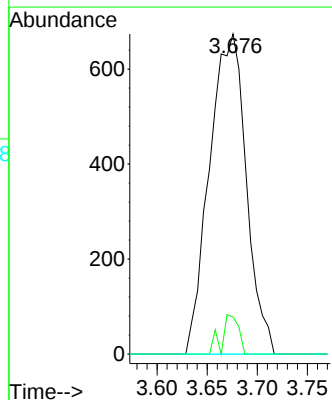
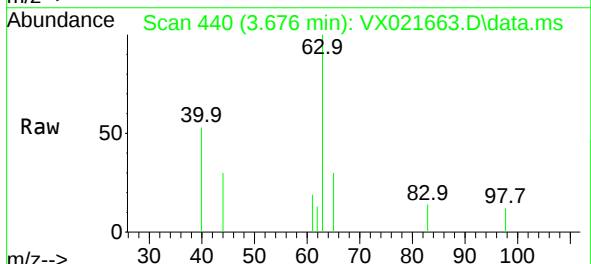


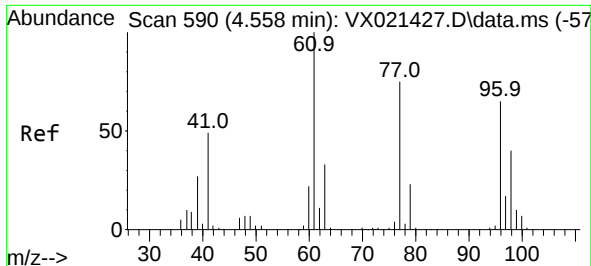
Tgt Ion: 96 Resp: 463
Ion Ratio Lower Upper
96 100
61 104.4 107.7 161.5#
98 54.7 50.4 75.6



#24
1,1-Dichloroethane
Concen: 1.38 ug/l
RT: 3.676 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion: 63 Resp: 1719
Ion Ratio Lower Upper
63 100
98 11.6 3.8 11.2#
100 0.0 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 39.66 ug/l

RT: 4.564 min Scan# 591

Delta R.T. 0.006 min

Lab File: VX021663.D

Acq: 31 Mar 2021 04:58

Tgt Ion: 96 Resp: 29588

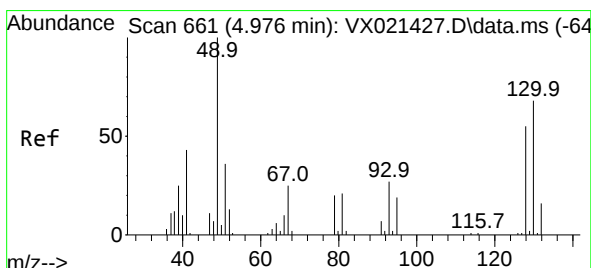
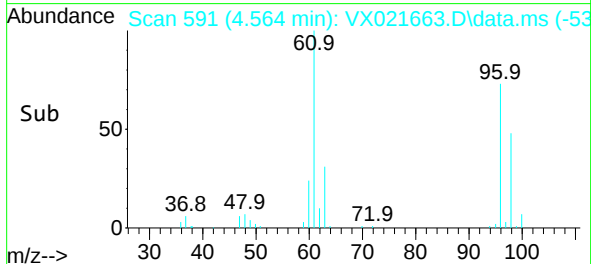
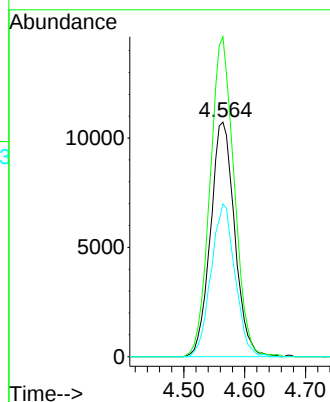
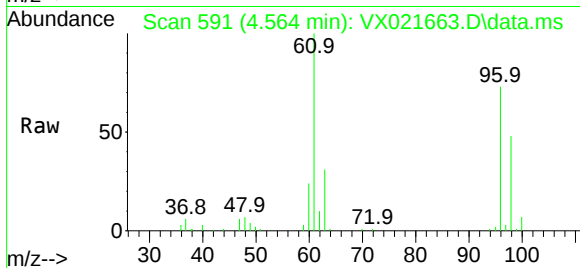
Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	285.6
98	64.5	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20210323



#28

Bromochloromethane

Concen: 0.63 ug/l

RT: 5.170 min Scan# 694

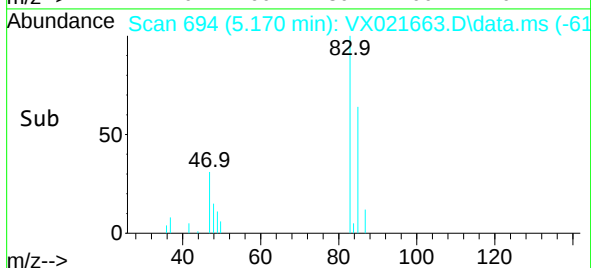
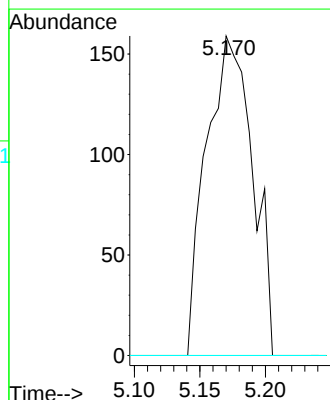
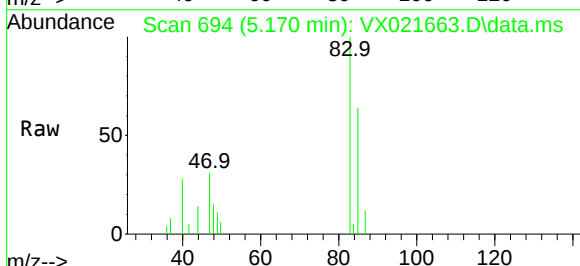
Delta R.T. 0.194 min

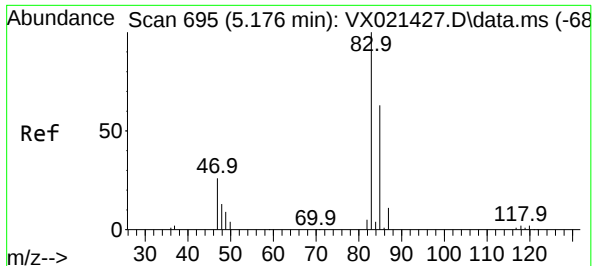
Lab File: VX021663.D

Acq: 31 Mar 2021 04:58

Tgt Ion: 49 Resp: 390

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	68.2	102.2#





#30

Chloroform

Concen: 3.32 ug/l

RT: 5.176 min Scan# 695

Delta R.T. -0.000 min

Lab File: VX021663.D

Acq: 31 Mar 2021 04:58

Tgt Ion: 83 Resp: 4364

Ion Ratio Lower Upper

83 100

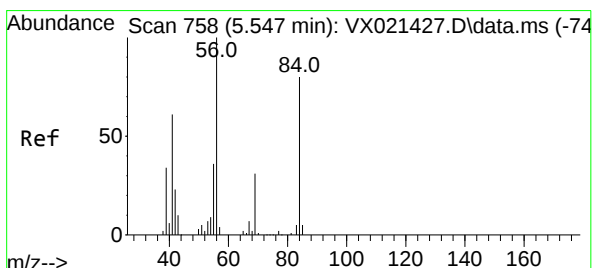
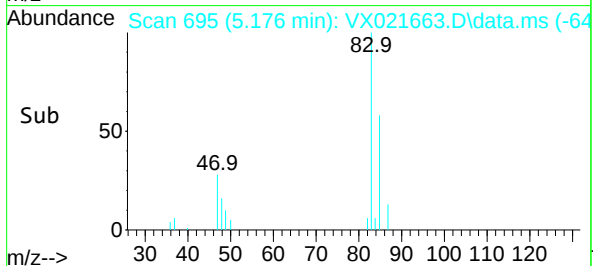
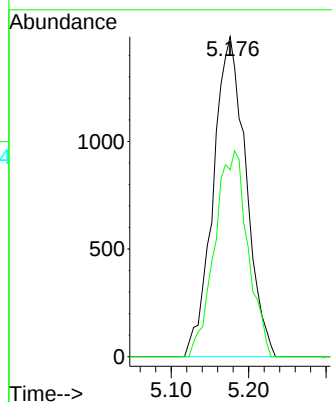
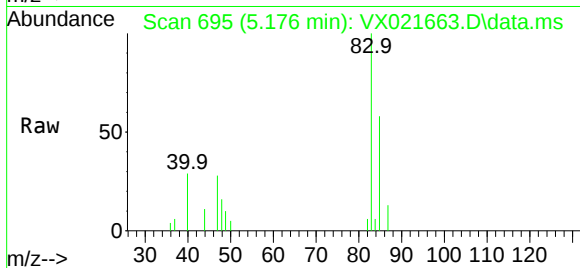
85 58.4 52.0 78.0

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20210323



#31

Cyclohexane

Concen: 1.57 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021663.D

Acq: 31 Mar 2021 04:58

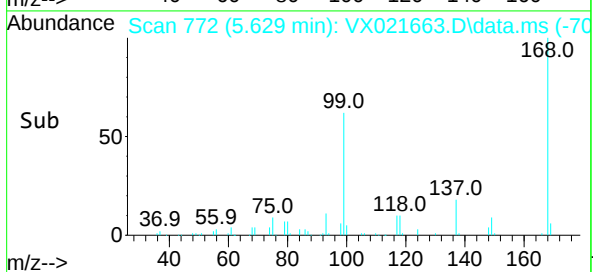
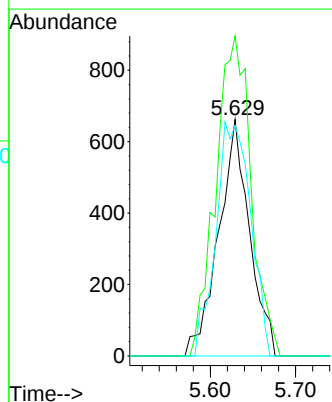
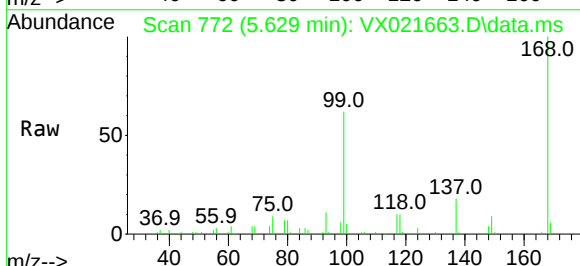
Tgt Ion: 56 Resp: 1667

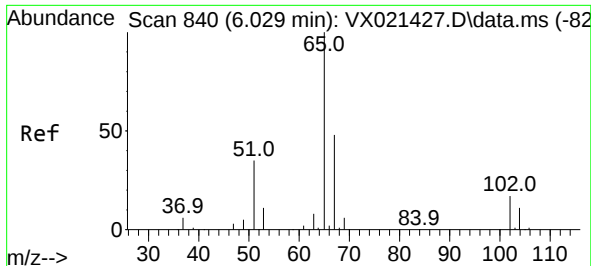
Ion Ratio Lower Upper

56 100

69 135.3 25.3 37.9#

84 97.4 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 51.91 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021663.D

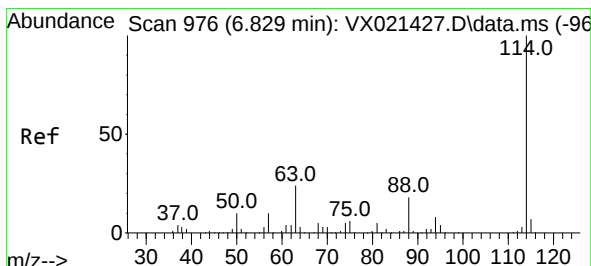
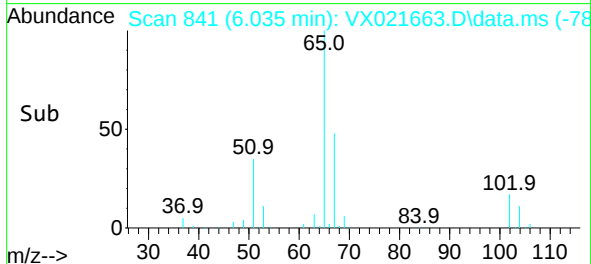
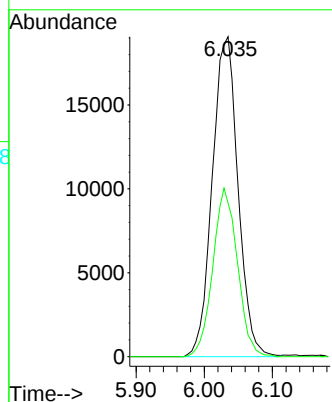
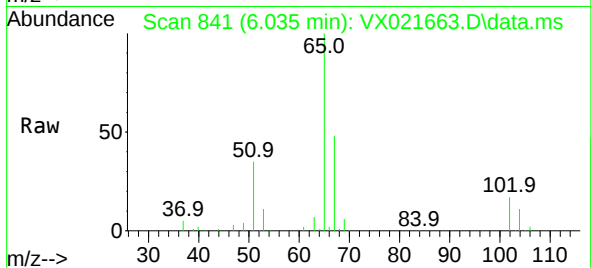
Acq: 31 Mar 2021 04:58

Tgt Ion: 65 Resp: 50133

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: VX021663.D

Acq: 31 Mar 2021 04:58

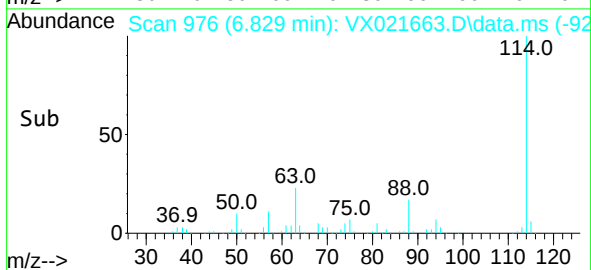
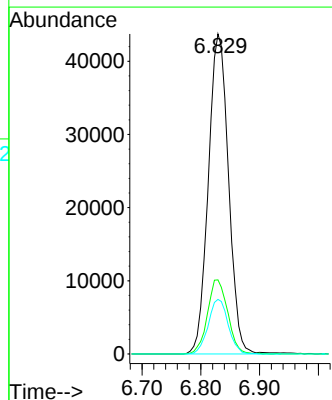
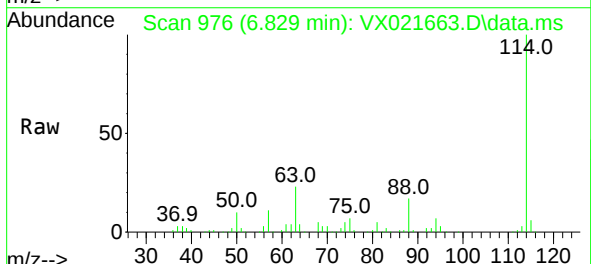
Tgt Ion: 114 Resp: 104387

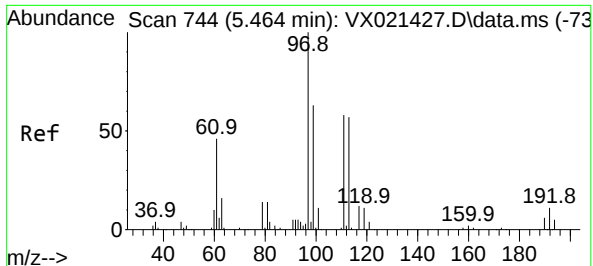
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.8

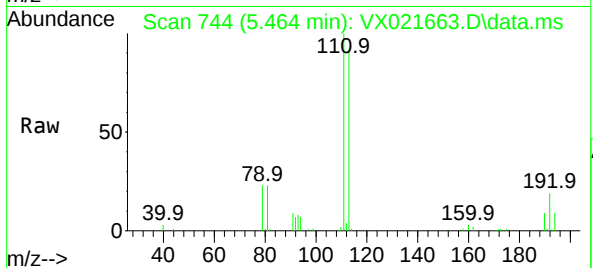
88 17.0 0.0 32.8



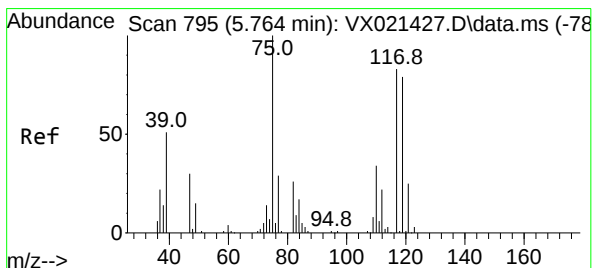
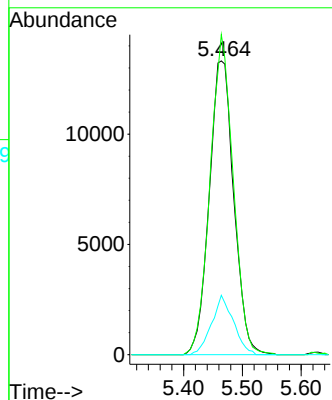
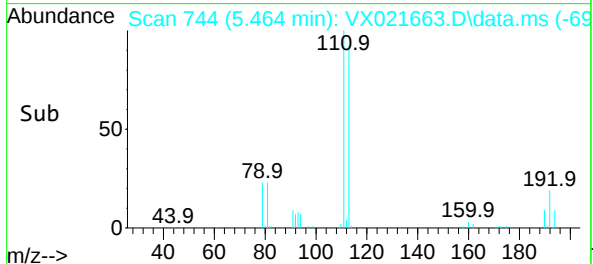


#35
Dibromofluoromethane
Concen: 52.20 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

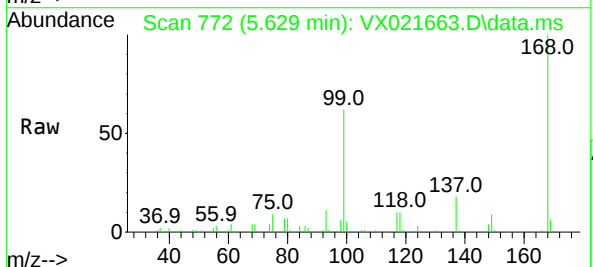
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323



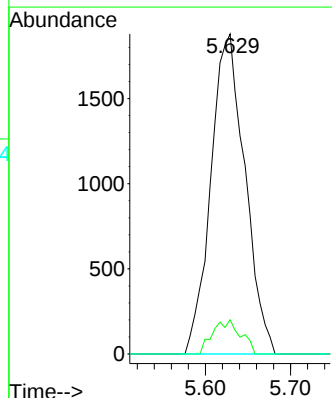
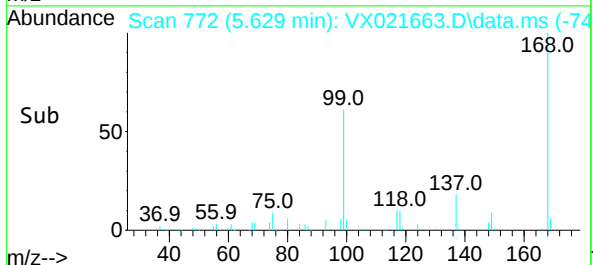
Tgt Ion:113 Resp: 38705
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 17.9 16.7 25.1

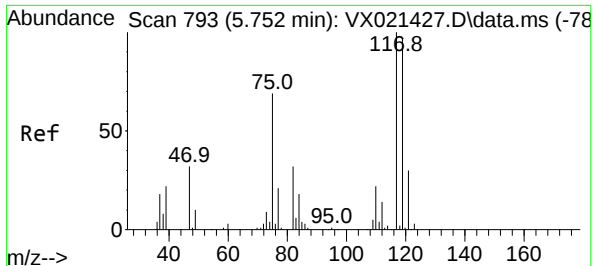


#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58



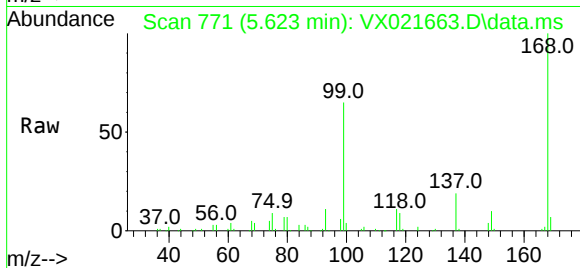
Tgt Ion: 75 Resp: 5220
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



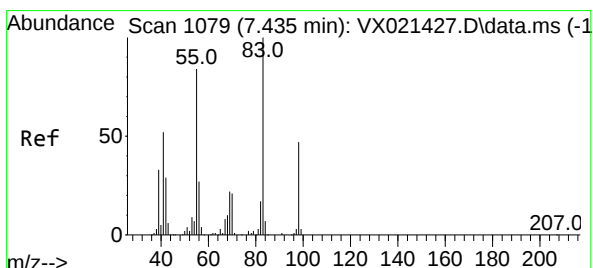
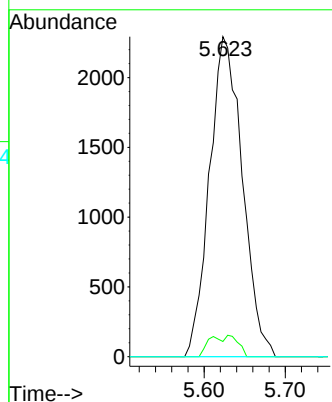
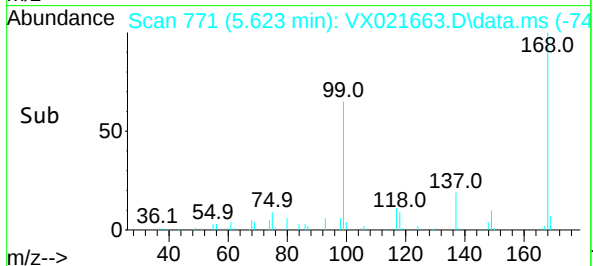


#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

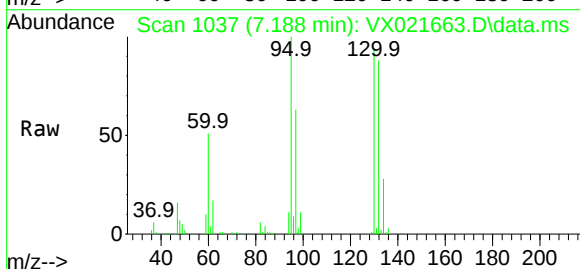
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323



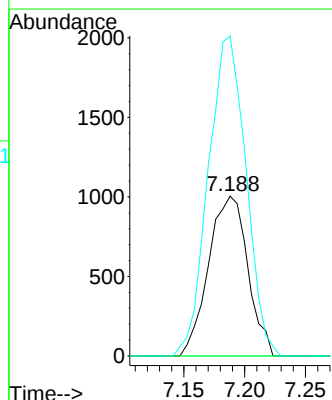
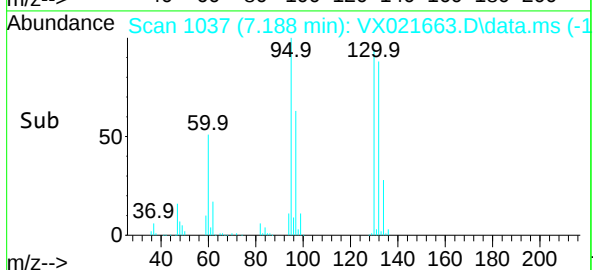
Tgt Ion:117 Resp: 6452
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

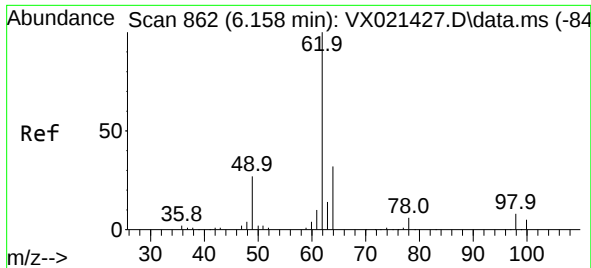


#39
Methylcyclohexane
Concen: 1.99 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.247 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58



Tgt Ion: 83 Resp: 2251
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 200.2 38.1 57.1#





#42

1,2-Dichloroethane

Concen: 1.70 ug/l

RT: 6.158 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX021663.D

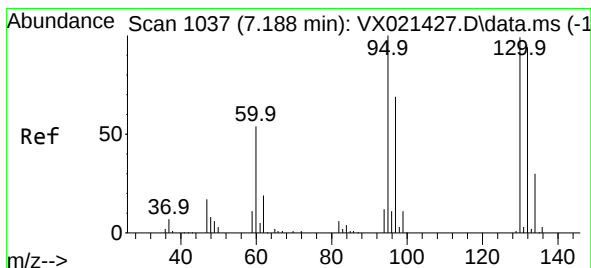
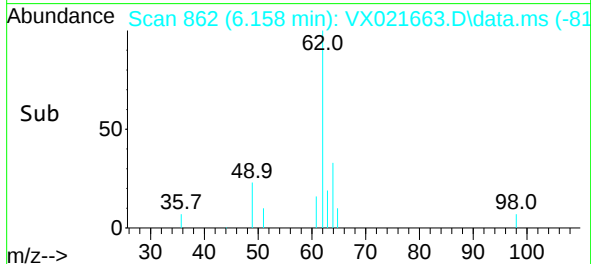
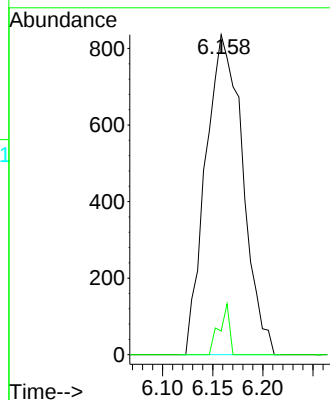
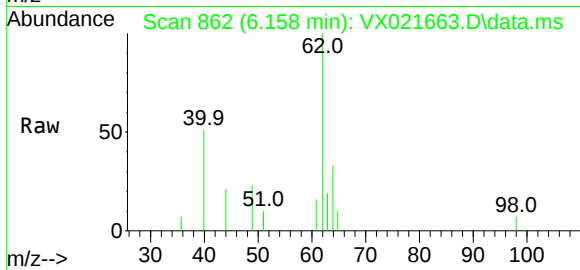
Acq: 31 Mar 2021 04:58

Tgt Ion: 62 Resp: 2145

Ion Ratio Lower Upper

62 100

98 4.4 0.0 20.2



#44

Trichloroethene

Concen: 206.01 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021663.D

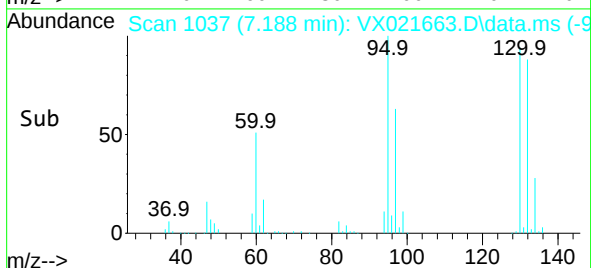
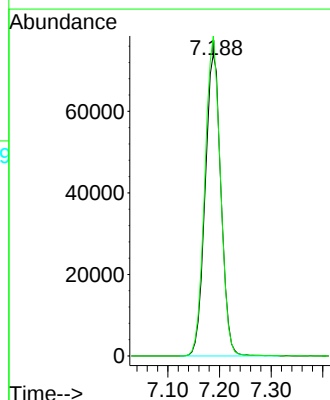
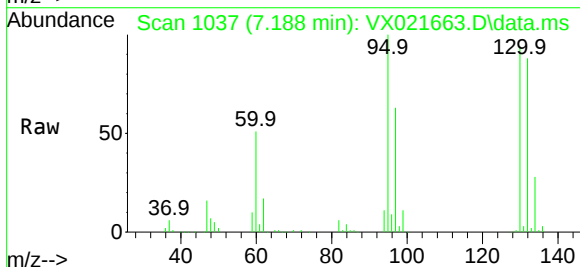
Acq: 31 Mar 2021 04:58

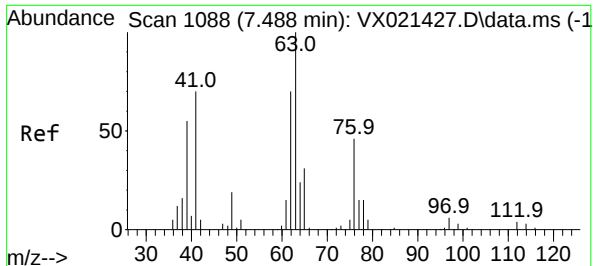
Tgt Ion:130 Resp: 157899

Ion Ratio Lower Upper

130 100

95 106.0 0.0 198.0



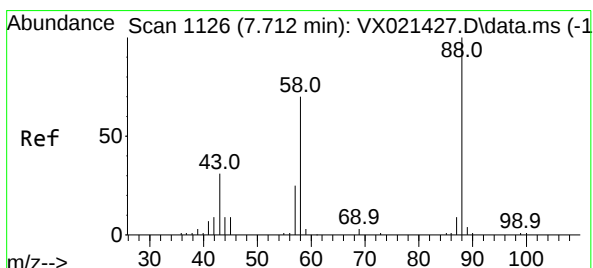
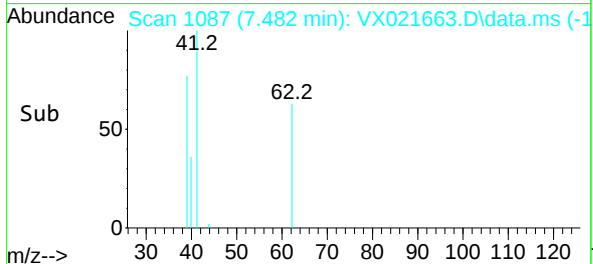
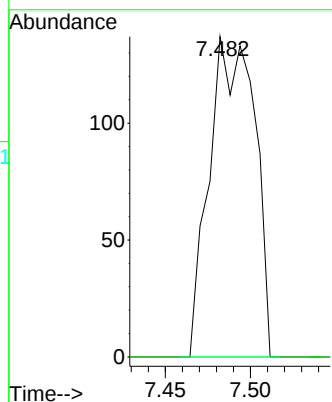
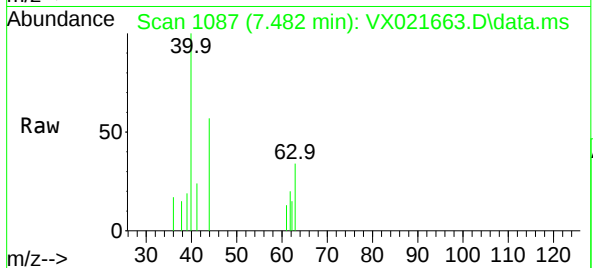


#45

1,2-Dichloropropane
Concen: 0.32 ug/l
RT: 7.482 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

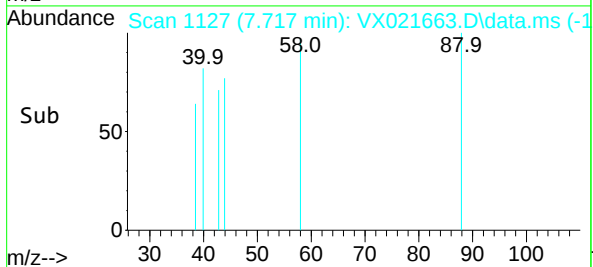
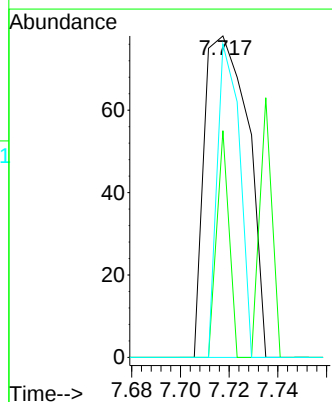
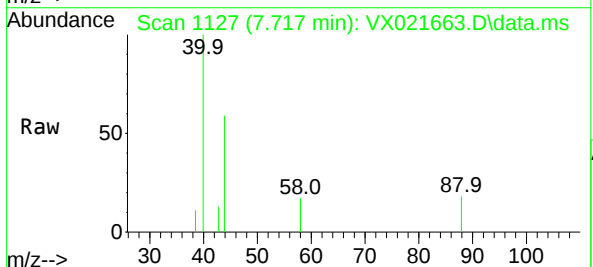
Tgt Ion: 63 Resp: 253
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

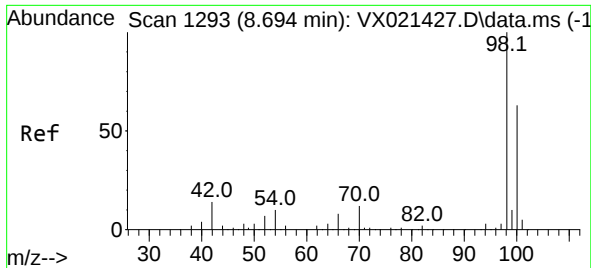


#49

1,4-Dioxane
Concen: 5.29 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion: 88 Resp: 97
Ion Ratio Lower Upper
88 100
43 19.6 23.2 34.8#
58 50.5 55.0 82.4#





#50

Toluene-d8

Concen: 51.00 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021663.D

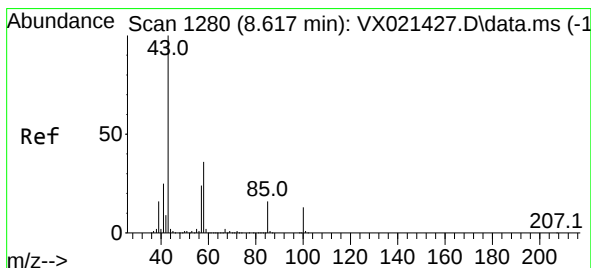
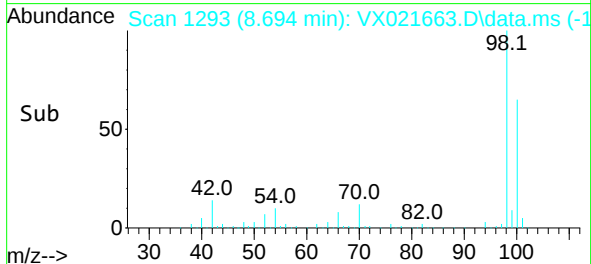
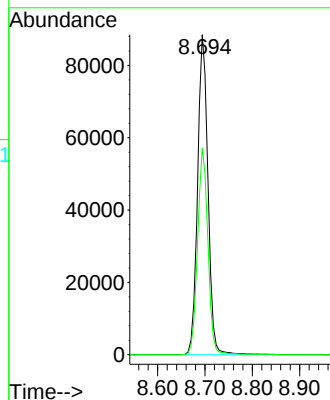
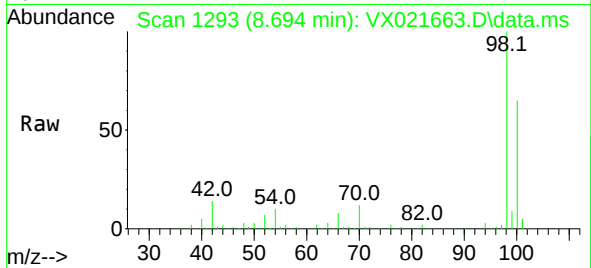
Acq: 31 Mar 2021 04:58

Tgt Ion: 98 Resp: 134746

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.67 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

Lab File: VX021663.D

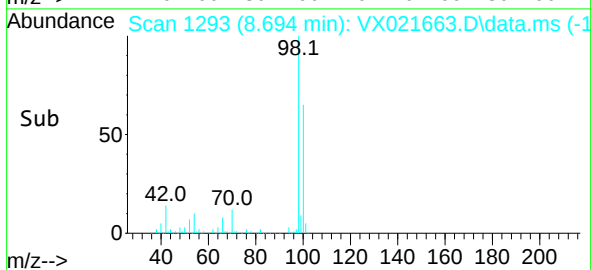
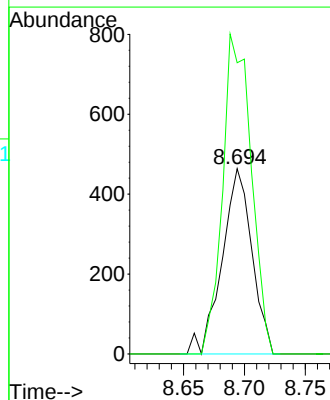
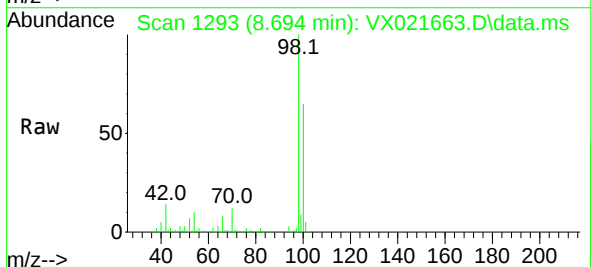
Acq: 31 Mar 2021 04:58

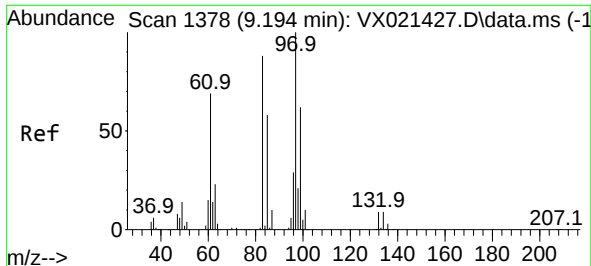
Tgt Ion: 43 Resp: 791

Ion Ratio Lower Upper

43 100

58 165.9 35.4 53.0#

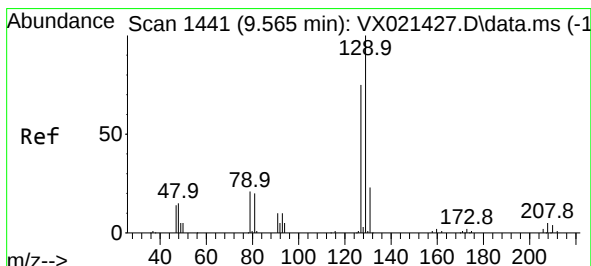
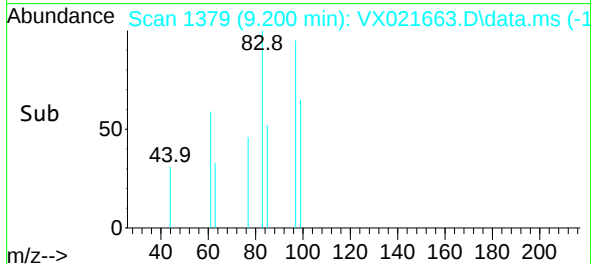
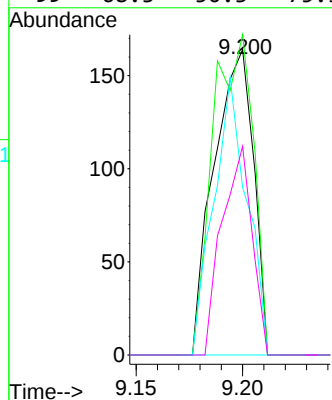
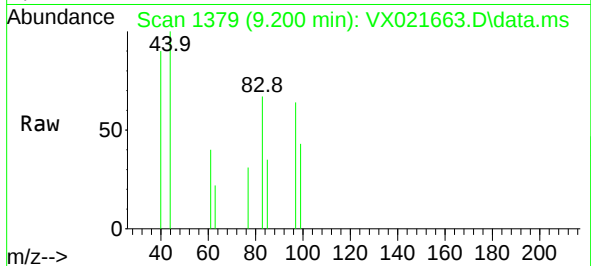




#55
1,1,2-Trichloroethane
Concen: 0.28 ug/l
RT: 9.200 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

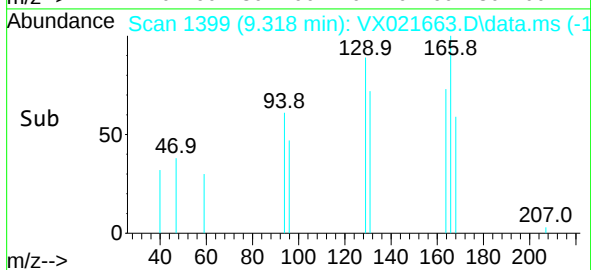
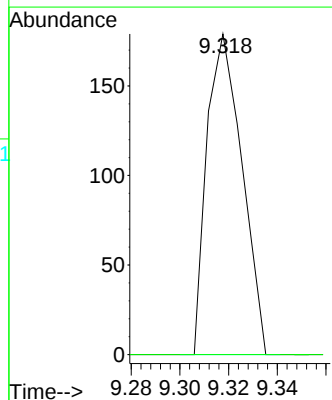
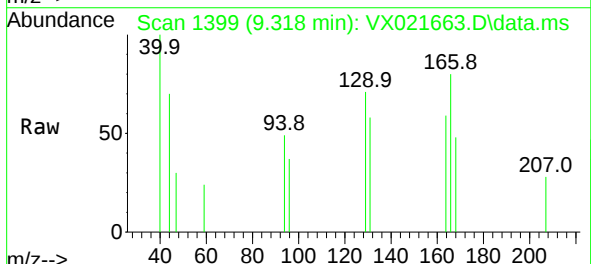
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

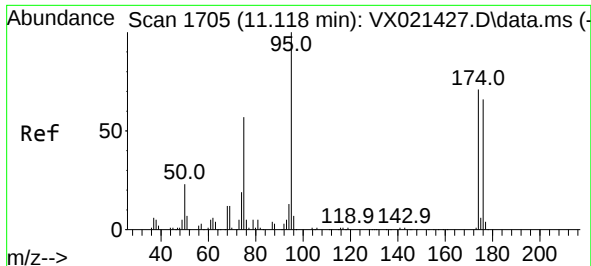
Tgt Ion:	97	Resp:	211
Ion	Ratio	Lower	Upper
97	100		
83	104.9	69.3	103.9#
85	54.9	44.3	66.5
99	68.3	50.3	75.5



#60
Dibromochloromethane
Concen: 0.21 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion:	129	Resp:	179
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

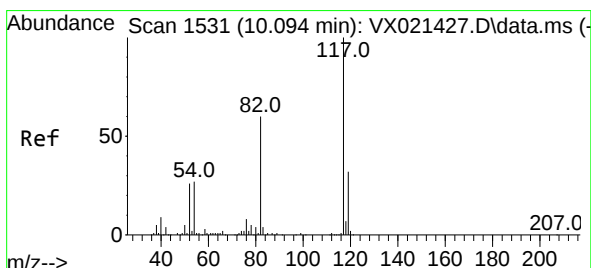
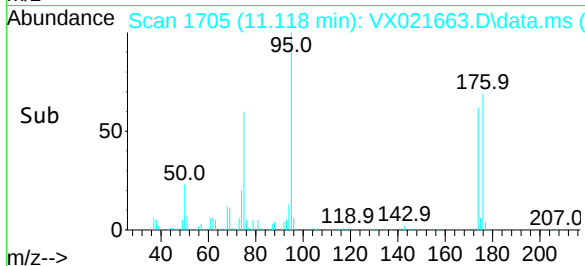
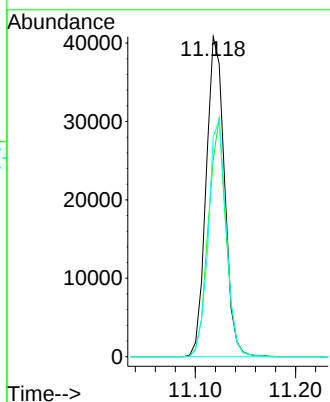
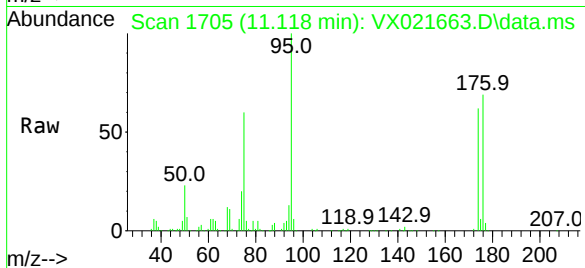




#62
4-Bromofluorobenzene
Concen: 50.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

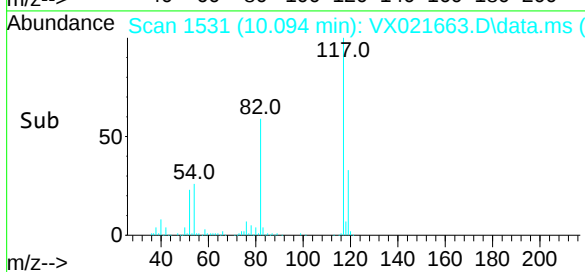
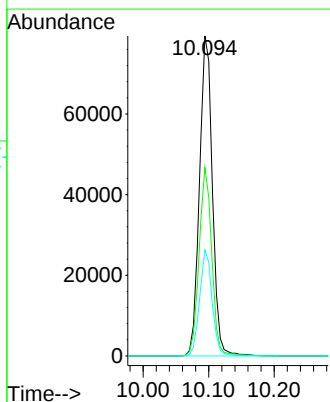
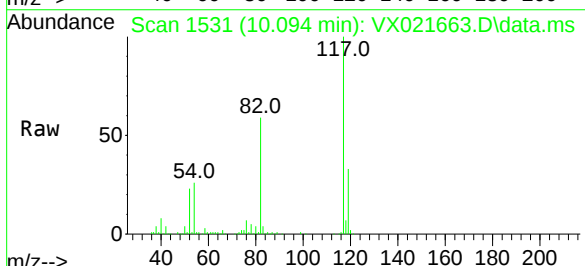
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

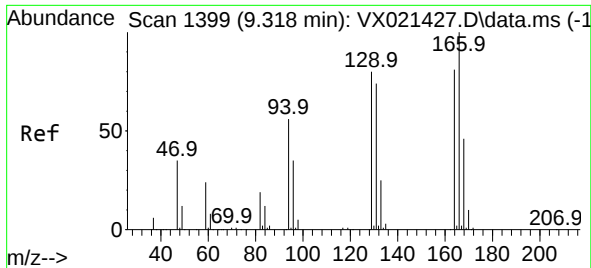
Tgt Ion:	95	Resp:	51919
Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	154.6
176	72.3	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion:	117	Resp:	109009
Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.4	71.2
119	33.1	26.6	39.8



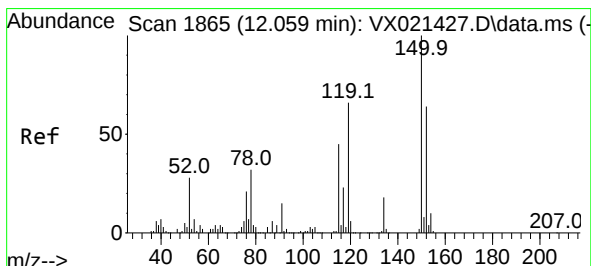
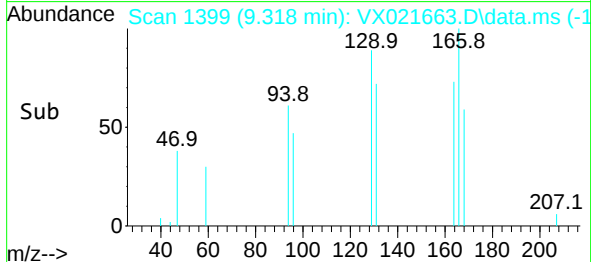
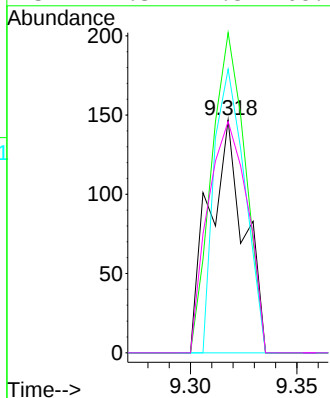
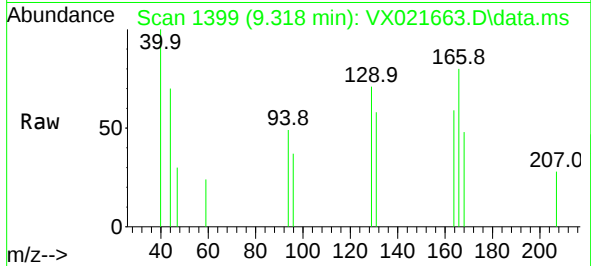


#64
Tetrachloroethene
Concen: 0.23 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

Tgt Ion:164 Resp: 169

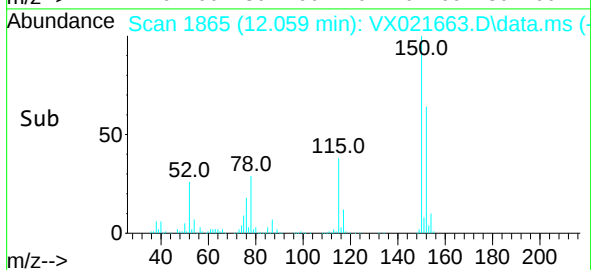
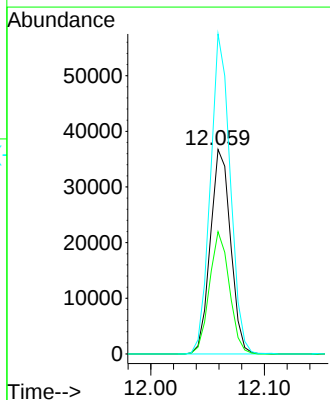
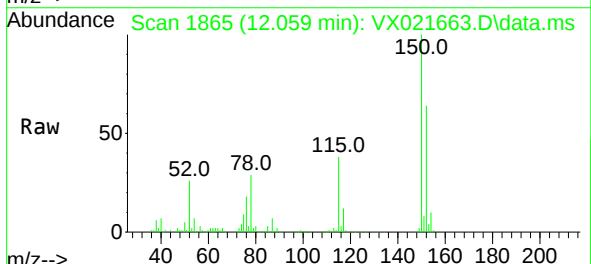
Ion	Ratio	Lower	Upper
164	100		
166	137.4	103.4	155.2
129	121.8	70.8	106.2#
131	99.3	72.5	108.7

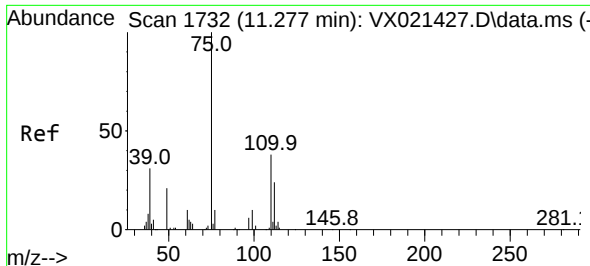


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion:152 Resp: 45593

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.1	123.3
150	153.2	0.0	349.0

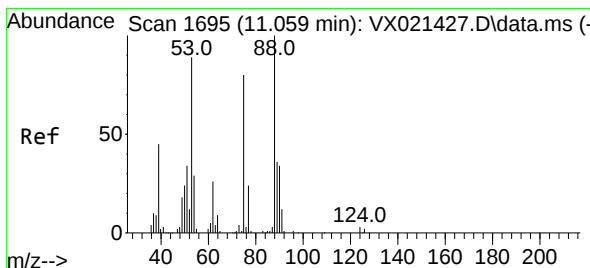
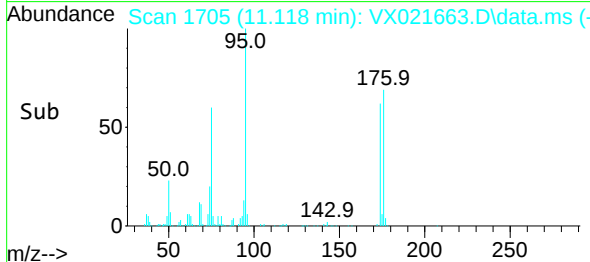
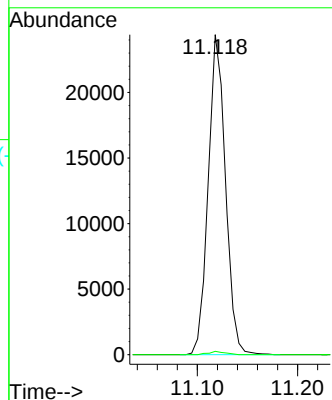
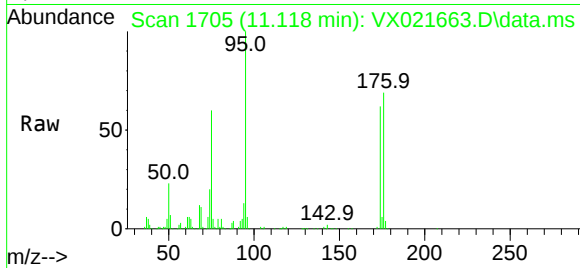




#76
1,2,3-Trichloropropane
Concen: 27.58 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

Tgt Ion: 75 Resp: 29278
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.02 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion: 75 Resp: 29278
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

