

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021661.D
 Acq On : 31 Mar 2021 04:11
 Operator : JC/MD
 Sample : M1842-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20210323

Quant Time: Mar 31 06:13:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

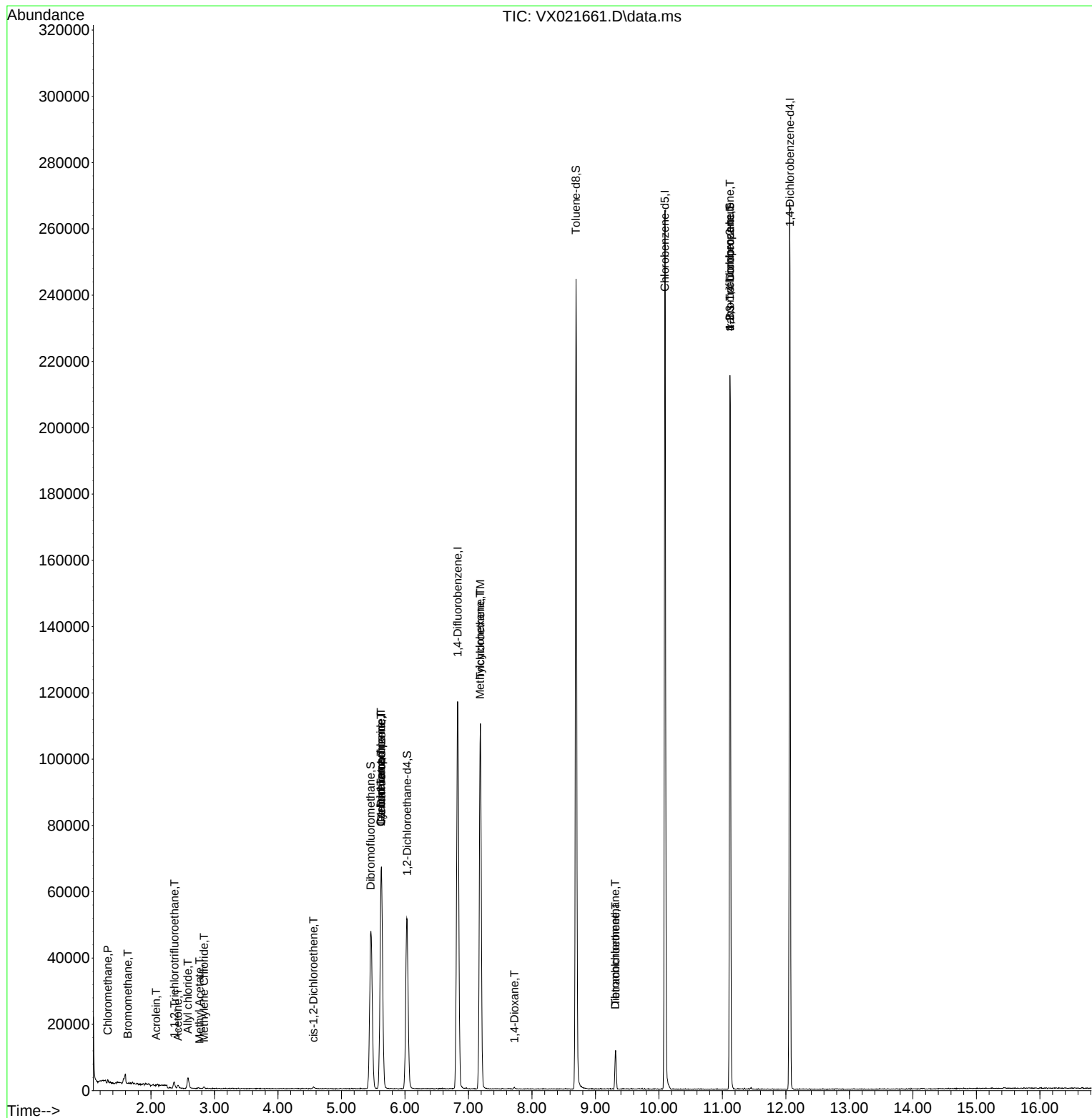
Internal Standards						
1) Pentafluorobenzene	5.629	168	58146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	50853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51251	52.97	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.94%
35) Dibromofluoromethane	5.458	113	39922	51.25	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.50%
50) Toluene-d8	8.694	98	139265	50.17	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.34%
62) 4-Bromofluorobenzene	11.118	95	55712	51.62	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.24%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1469	2.04	ug/l	91
5) Bromomethane	1.634	94	71	0.27	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.370	101	793	1.32	ug/l	87
13) Acrolein	2.081	56	36	4.74	ug/l #	75
14) Allyl chloride	2.581	41	537	0.45	ug/l #	45
16) Acetone	2.423	43	965	2.64	ug/l	99
18) Methyl Acetate	2.764	43	274	0.26	ug/l #	47
20) Methylene Chloride	2.834	84	234	0.33	ug/l #	90
27) cis-1,2-Dichloroethene	4.558	96	317	0.42	ug/l	91
31) Cyclohexane	5.623	56	1562	1.47	ug/l #	41
36) 1,1-Dichloropropene	5.623	75	5392	5.02	ug/l #	48
38) Carbon Tetrachloride	5.623	117	6620	5.73	ug/l #	18
39) Methylcyclohexane	7.182	83	544	0.46	ug/l #	1
44) Trichloroethene	7.188	130	39944	49.60	ug/l	96
49) 1,4-Dioxane	7.723	88	253	13.13	ug/l #	85
60) Dibromochloromethane	9.312	129	2012	2.26	ug/l #	11
64) Tetrachloroethene	9.318	164	2129	2.84	ug/l	99
76) 1,2,3-Trichloropropane	11.118	75	31493	26.60	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	31493	81.03	ug/l #	12

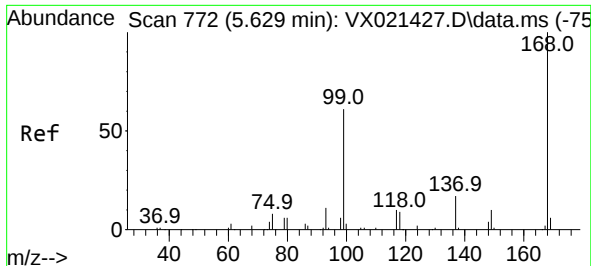
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
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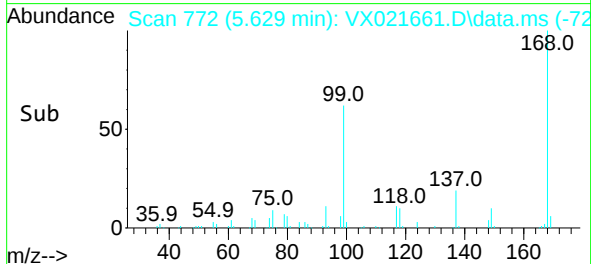
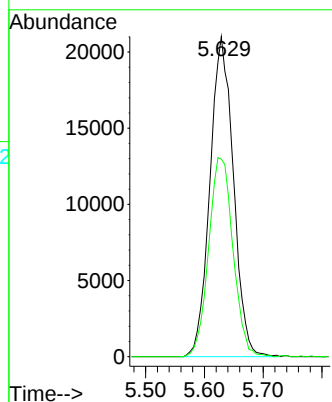
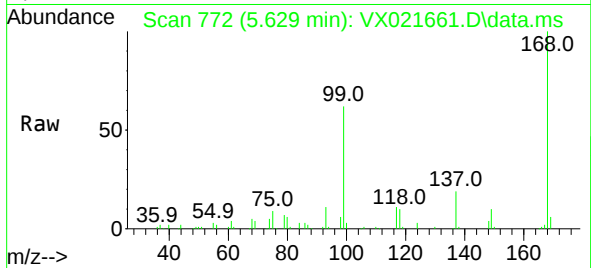




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

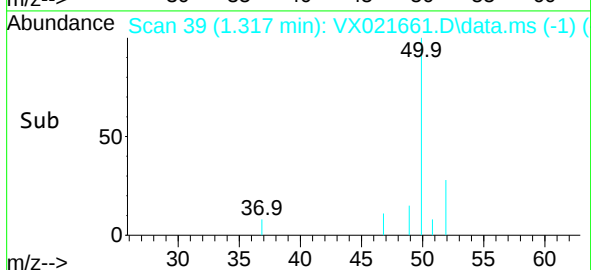
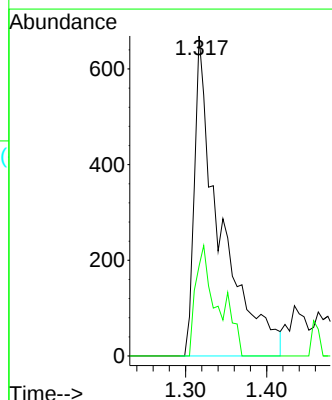
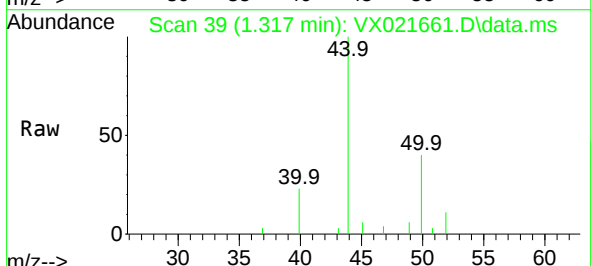
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323

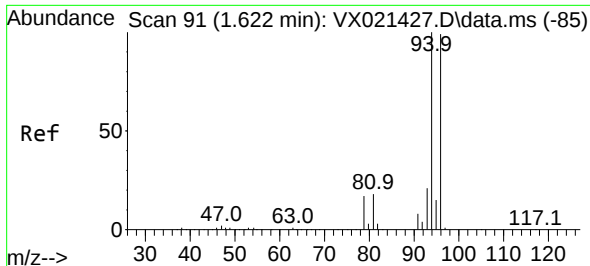
Tgt Ion:168 Resp: 58146
Ion Ratio Lower Upper
168 100
99 61.8 45.8 68.6



#3
Chloromethane
Concen: 2.04 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

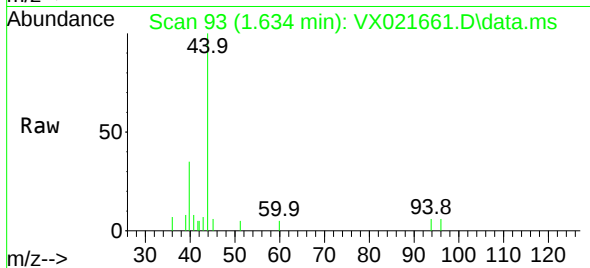
Tgt Ion: 50 Resp: 1469
Ion Ratio Lower Upper
50 100
52 28.1 26.4 39.6



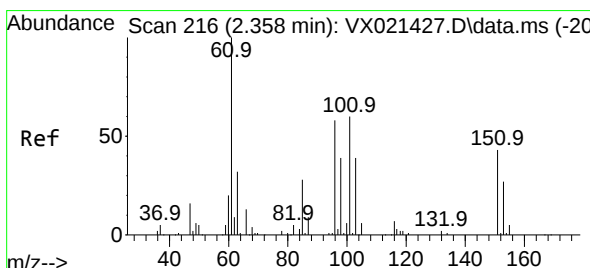
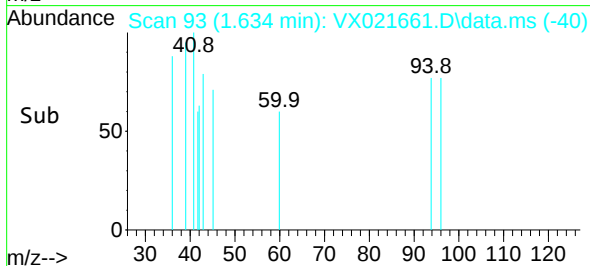
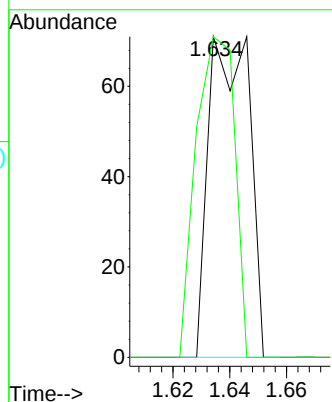


#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323

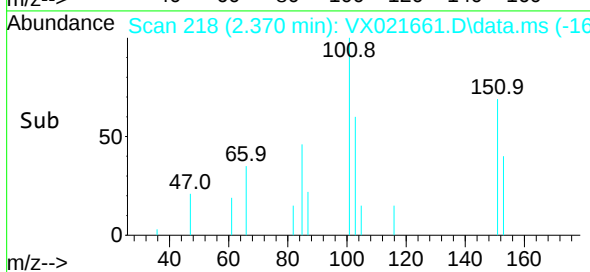
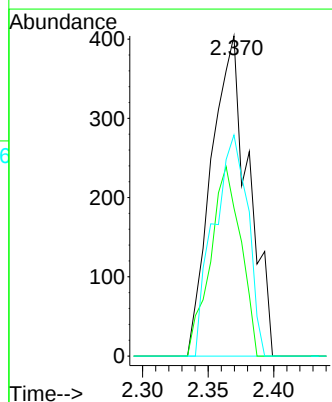
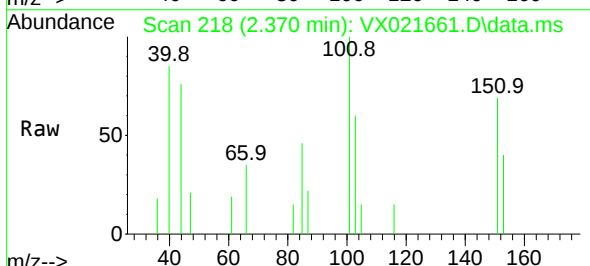


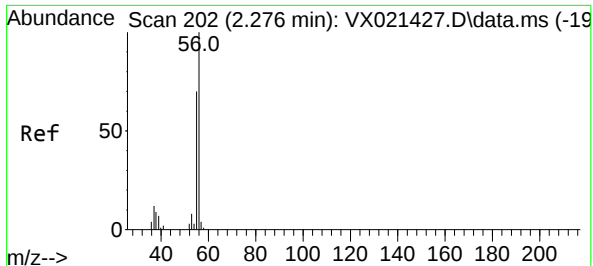
Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 100.0 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.32 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.012 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

Tgt Ion: 101 Resp: 793
Ion Ratio Lower Upper
101 100
85 48.7 34.9 52.3
151 63.6 61.4 92.2

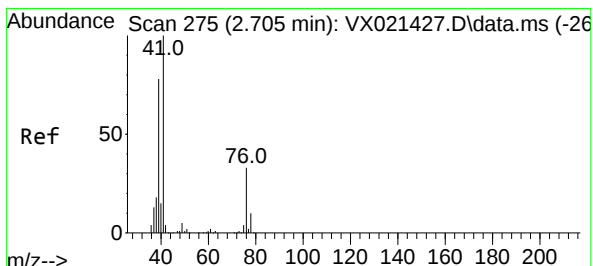
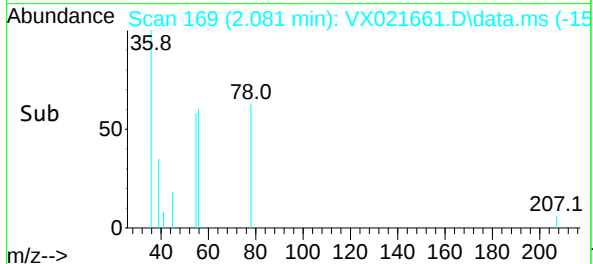
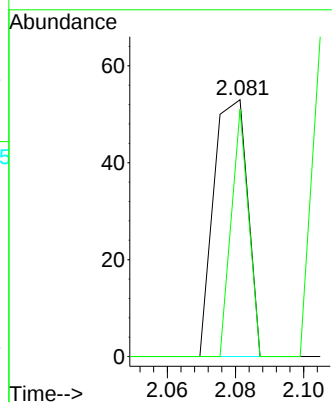
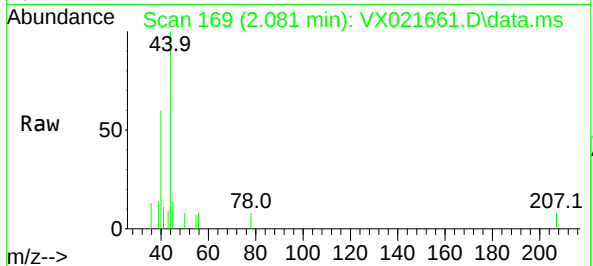




#13
Acrolein
Concen: 4.74 ug/l
RT: 2.081 min Scan# 169
Delta R.T. -0.195 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

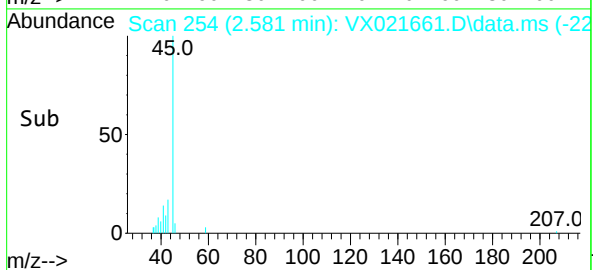
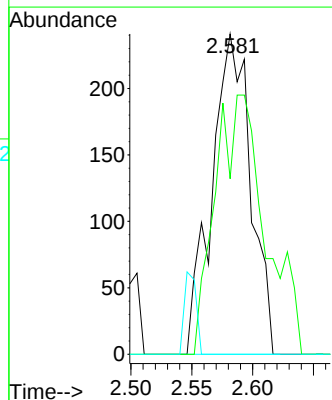
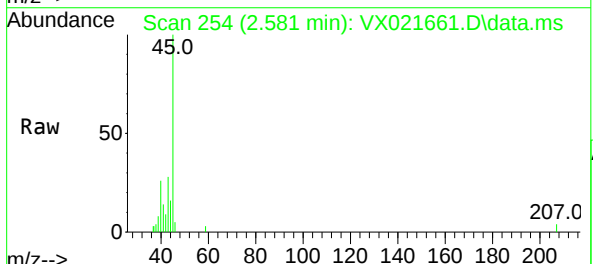
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323

Tgt Ion: 56 Resp: 36
Ion Ratio Lower Upper
56 100
55 50.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.45 ug/l
RT: 2.581 min Scan# 254
Delta R.T. -0.124 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

Tgt Ion: 41 Resp: 537
Ion Ratio Lower Upper
41 100
39 104.1 51.6 77.4#
76 0.0 30.5 45.7#

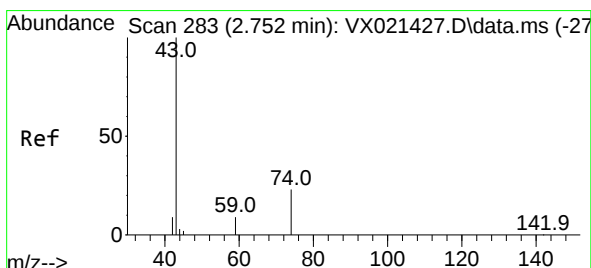
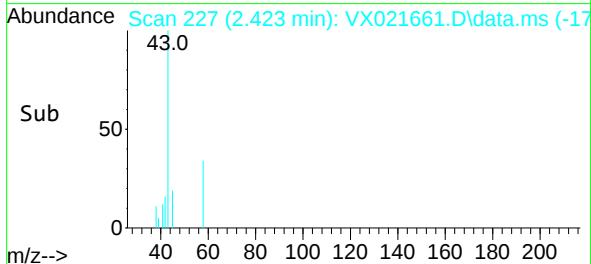
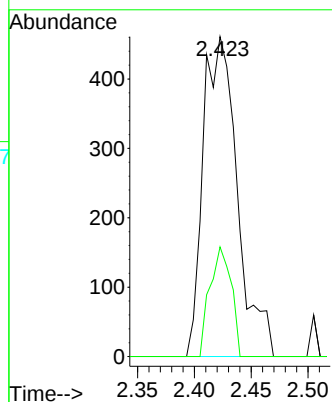
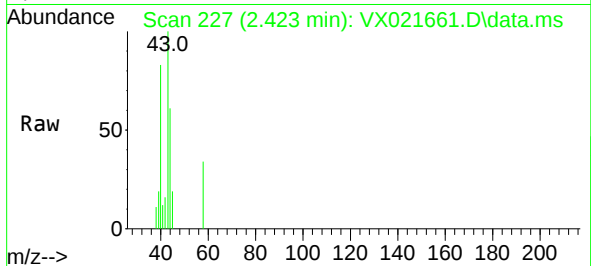




#16
Acetone
Concen: 2.64 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

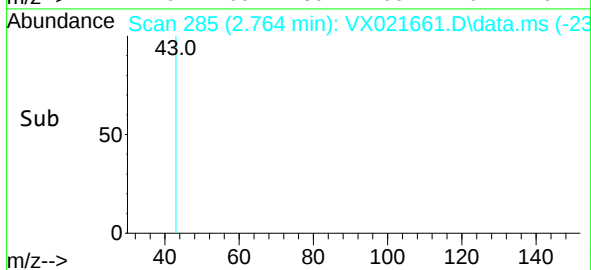
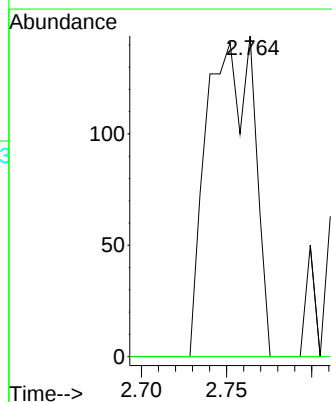
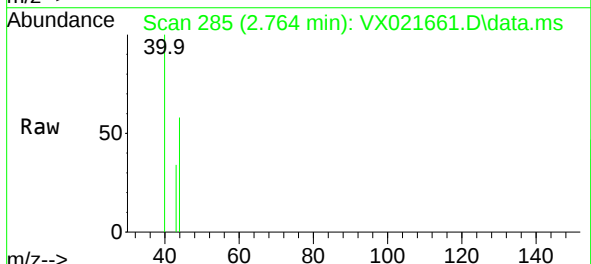
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.764 min Scan# 285
Delta R.T. 0.012 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



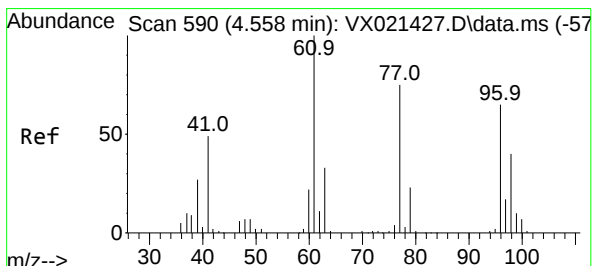
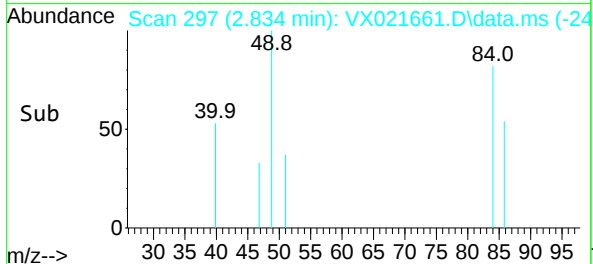
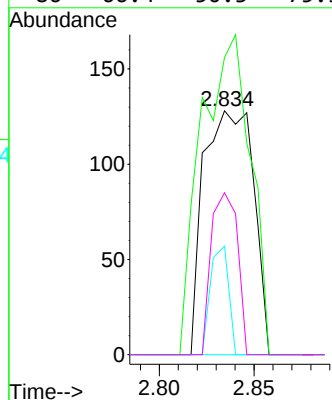
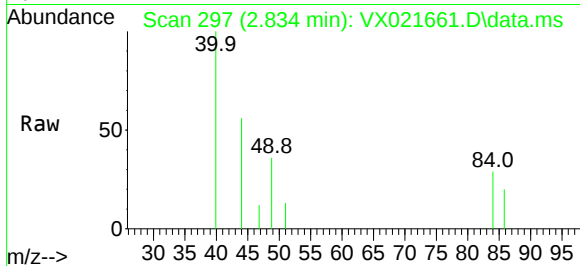


#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323

Tgt Ion: 84 Resp: 234

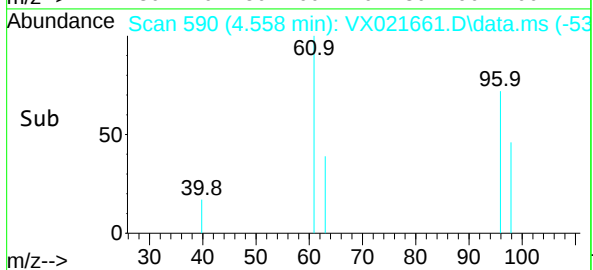
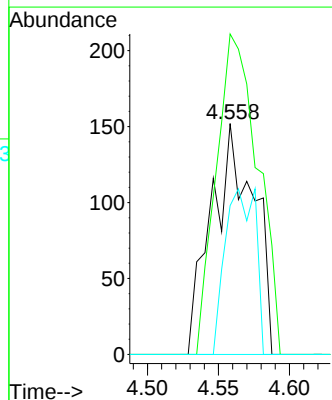
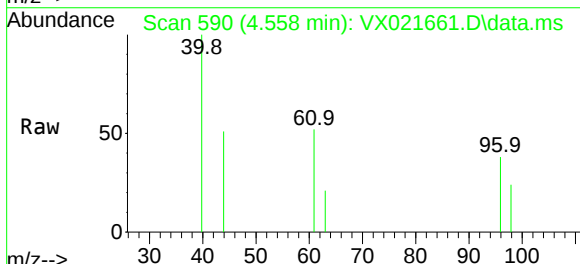
Ion	Ratio	Lower	Upper
84	100		
49	121.9	88.6	132.8
51	44.5	27.0	40.6#
86	66.4	50.3	75.5

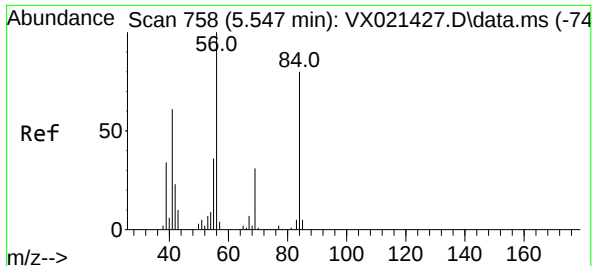


#27
cis-1,2-Dichloroethene
Concen: 0.42 ug/l
RT: 4.558 min Scan# 590
Delta R.T. 0.000 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

Tgt Ion: 96 Resp: 317

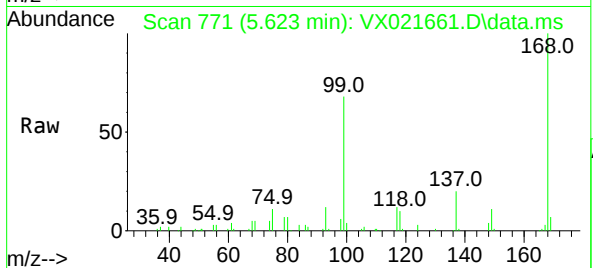
Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	285.6
98	51.1	0.0	129.6



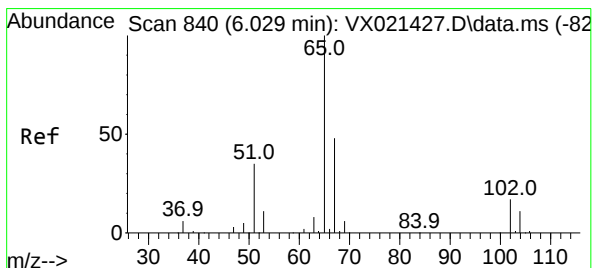
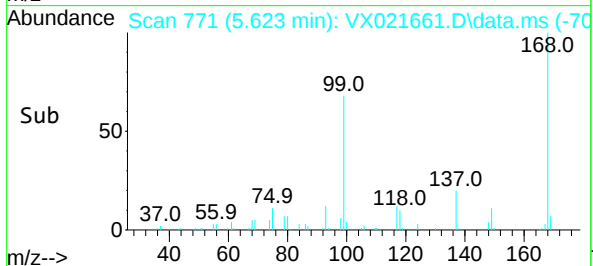
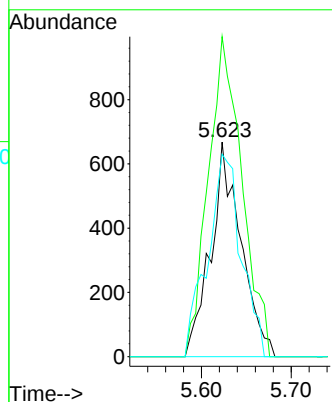


#31
Cyclohexane
Concen: 1.47 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323

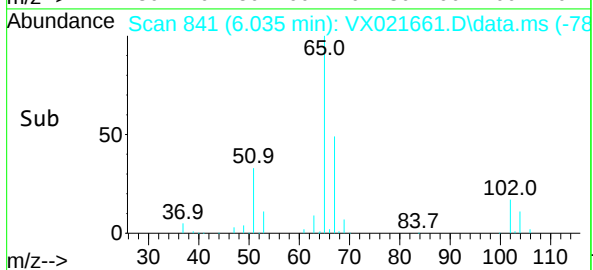
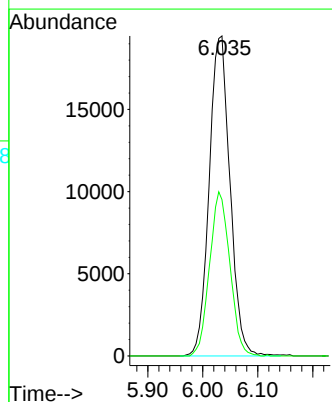
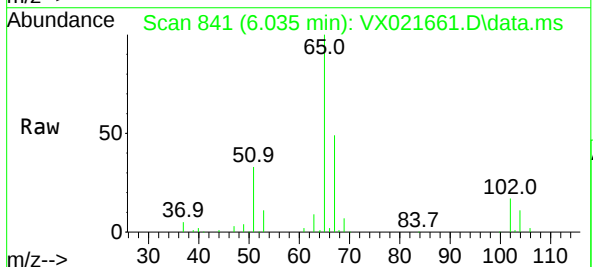


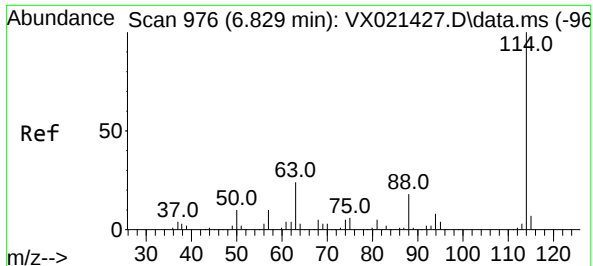
Tgt Ion: 56 Resp: 1562
Ion Ratio Lower Upper
56 100
69 149.1 25.3 37.9#
84 94.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.97 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

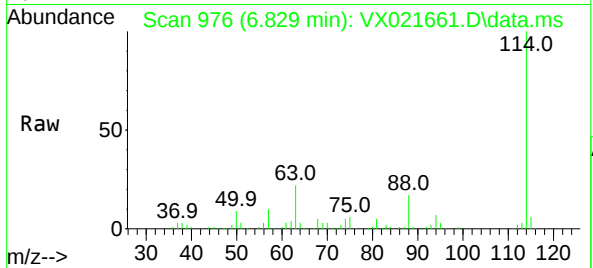
Tgt Ion: 65 Resp: 51251
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4



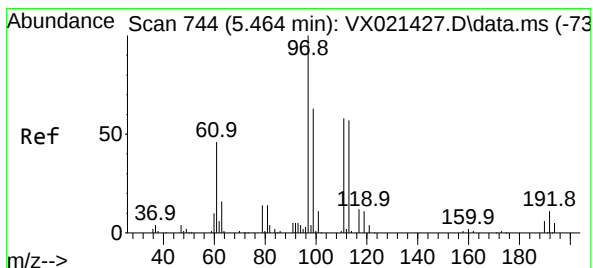
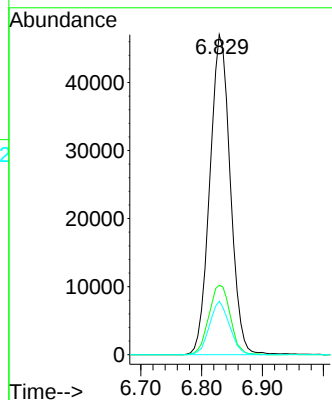
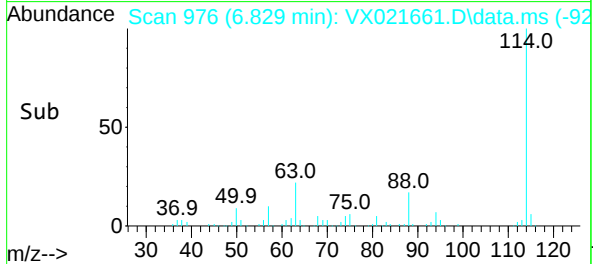


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

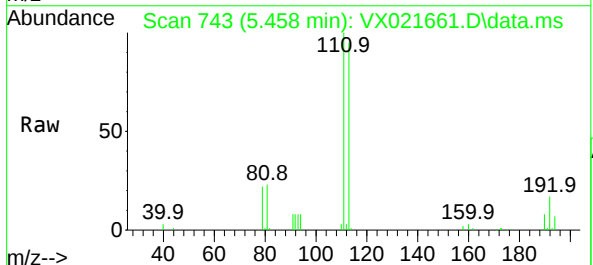
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323



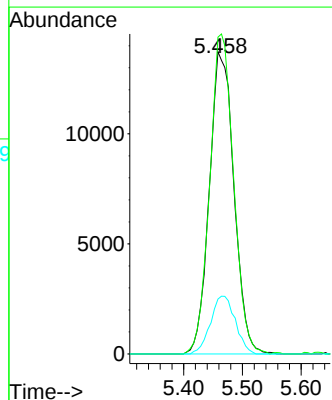
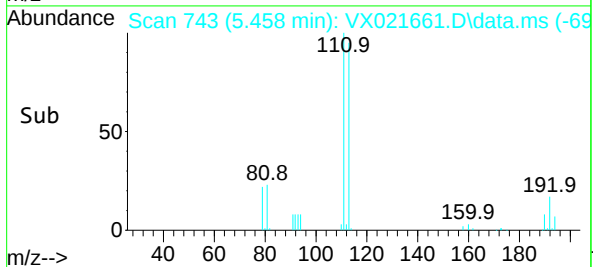
Tgt Ion:114 Resp: 109673
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 16.7 0.0 32.8

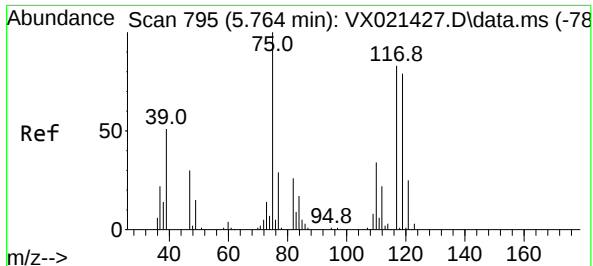


#35
Dibromofluoromethane
Concen: 51.25 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11



Tgt Ion:113 Resp: 39922
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.02 ug/l

RT: 5.623 min Scan# 771

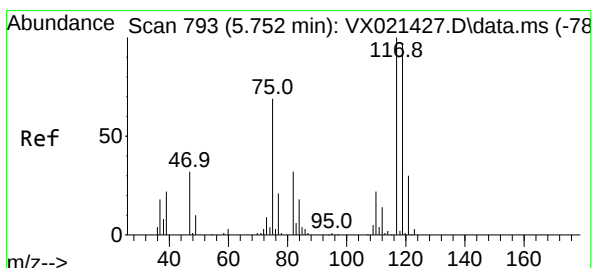
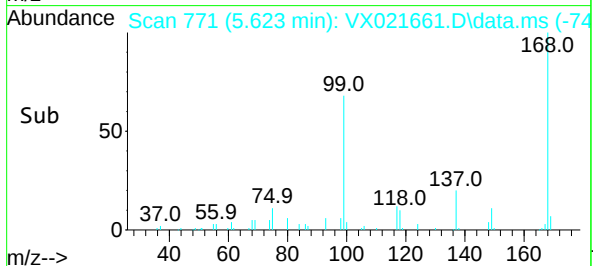
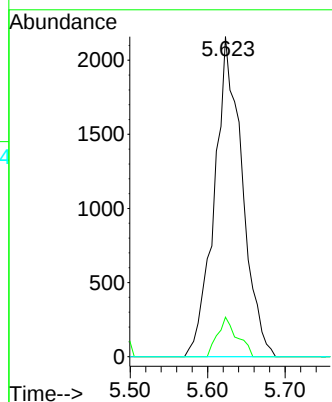
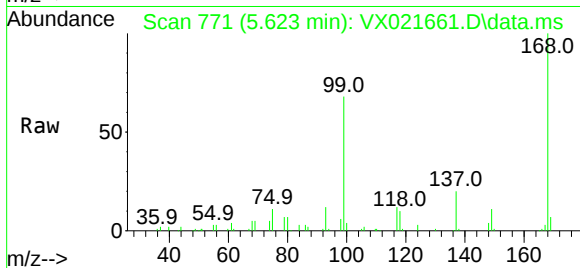
Delta R.T. -0.141 min

Lab File: VX021661.D

Acq: 31 Mar 2021 04:11

Tgt Ion:	75	Resp:	5392
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323



#38

Carbon Tetrachloride

Concen: 5.73 ug/l

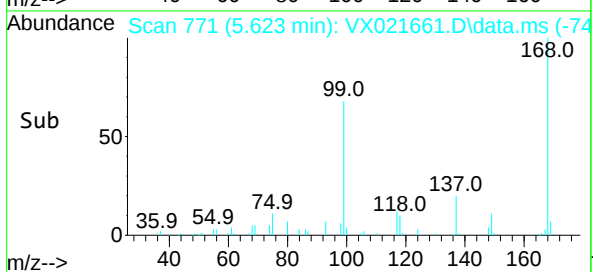
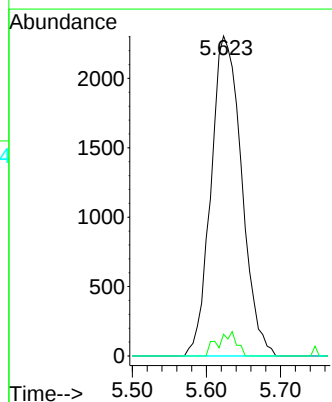
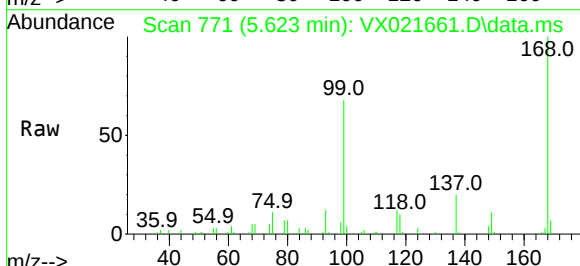
RT: 5.623 min Scan# 771

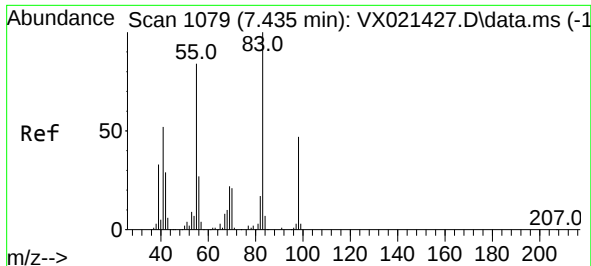
Delta R.T. -0.129 min

Lab File: VX021661.D

Acq: 31 Mar 2021 04:11

Tgt Ion:	117	Resp:	6620
Ion	Ratio	Lower	Upper
117	100		
119	6.8	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.46 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.253 min

Lab File: VX021661.D

Acq: 31 Mar 2021 04:11

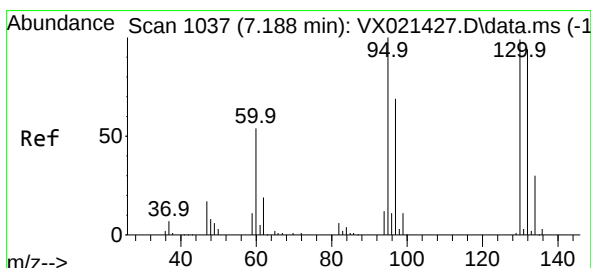
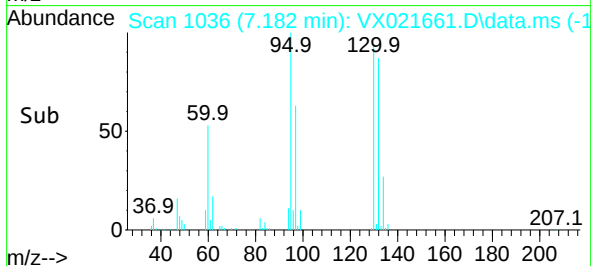
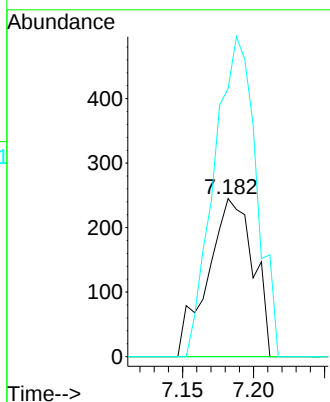
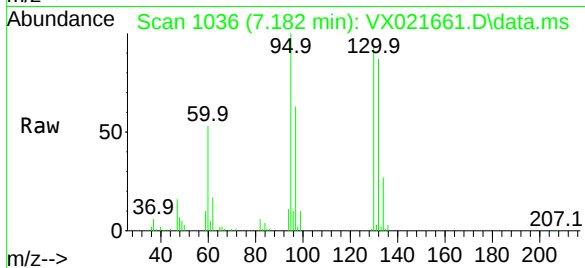
Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20210323

Tgt Ion: 83	Resp: 544
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 169.8	38.1 57.1#



#44

Trichloroethene

Concen: 49.60 ug/l

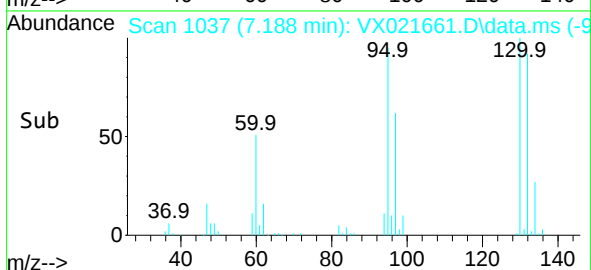
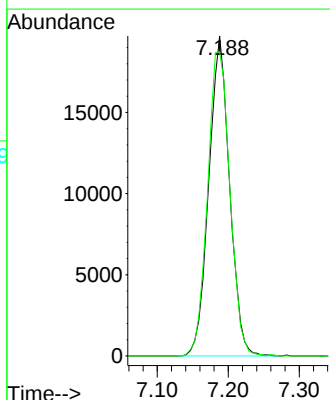
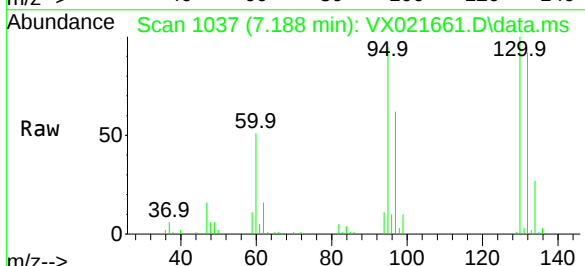
RT: 7.188 min Scan# 1037

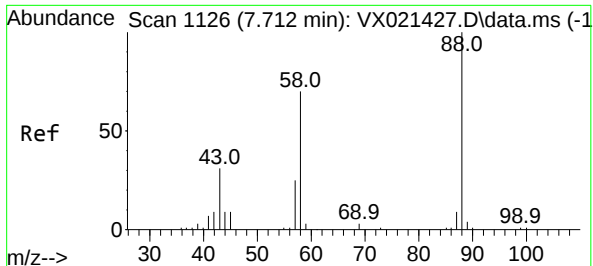
Delta R.T. -0.000 min

Lab File: VX021661.D

Acq: 31 Mar 2021 04:11

Tgt Ion: 130	Resp: 39944
Ion Ratio	Lower Upper
130 100	
95 95.0	0.0 198.0





#49

1,4-Dioxane

Concen: 13.13 ug/l

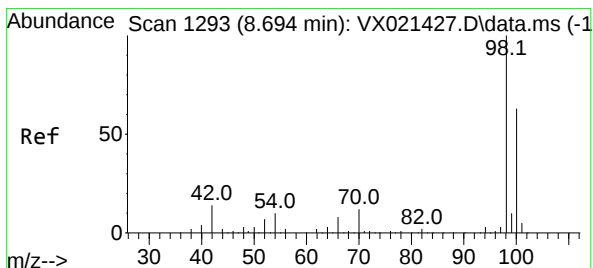
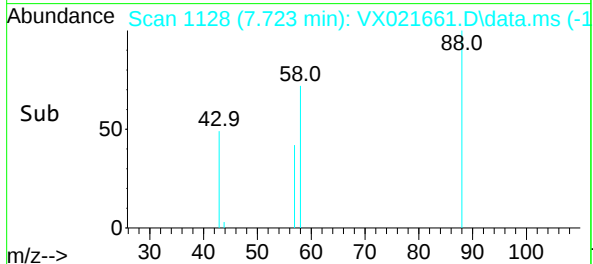
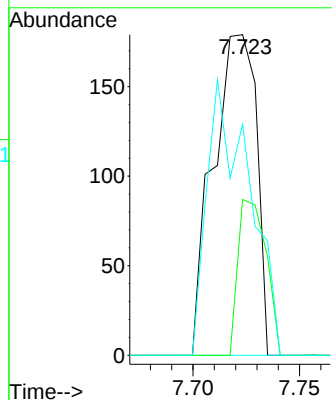
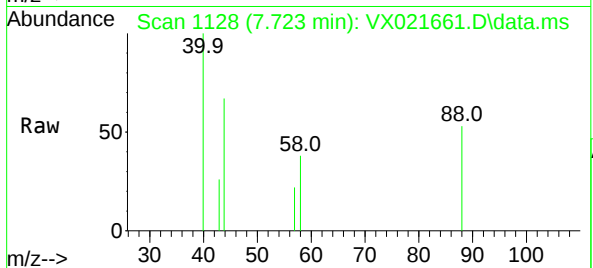
RT: 7.723 min Scan# 1128

Delta R.T. 0.011 min

Lab File: VX021661.D

Acq: 31 Mar 2021 04:11

Tgt Ion:	88	Resp:	253
Ion Ratio	Lower	Upper	
88	100		
43	31.6	23.2	34.8
58	84.2	55.0	82.4



#50

Toluene-d8

Concen: 50.17 ug/l

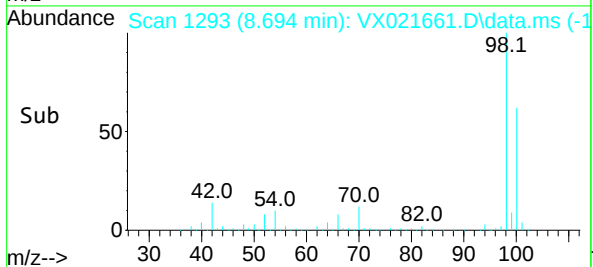
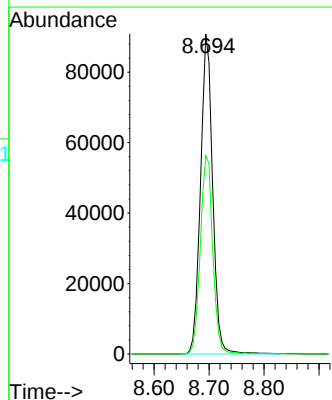
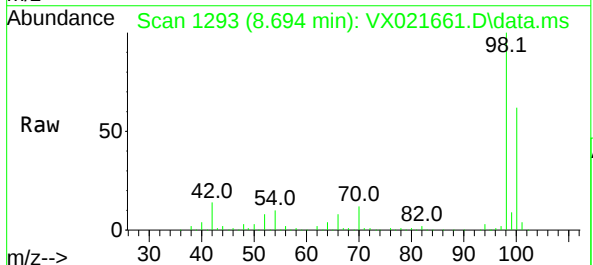
RT: 8.694 min Scan# 1293

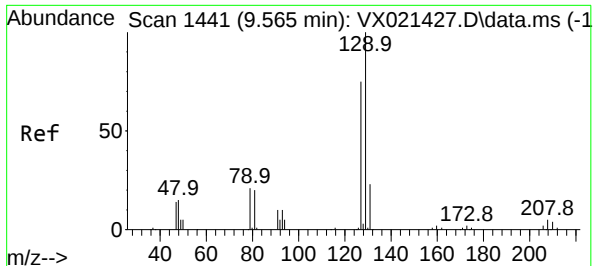
Delta R.T. -0.000 min

Lab File: VX021661.D

Acq: 31 Mar 2021 04:11

Tgt Ion:	98	Resp:	139265
Ion Ratio	Lower	Upper	
98	100		
100	64.0	51.9	77.9

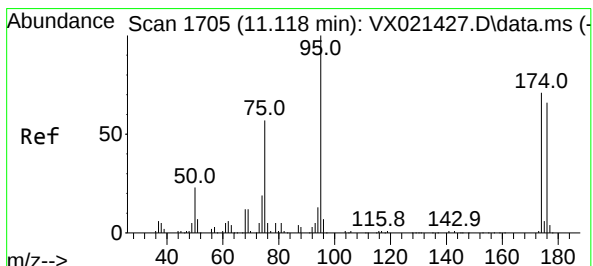
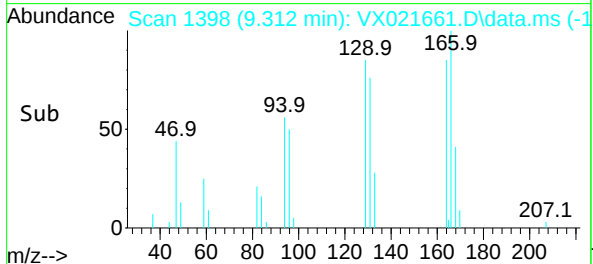
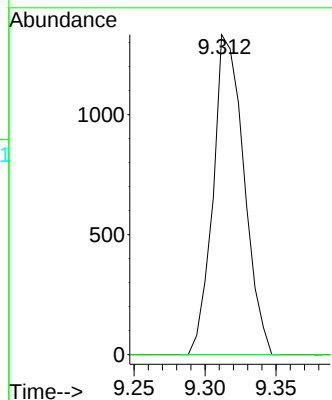
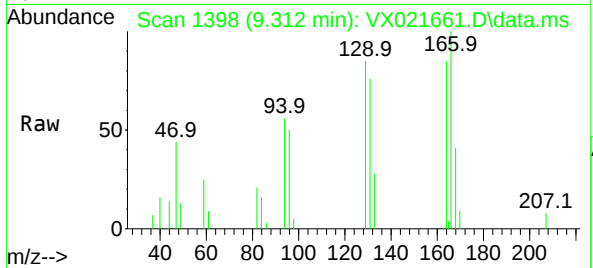




#60
Dibromochloromethane
Concen: 2.26 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.253 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

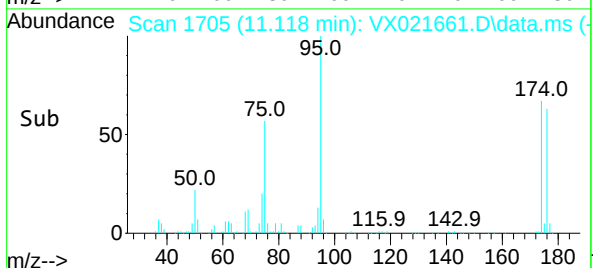
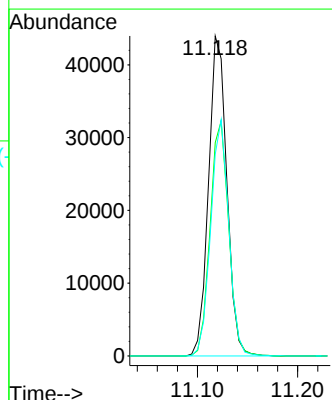
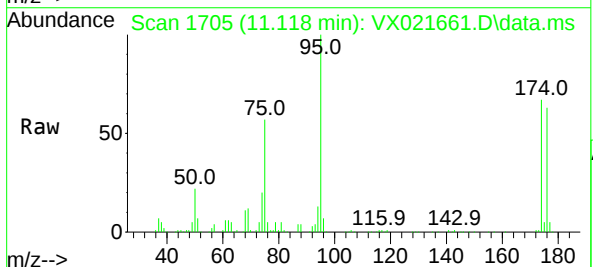
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323

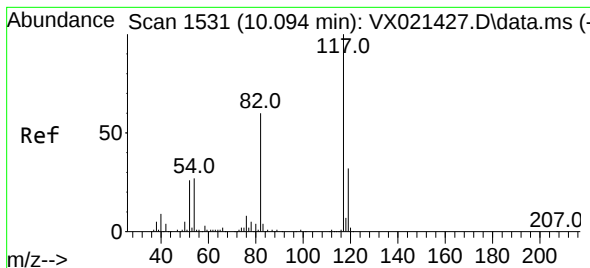
Tgt Ion:129 Resp: 2012
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 51.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

Tgt Ion: 95 Resp: 55712
Ion Ratio Lower Upper
95 100
174 74.3 0.0 154.6
176 72.6 0.0 155.8

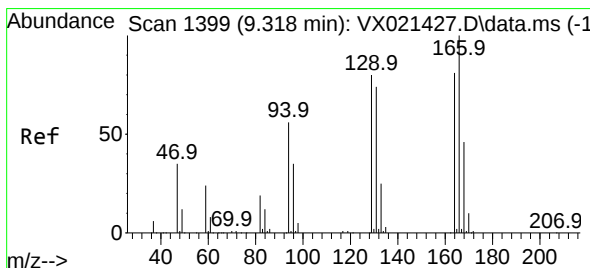
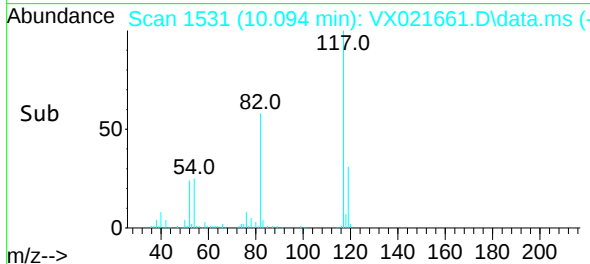
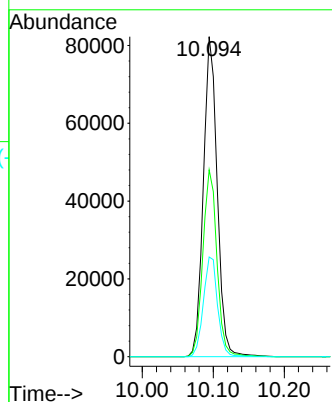
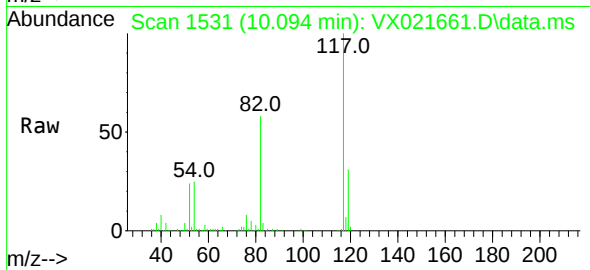




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

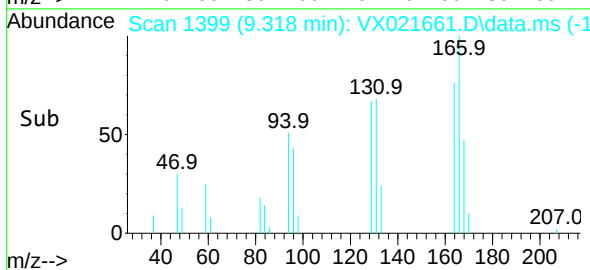
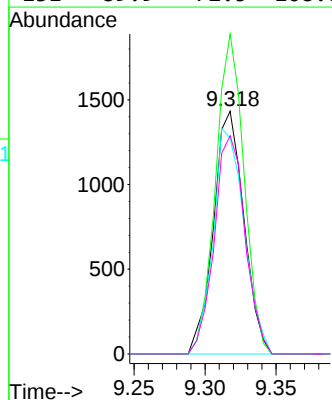
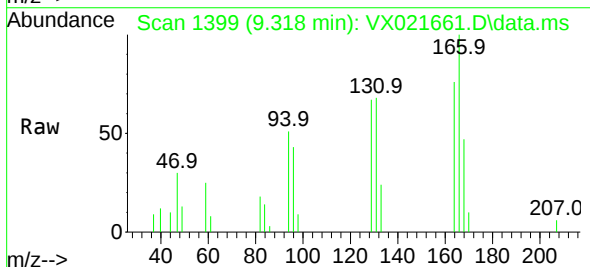
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20210323

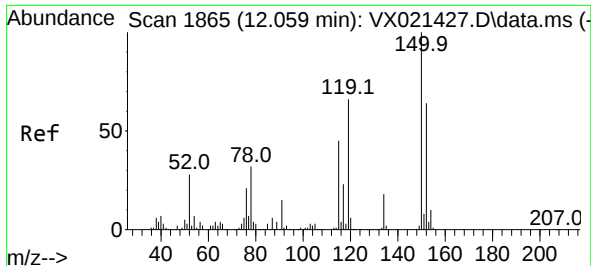
Tgt Ion:117 Resp: 111912
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.1 26.6 39.8



#64
Tetrachloroethene
Concen: 2.84 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021661.D
Acq: 31 Mar 2021 04:11

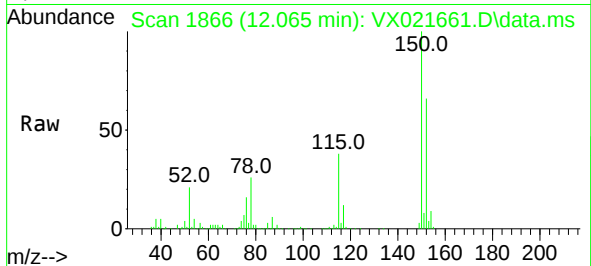
Tgt Ion:164 Resp: 2129
Ion Ratio Lower Upper
164 100
166 131.8 103.4 155.2
129 88.9 70.8 106.2
131 89.9 72.5 108.7



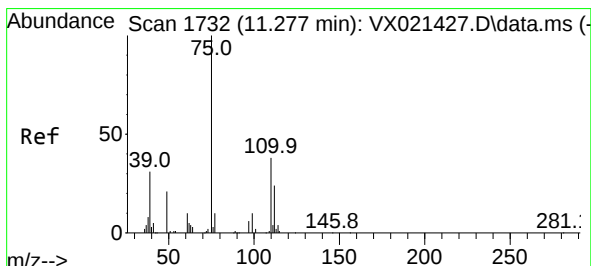
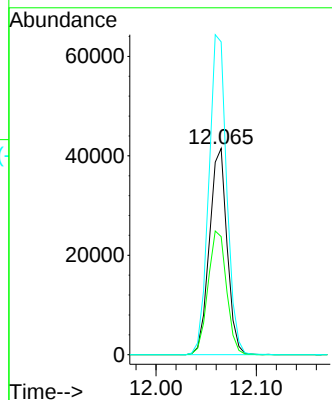
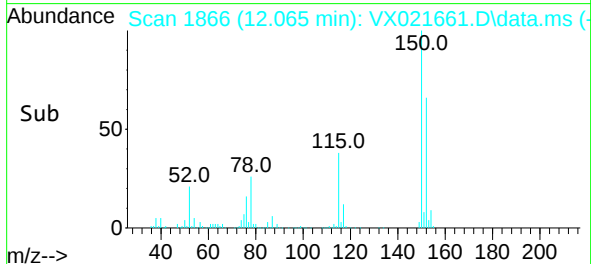


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. 0.006 min
 Lab File: VX021661.D
 Acq: 31 Mar 2021 04:11

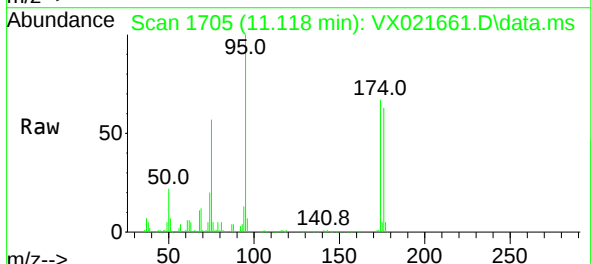
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20210323



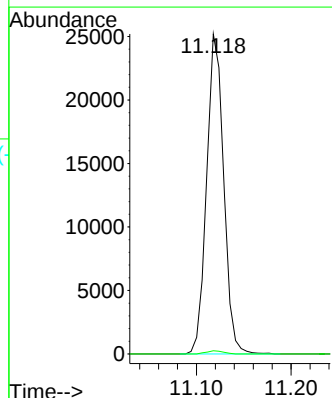
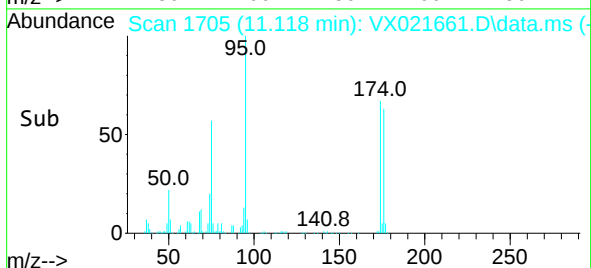
Tgt Ion:152 Resp: 50853
 Ion Ratio Lower Upper
 152 100
 115 62.9 41.1 123.3
 150 157.1 0.0 349.0

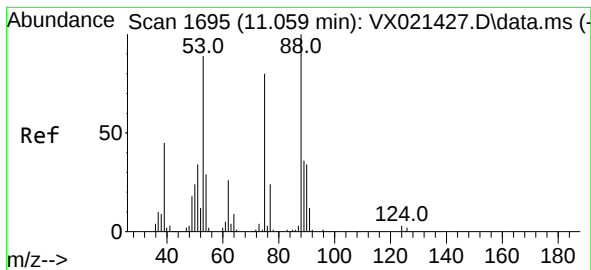


#76
 1,2,3-Trichloropropane
 Concen: 26.60 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021661.D
 Acq: 31 Mar 2021 04:11



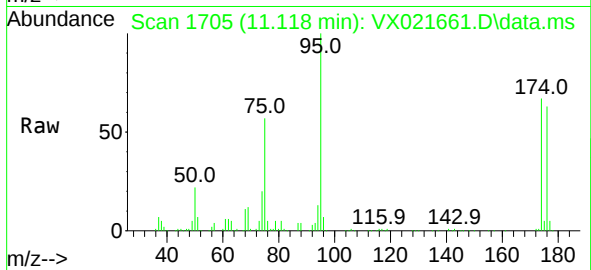
Tgt Ion: 75 Resp: 31493
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.03 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021661.D
 Acq: 31 Mar 2021 04:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20210323



Tgt Ion: 75 Resp: 31493
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

