

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021438.D
 Acq On : 24 Mar 2021 16:10
 Operator : JC/MD
 Sample : M1735-10 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210315

Quant Time: Mar 25 02:54:03 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)

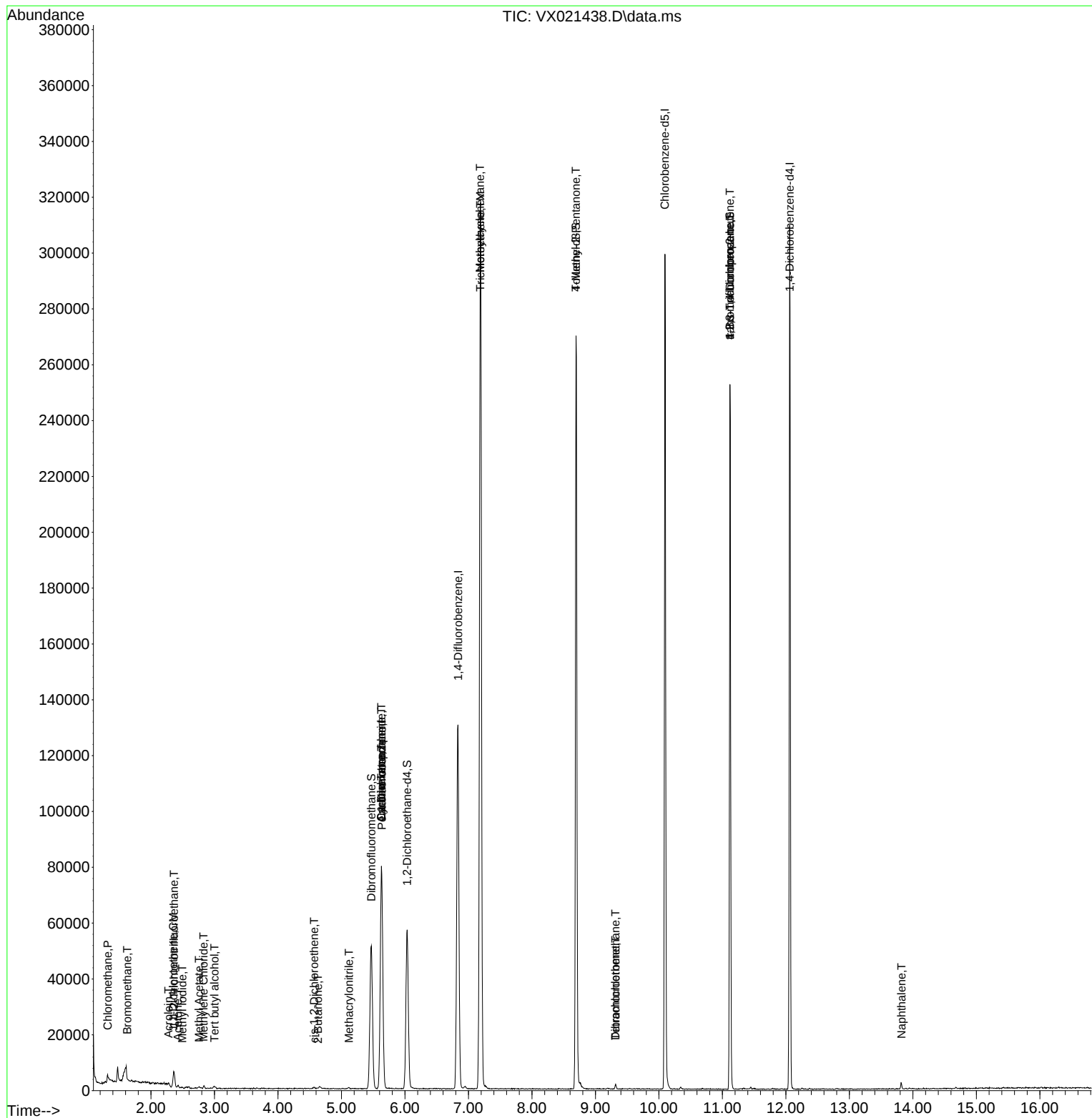
Internal Standards						
1) Pentafluorobenzene	5.635	168	67494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	122950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	56789	50.57	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.14%			
35) Dibromofluoromethane	5.470	113	42707	48.90	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.80%			
50) Toluene-d8	8.694	98	155296	49.90	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.80%			
62) 4-Bromofluorobenzene	11.118	95	65470	54.11	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.22%			
Target Compounds						Qvalue
3) Chloromethane	1.317	50	2500	2.97	ug/l	93
5) Bromomethane	1.629	94	232	0.76	ug/l #	62
9) 1,1,2-Trichlorotrifluo...	2.364	101	1649	2.37	ug/l	97
10) Methyl Iodide	2.493	142	168	6.91	ug/l #	61
11) Tert butyl alcohol	2.999	59	533	2.87	ug/l #	73
12) 1,1-Dichloroethene	2.352	96	632	0.93	ug/l	82
13) Acrolein	2.276	56	90	5.24	ug/l #	14
16) Acetone	2.423	43	1027	2.42	ug/l	100
18) Methyl Acetate	2.758	43	860	0.70	ug/l #	80
20) Methylene Chloride	2.829	84	252	0.30	ug/l #	80
25) 2-Butanone	4.629	43	161	0.25	ug/l #	45
27) cis-1,2-Dichloroethene	4.570	96	183	0.21	ug/l	22
31) Cyclohexane	5.629	56	2057	1.67	ug/l #	23
36) 1,1-Dichloropropene	5.629	75	6399	5.31	ug/l #	49
38) Carbon Tetrachloride	5.629	117	7503	5.80	ug/l #	17
39) Methylcyclohexane	7.182	83	1563	1.17	ug/l #	1
41) Methacrylonitrile	5.117	41	265	0.33	ug/l #	36
44) Trichloroethene	7.188	130	111768	123.81	ug/l	91
51) 4-Methyl-2-Pentanone	8.694	43	1024	0.74	ug/l #	1
60) Dibromochloromethane	9.318	129	270	0.27	ug/l #	11
64) Tetrachloroethene	9.318	164	232	0.28	ug/l	94
76) 1,2,3-Trichloropropane	11.118	75	36074	27.58	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	36074	84.00	ug/l #	12
95) Naphthalene	13.818	128	1409	0.38	ug/l	98

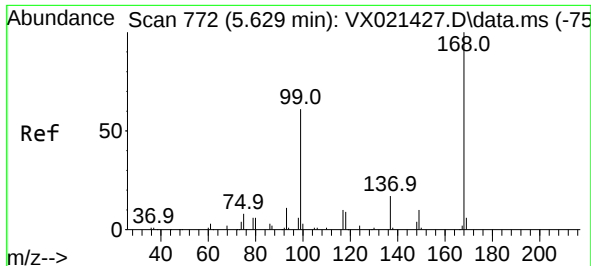
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE132D6-20210315

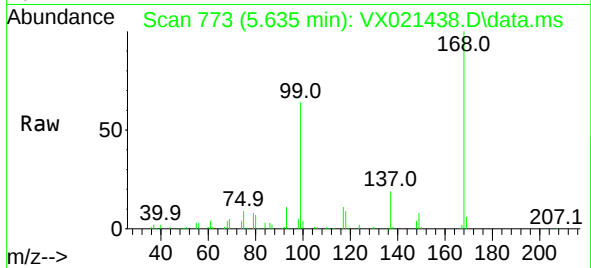
Quant Time: Mar 25 02:54:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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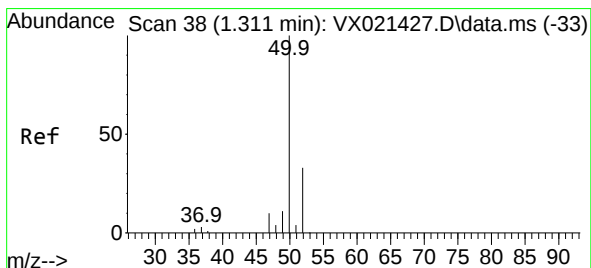
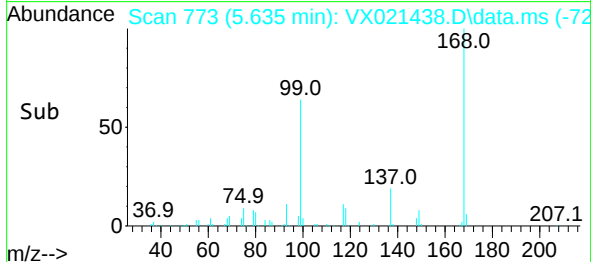
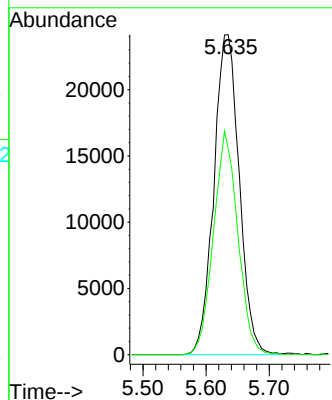


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Instrument :
MSVOA_X
ClientSampleId :
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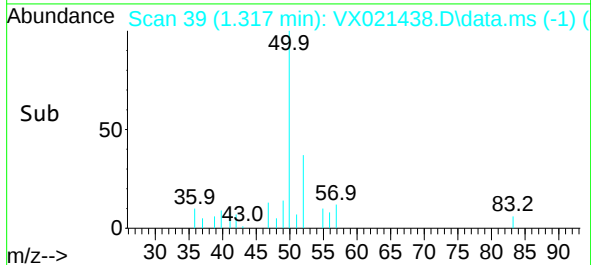
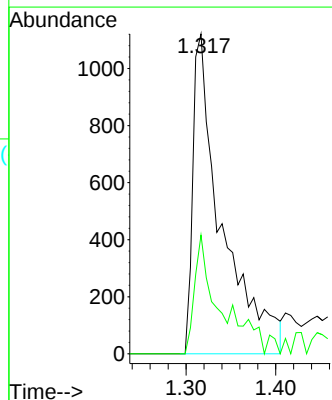
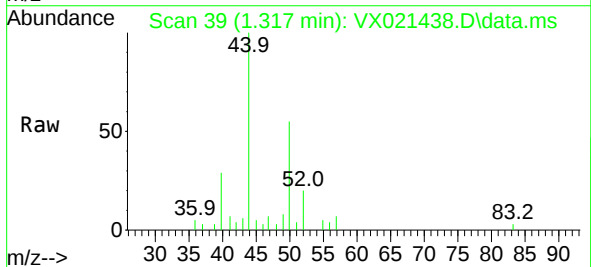


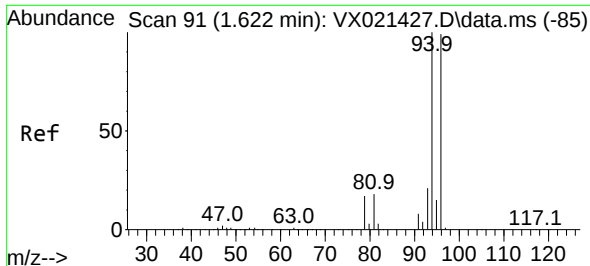
Tgt Ion:168 Resp: 67494
Ion Ratio Lower Upper
168 100
99 64.5 45.8 68.6



#3
Chloromethane
Concen: 2.97 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

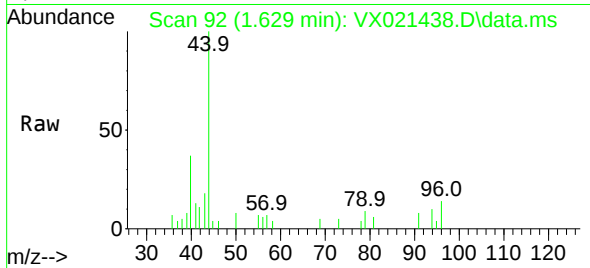
Tgt Ion: 50 Resp: 2500
Ion Ratio Lower Upper
50 100
52 37.1 26.4 39.6



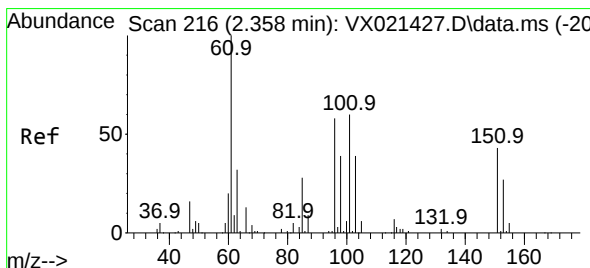
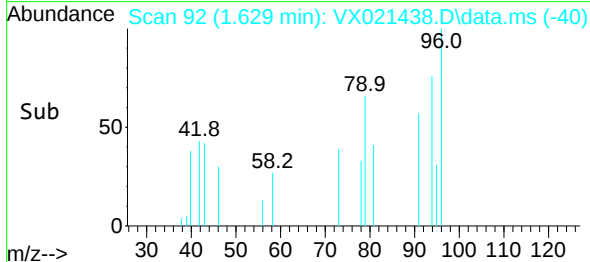
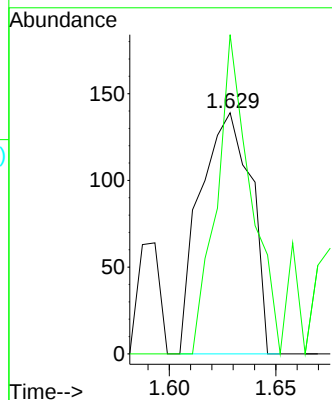


#5
Bromomethane
Concen: 0.76 ug/l
RT: 1.629 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Instrument :
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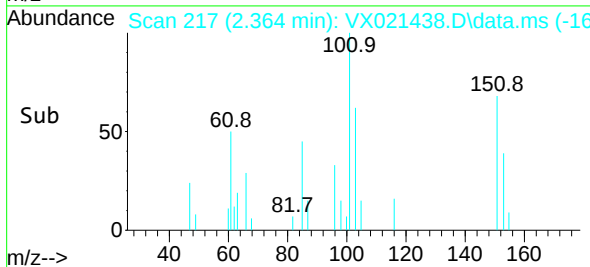
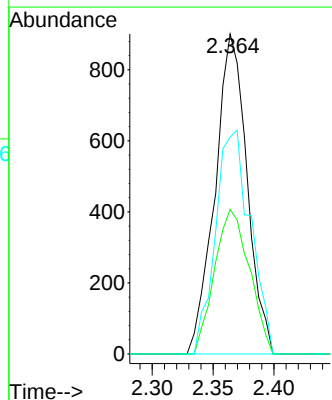
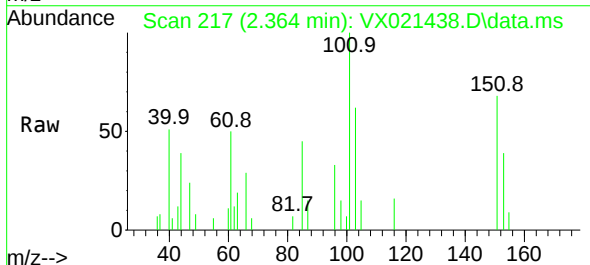


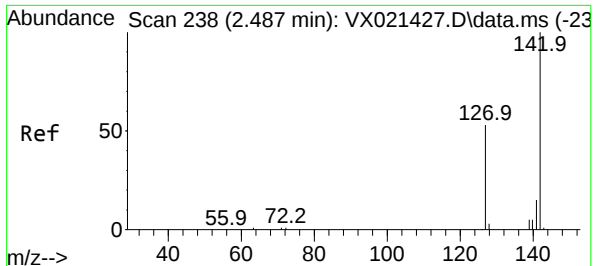
Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 132.4 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.37 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Tgt Ion: 101 Resp: 1649
Ion Ratio Lower Upper
101 100
85 49.2 34.9 52.3
151 76.4 61.4 92.2

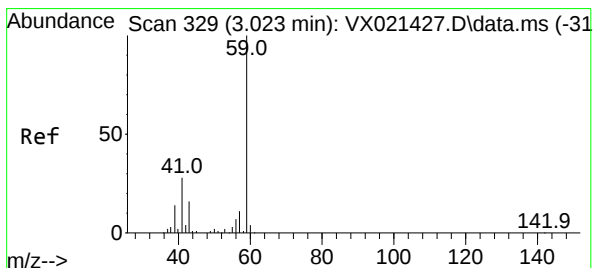
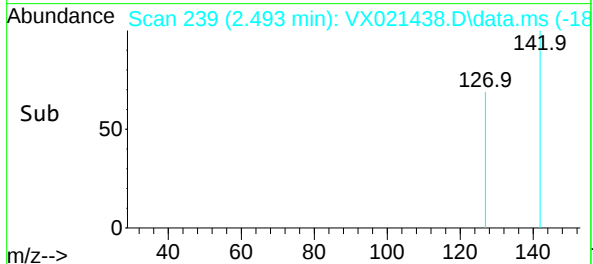
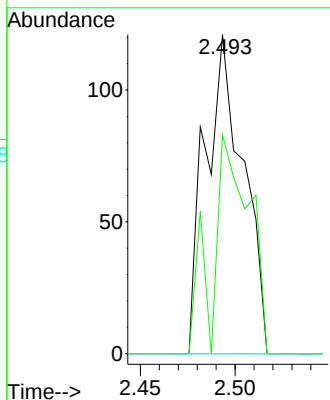
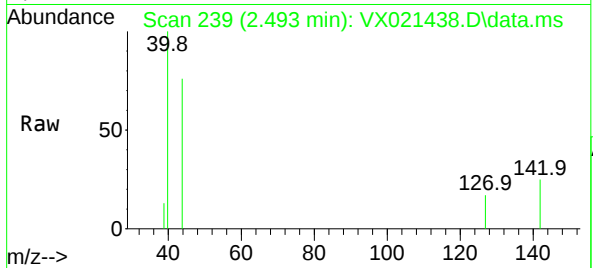




#10
Methyl Iodide
Concen: 6.91 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

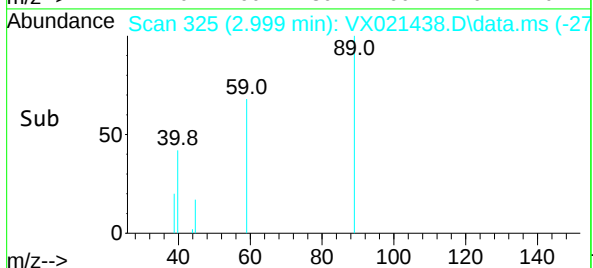
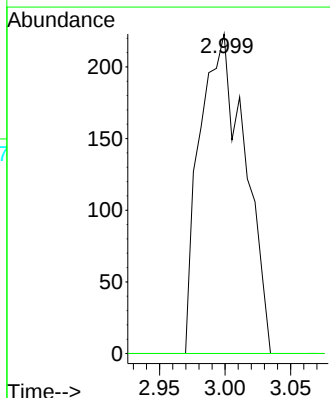
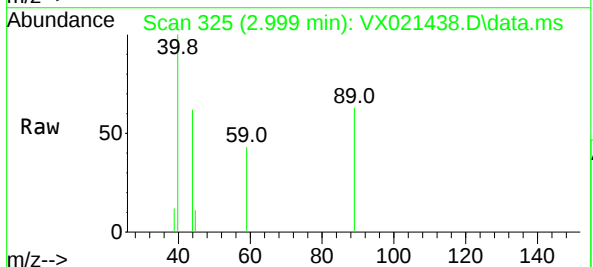
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

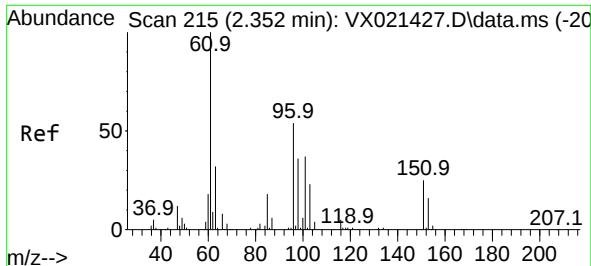
Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
127 67.3 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.87 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Tgt Ion: 59 Resp: 533
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

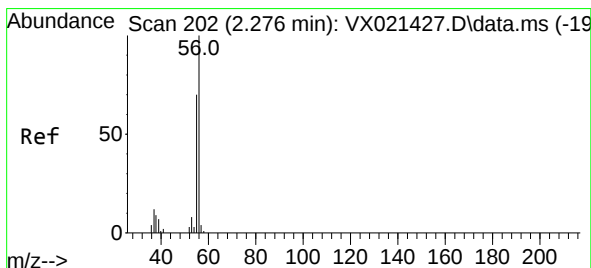
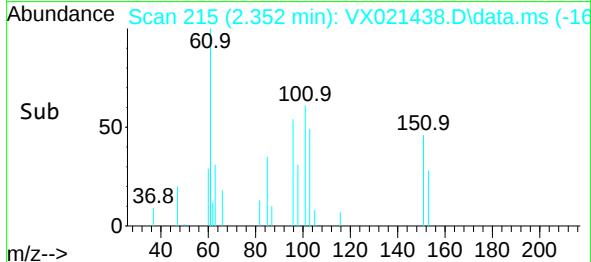
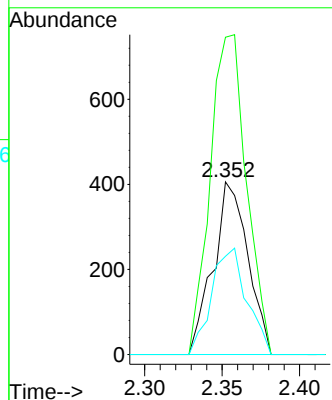
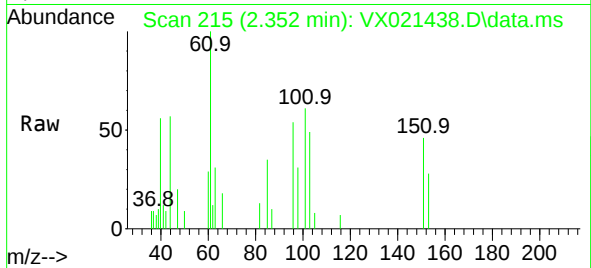




#12
1,1-Dichloroethene
Concen: 0.93 ug/l
RT: 2.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

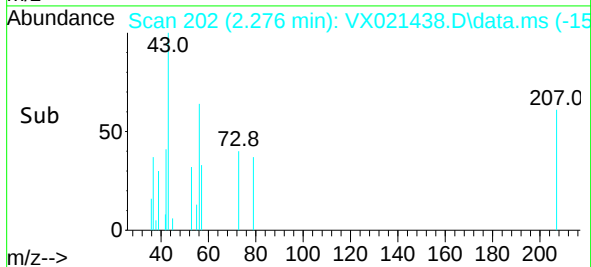
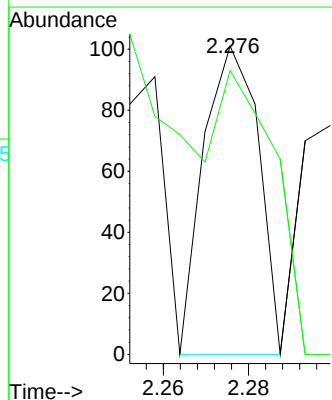
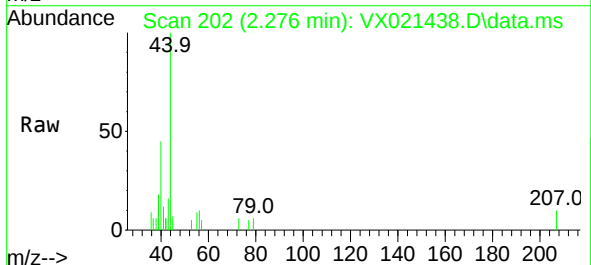
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

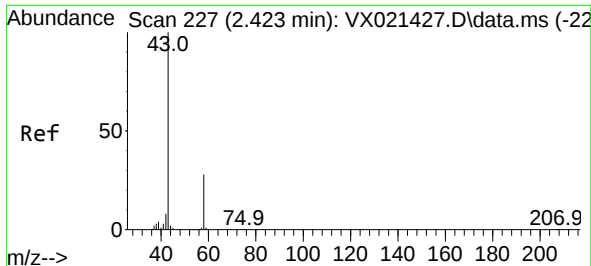
Tgt Ion: 96 Resp: 632
Ion Ratio Lower Upper
96 100
61 183.7 124.6 187.0
98 56.9 50.6 76.0



#13
Acrolein
Concen: 5.24 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

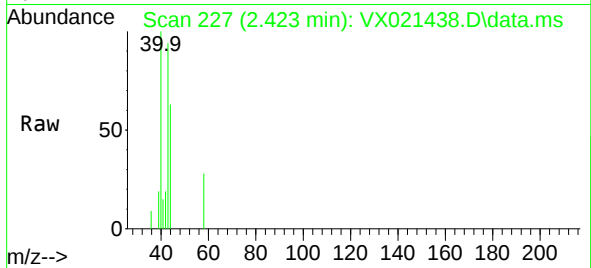
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



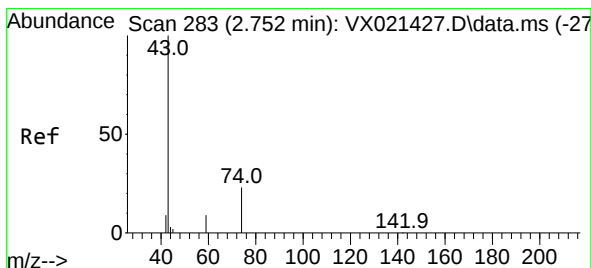
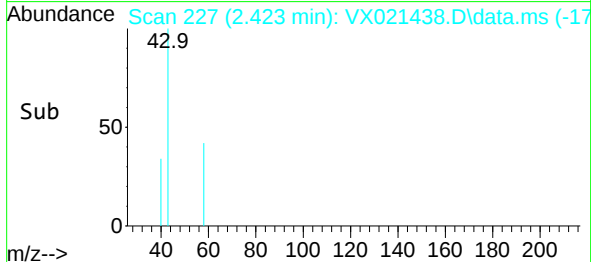
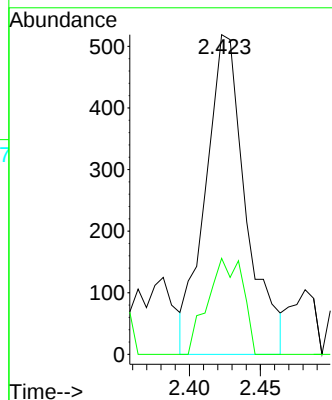


#16
Acetone
Concen: 2.42 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Instrument :
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ClientSampleId :
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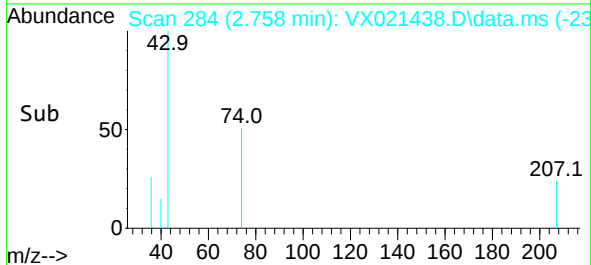
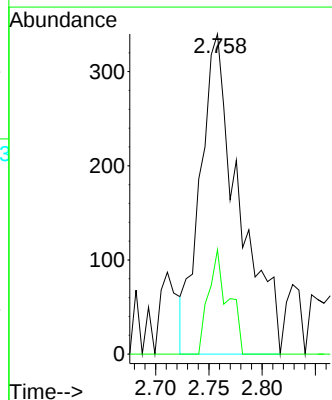
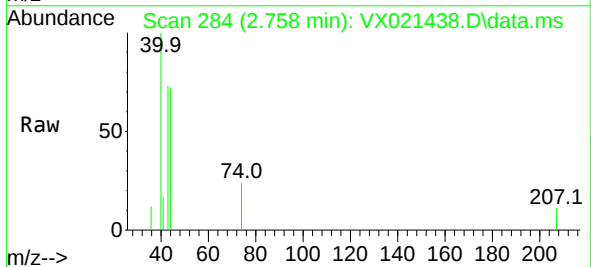


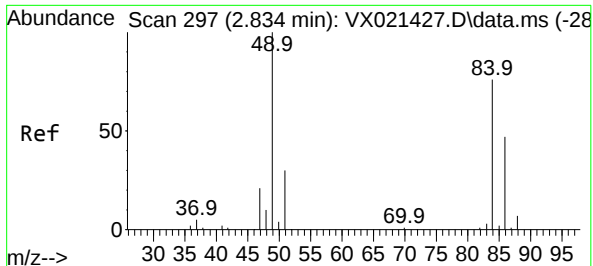
Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.70 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
74 16.7 21.9 32.9#





#20

Methylene Chloride

Concen: 0.30 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021438.D

Acq: 24 Mar 2021 16:10

Tgt Ion: 84 Resp: 252

Ion Ratio Lower Upper

84 100

49 98.8 88.6 132.8

51 48.5 27.0 40.6#

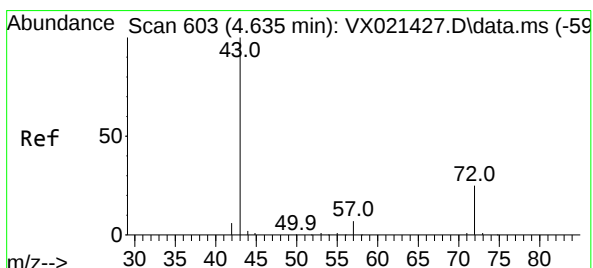
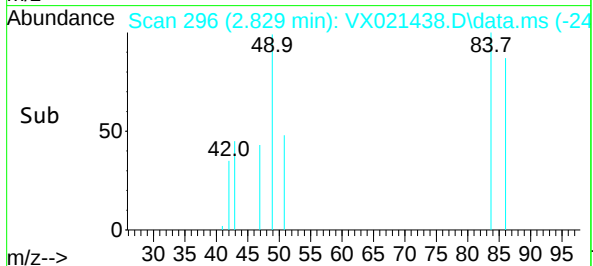
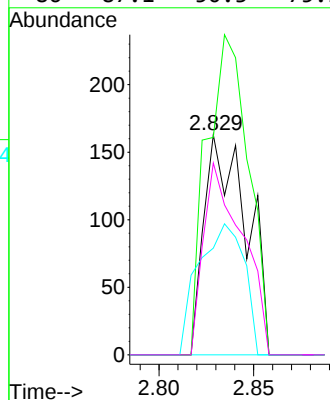
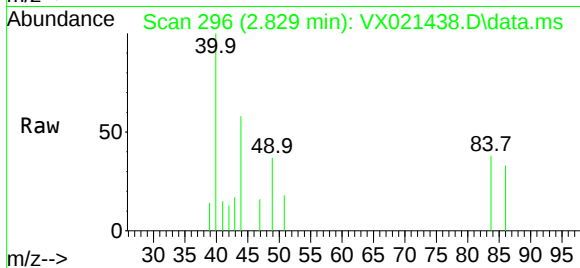
86 87.1 50.3 75.5#

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20210315



#25

2-Butanone

Concen: 0.25 ug/l

RT: 4.629 min Scan# 602

Delta R.T. -0.006 min

Lab File: VX021438.D

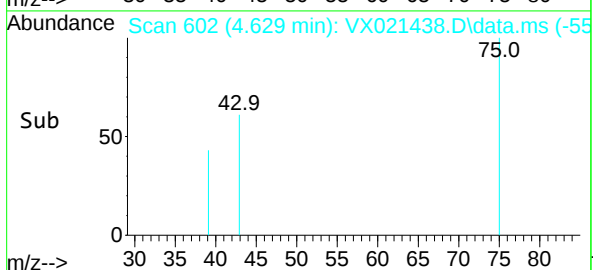
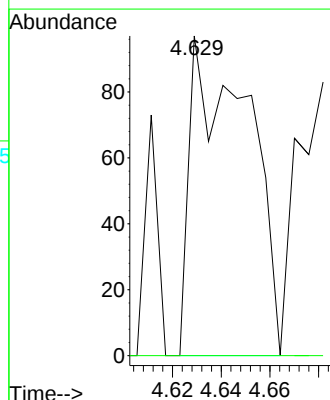
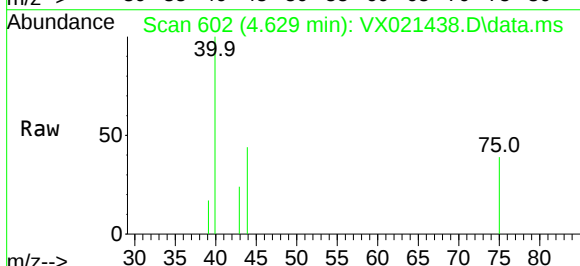
Acq: 24 Mar 2021 16:10

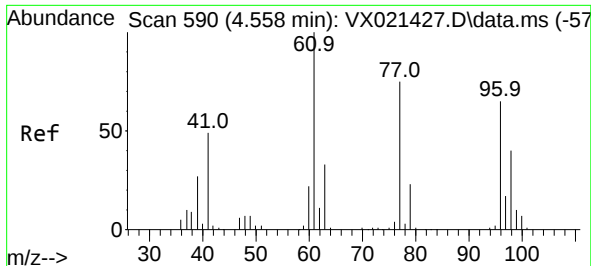
Tgt Ion: 43 Resp: 161

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.21 ug/l

RT: 4.570 min Scan# 592

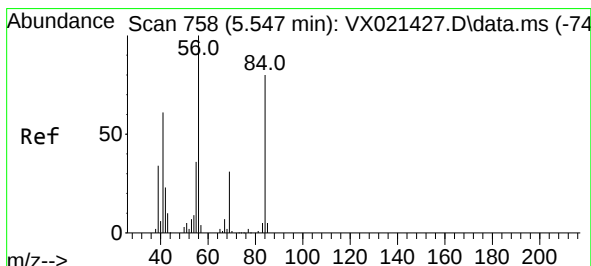
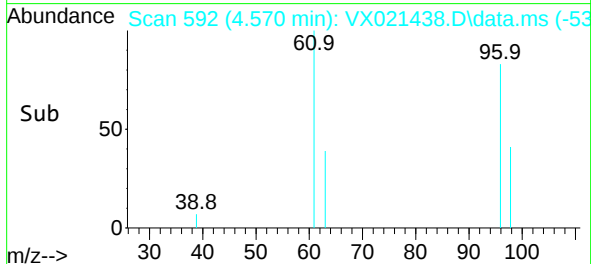
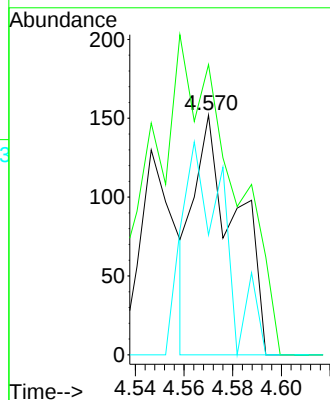
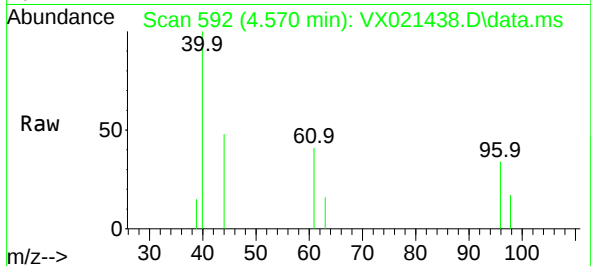
Delta R.T. 0.012 min

Lab File: VX021438.D

Acq: 24 Mar 2021 16:10

Tgt Ion:	96	Resp:	183
Ion	Ratio	Lower	Upper
96	100		
61	266.1	0.0	285.6
98	89.1	0.0	129.6

Instrument :
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#31

Cyclohexane

Concen: 1.67 ug/l

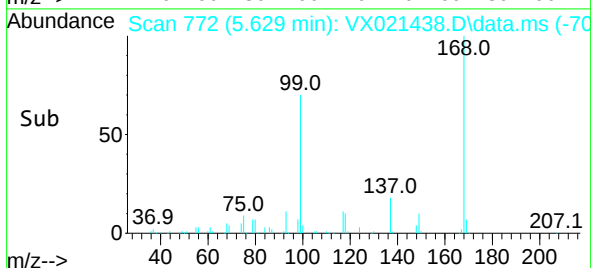
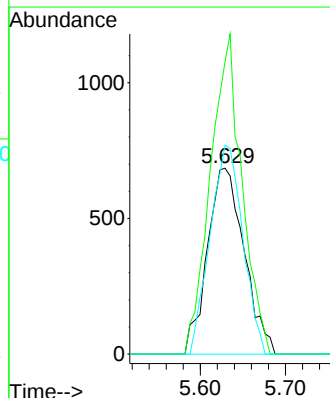
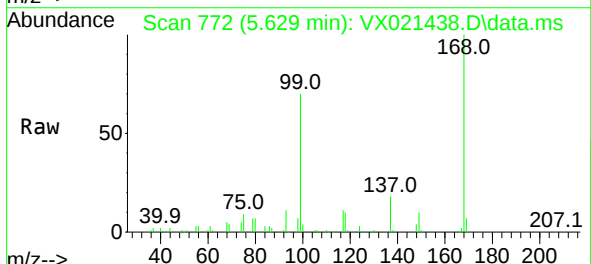
RT: 5.629 min Scan# 772

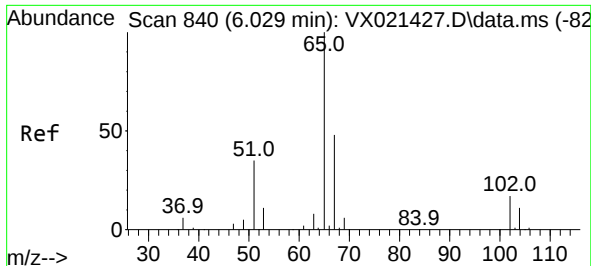
Delta R.T. 0.082 min

Lab File: VX021438.D

Acq: 24 Mar 2021 16:10

Tgt Ion:	56	Resp:	2057
Ion	Ratio	Lower	Upper
56	100		
69	157.1	25.3	37.9#
84	112.4	71.4	107.0#

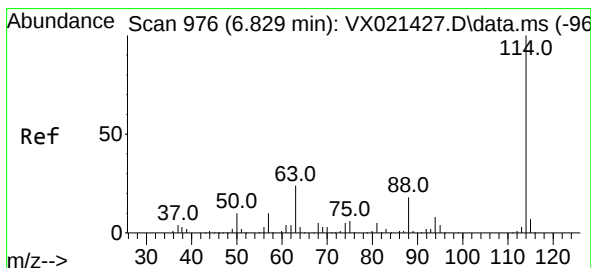
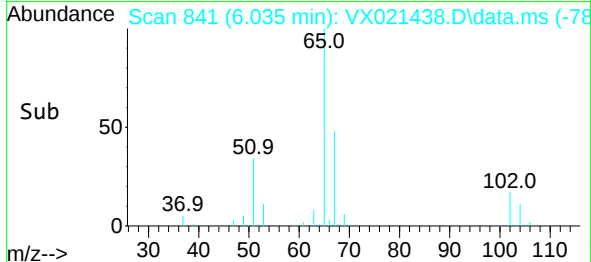
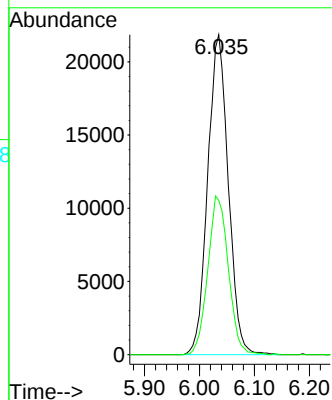
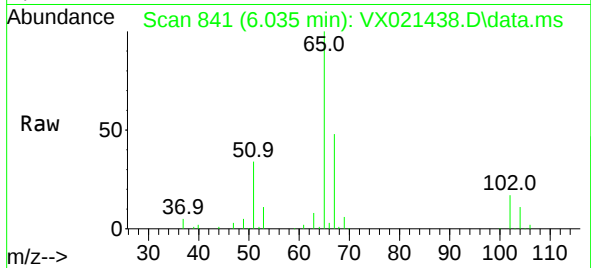




#33
 1,2-Dichloroethane-d4
 Concen: 50.57 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021438.D
 Acq: 24 Mar 2021 16:10

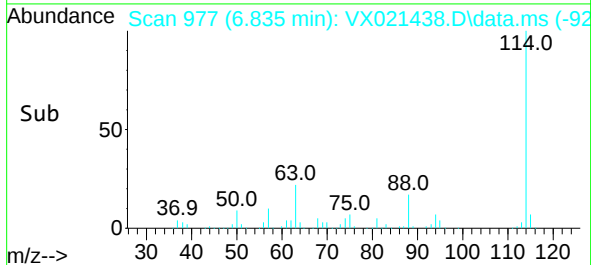
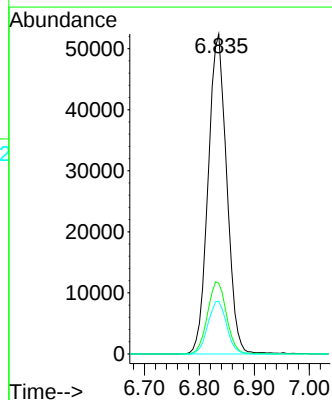
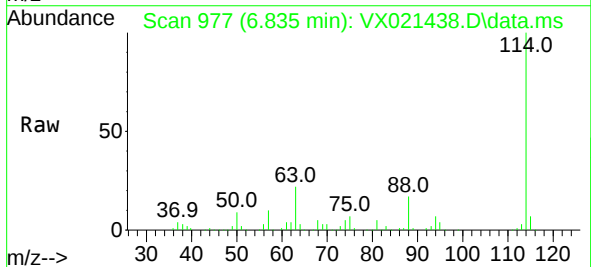
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210315

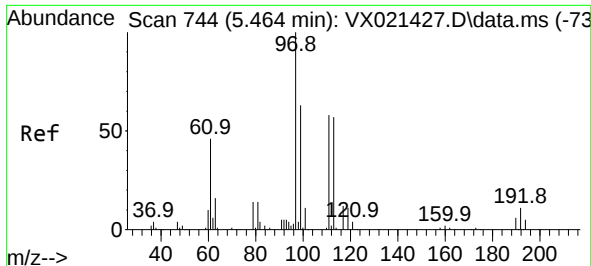
Tgt Ion: 65 Resp: 56789
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.835 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VX021438.D
 Acq: 24 Mar 2021 16:10

Tgt Ion: 114 Resp: 122950
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 40.8
 88 16.5 0.0 32.8

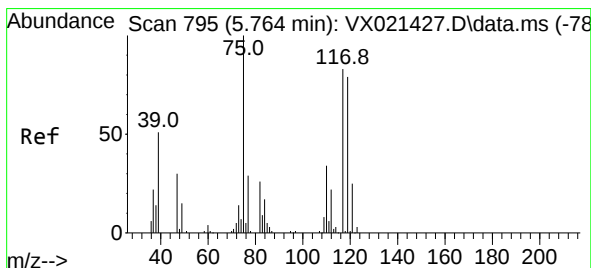
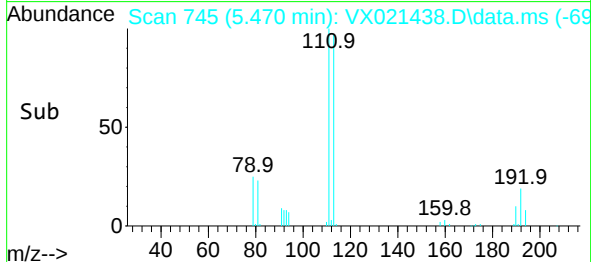
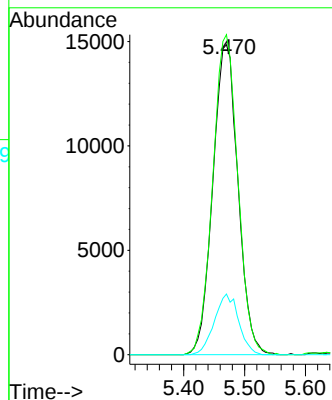
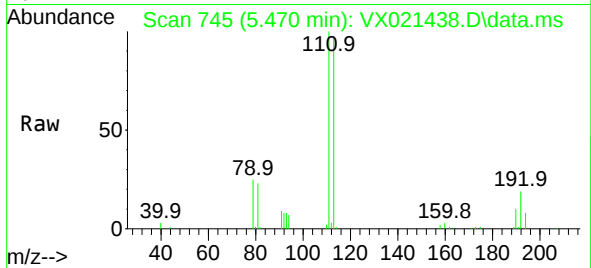




#35
Dibromofluoromethane
Concen: 48.90 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

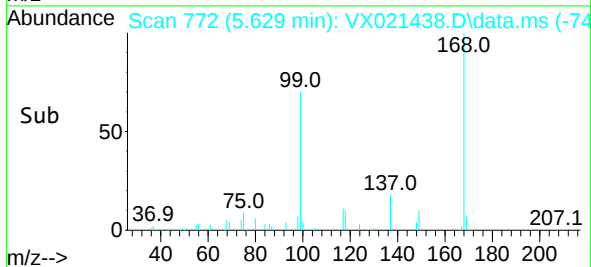
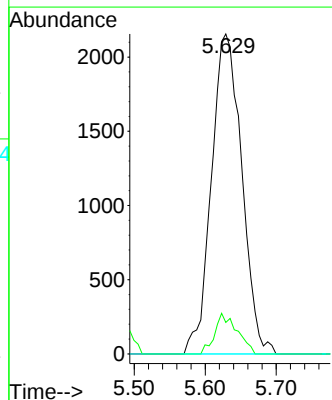
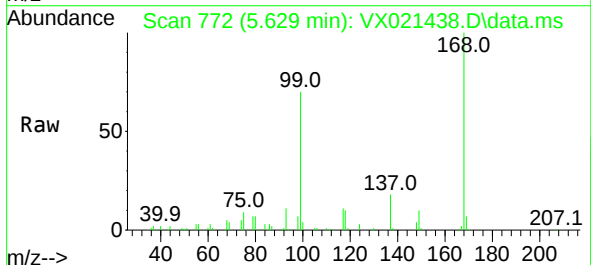
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

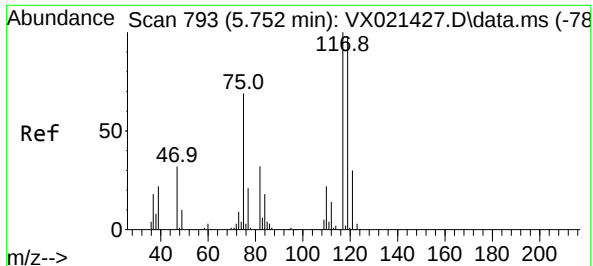
Tgt Ion:113 Resp: 42707
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.31 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

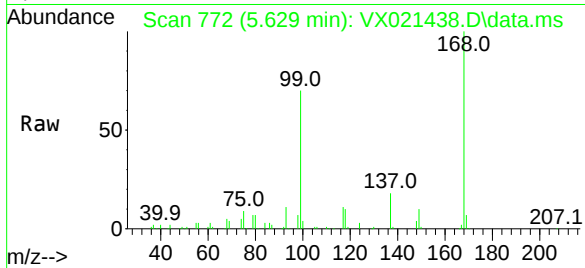
Tgt Ion: 75 Resp: 6399
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



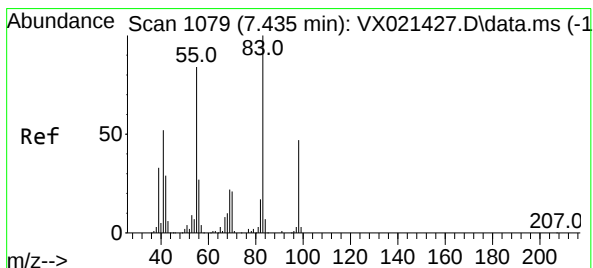
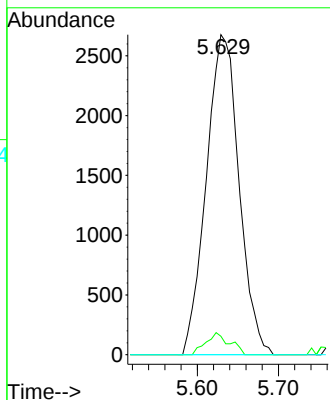
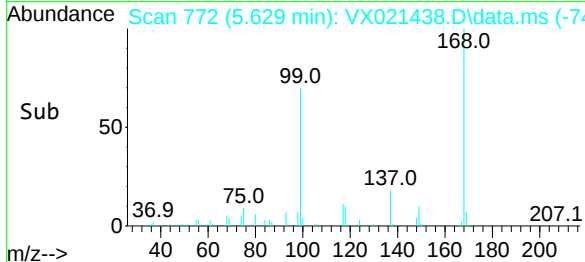


#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

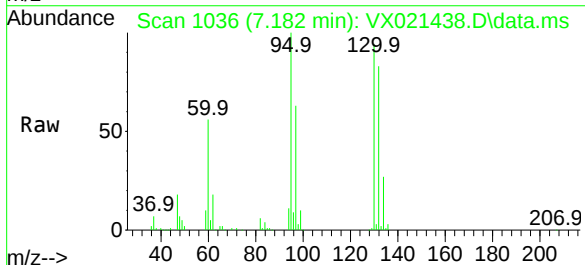
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315



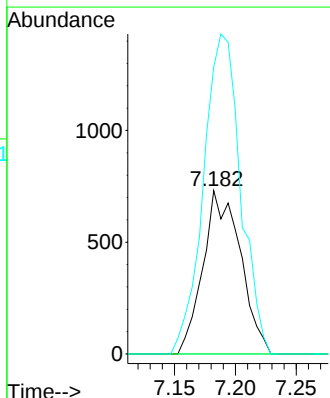
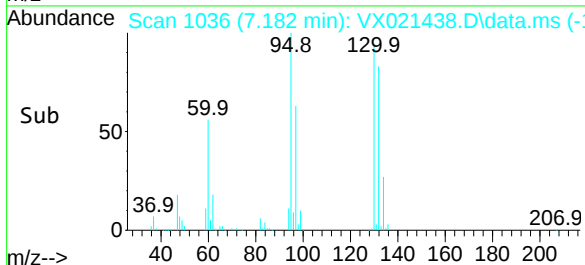
Tgt Ion:117 Resp: 7503
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

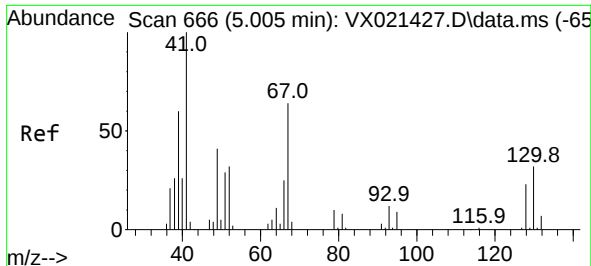


#39
Methylcyclohexane
Concen: 1.17 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.253 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10



Tgt Ion: 83 Resp: 1563
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 175.6 38.1 57.1#

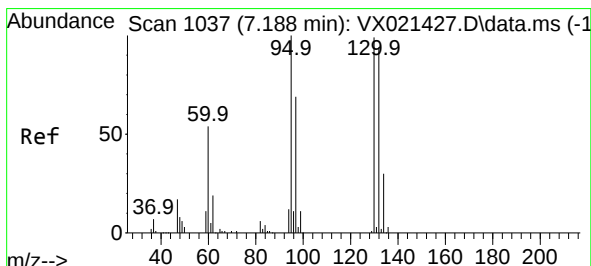
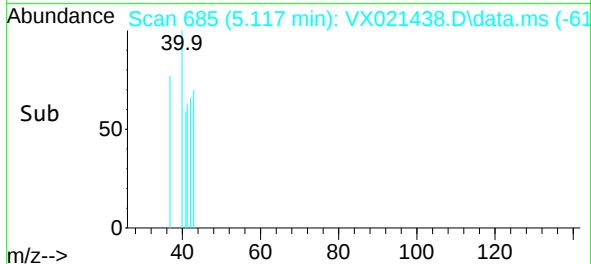
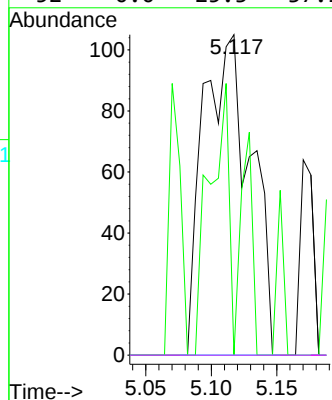
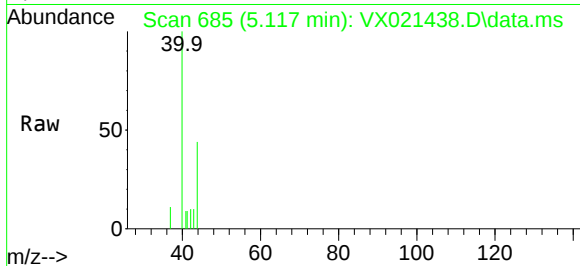




#41
Methacrylonitrile
Concen: 0.33 ug/l
RT: 5.117 min Scan# 685
Delta R.T. 0.112 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

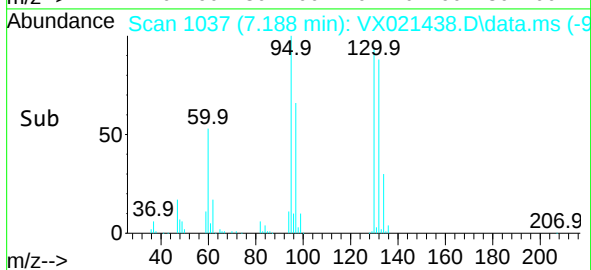
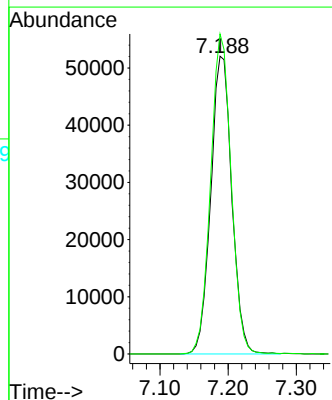
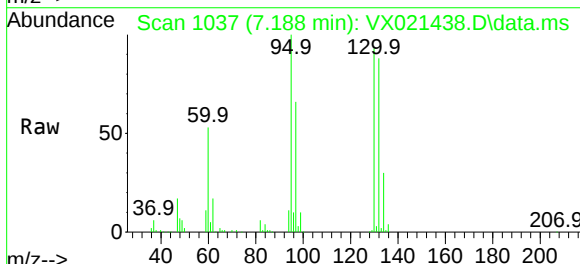
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

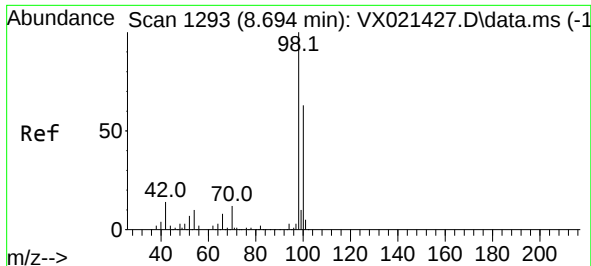
Tgt Ion:	41	Resp:	265
Ion	Ratio	Lower	Upper
41	100		
39	34.7	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#44
Trichloroethene
Concen: 123.81 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Tgt Ion:	130	Resp:	111768
Ion	Ratio	Lower	Upper
130	100		
95	107.5	0.0	198.0

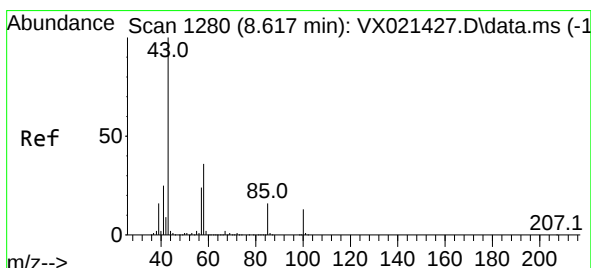
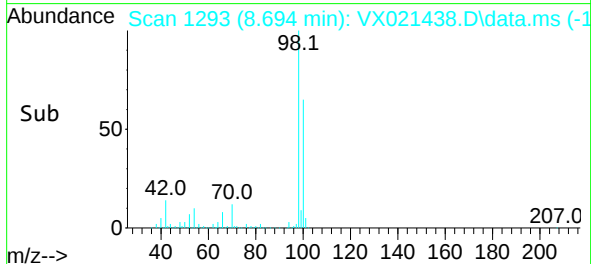
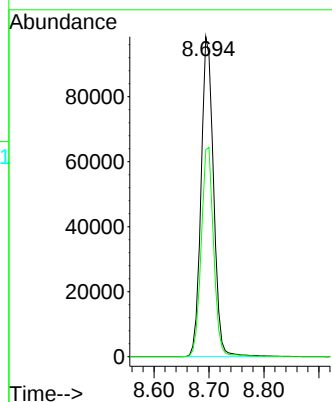
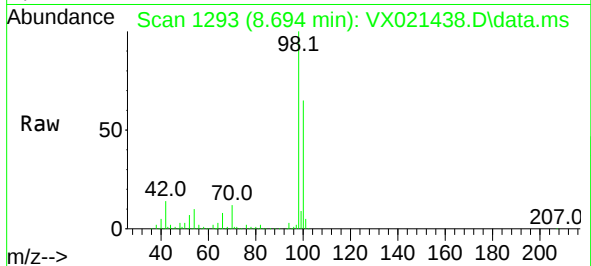




#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

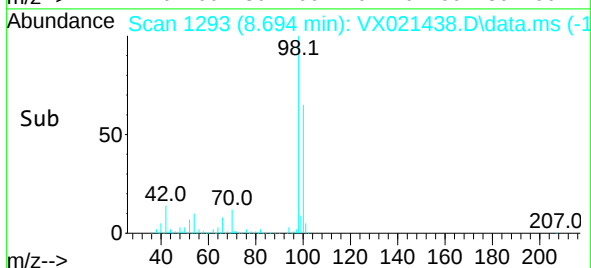
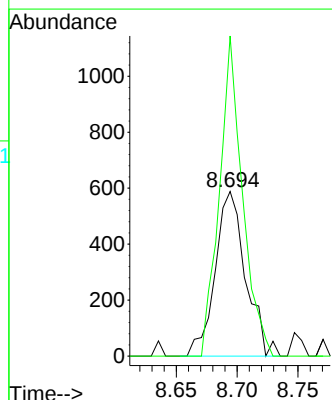
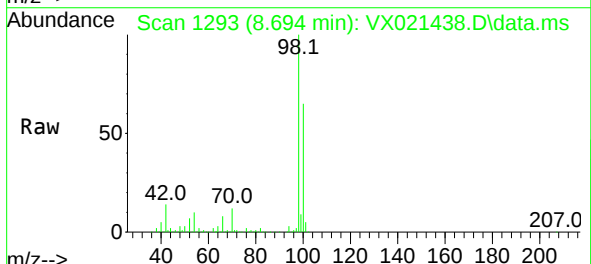
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

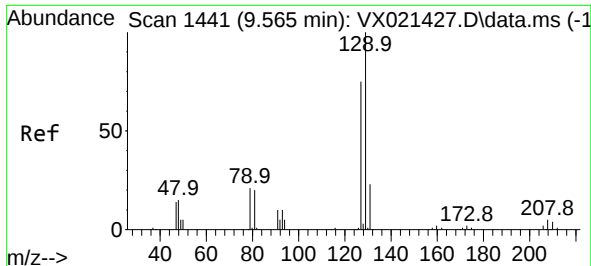
Tgt Ion: 98 Resp: 155296
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.74 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 147.9 35.4 53.0#

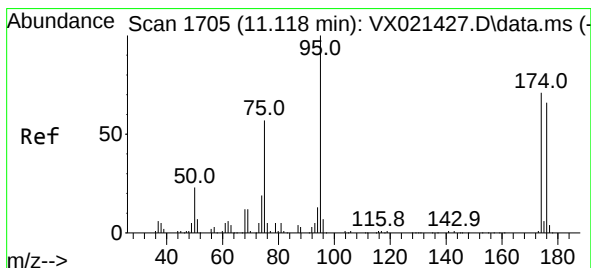
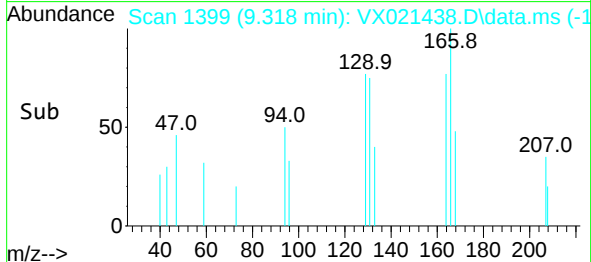
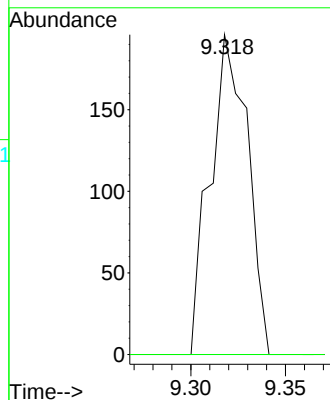
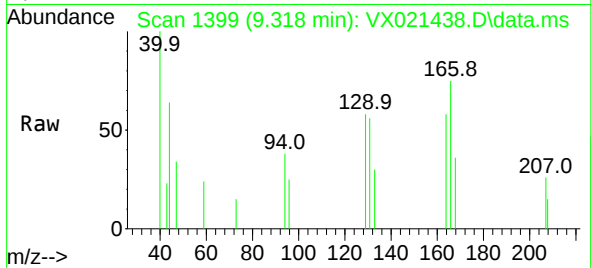




#60
Dibromochloromethane
Concen: 0.27 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

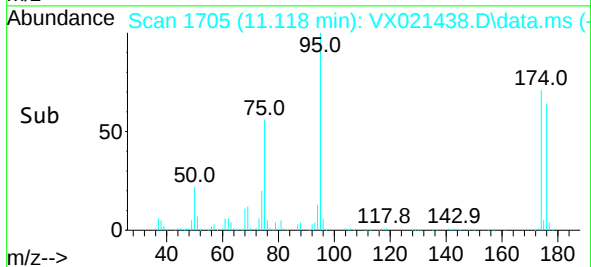
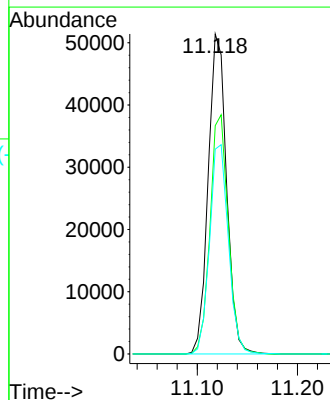
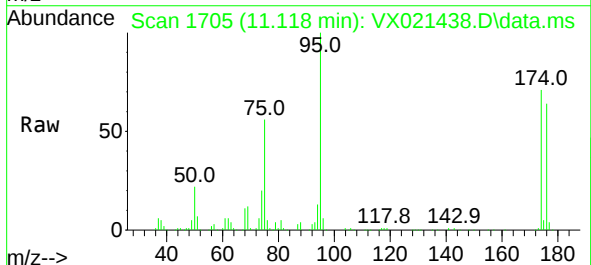
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

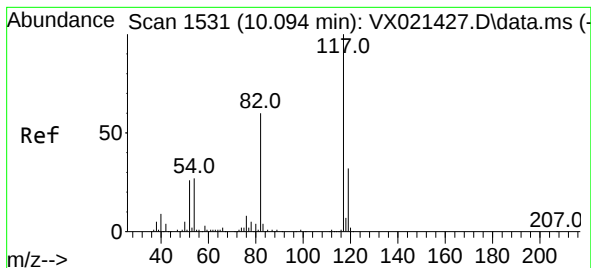
Tgt Ion:129 Resp: 270
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 54.11 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Tgt Ion: 95 Resp: 65470
Ion Ratio Lower Upper
95 100
174 74.3 0.0 154.6
176 66.8 0.0 155.8

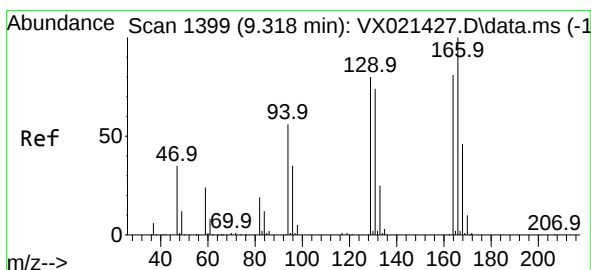
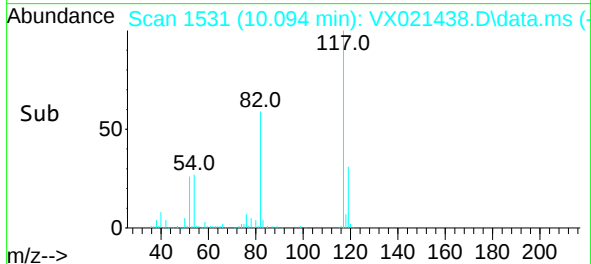
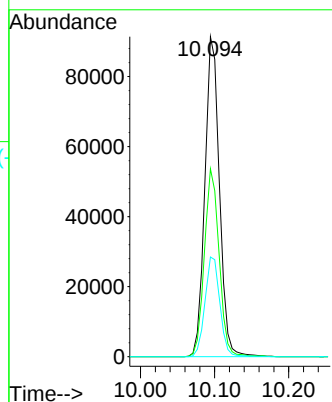
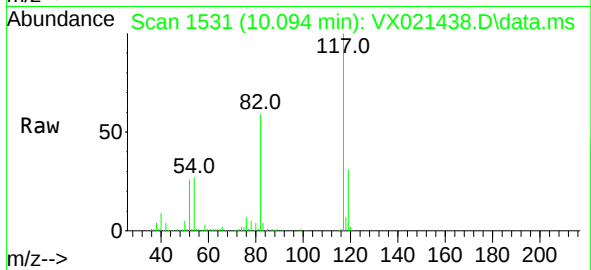




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

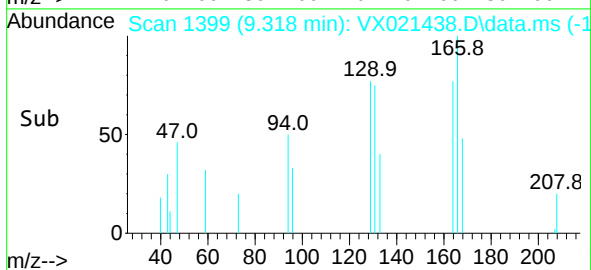
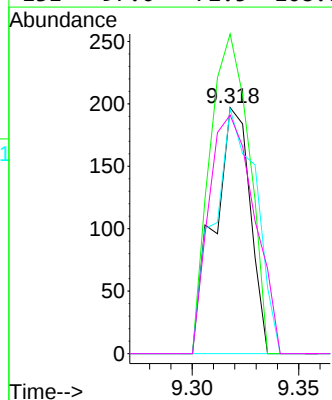
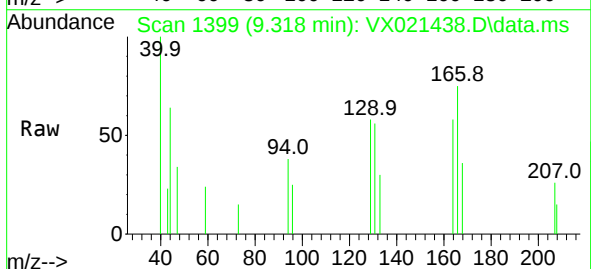
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ClientSampleId :
RE132D6-20210315

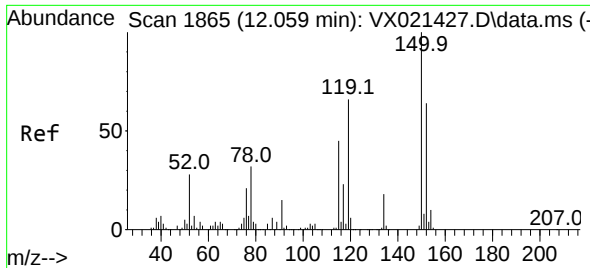
Tgt Ion:117 Resp: 125079
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.1 26.6 39.8



#64
Tetrachloroethene
Concen: 0.28 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Tgt Ion:164 Resp: 232
Ion Ratio Lower Upper
164 100
166 129.9 103.4 155.2
129 99.5 70.8 106.2
131 97.0 72.5 108.7

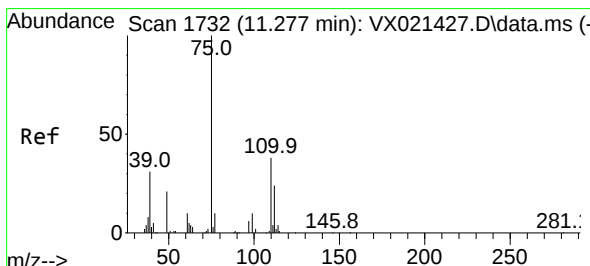
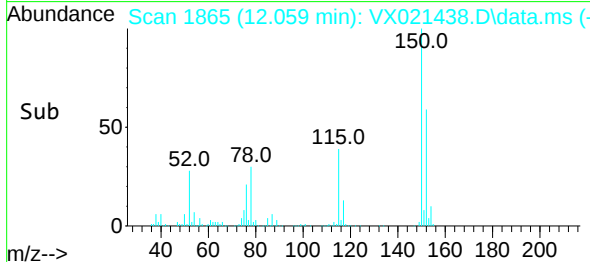
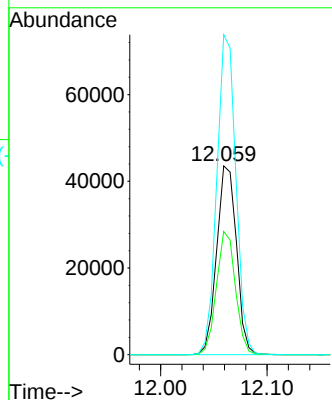
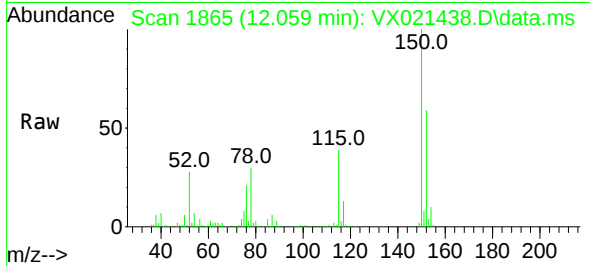




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

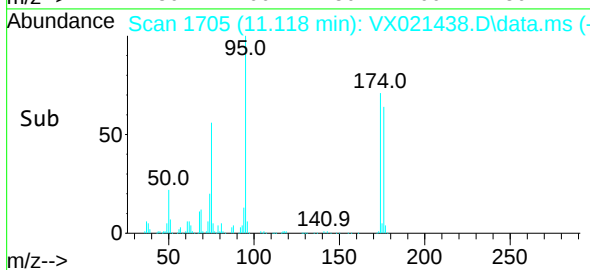
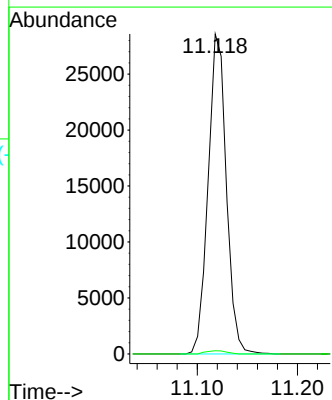
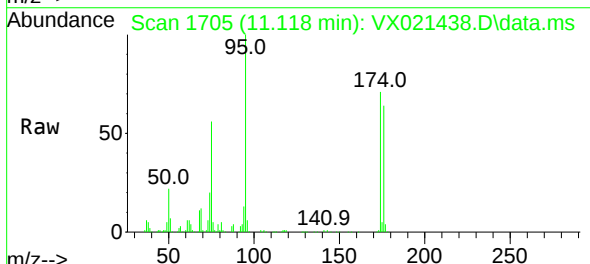
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

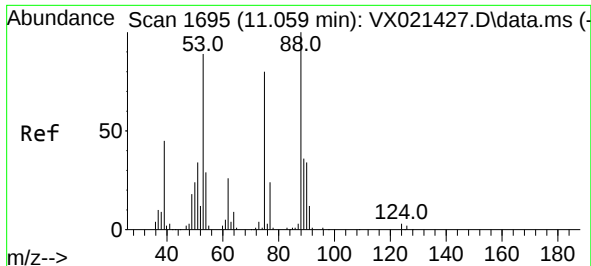
Tgt Ion:152 Resp: 56188
Ion Ratio Lower Upper
152 100
115 62.6 41.1 123.3
150 162.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.58 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Tgt Ion: 75 Resp: 36074
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

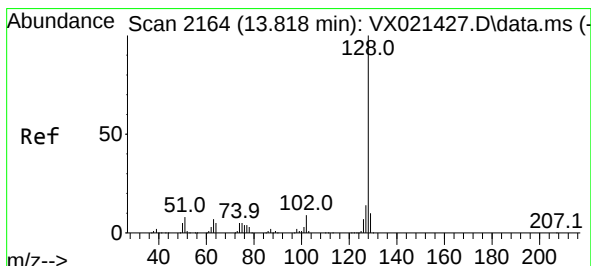
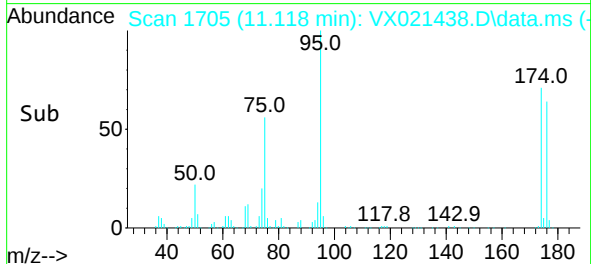
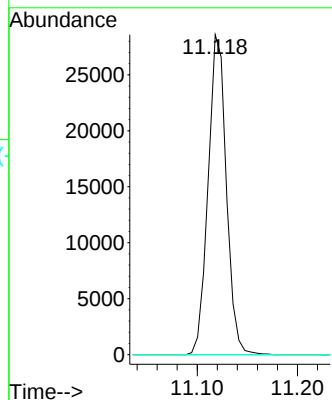
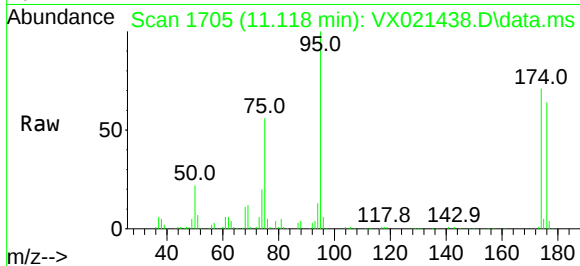




#81
trans-1,4-Dichloro-2-butene
Concen: 84.00 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

Tgt Ion: 75 Resp: 36074
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.38 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021438.D
Acq: 24 Mar 2021 16:10

Tgt Ion:128 Resp: 1409
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 10.5 8.8 13.2

