

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021406.D
 Acq On : 24 Mar 2021 00:21
 Operator : JC/MD
 Sample : M1735-10 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210315

Quant Time: Mar 24 03:33:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

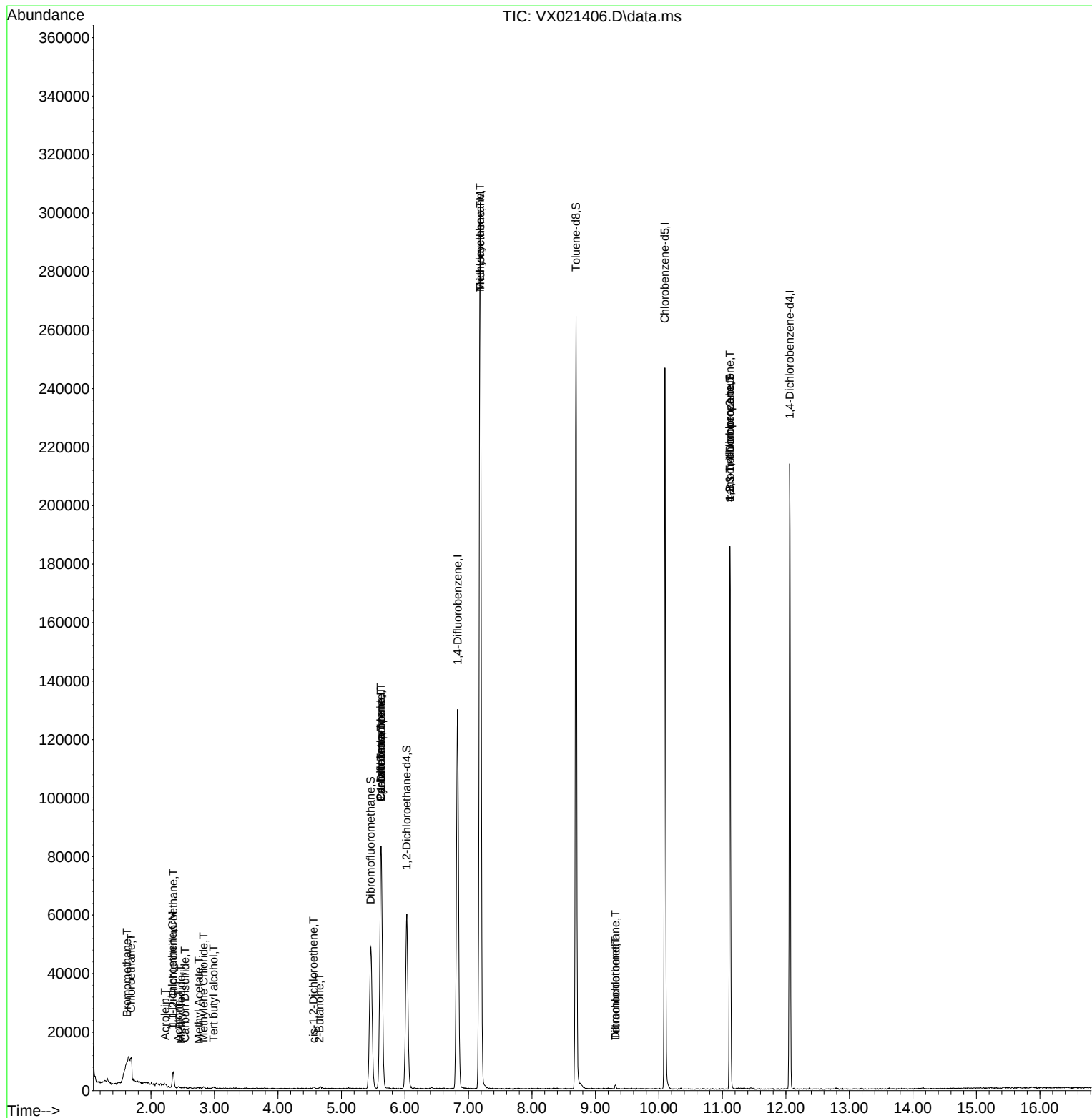
Internal Standards						
1) Pentafluorobenzene	5.623	168	71872	50.00	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.829	114	121034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	100665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	39683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57909	49.12	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.24%		
35) Dibromofluoromethane	5.458	113	41084	49.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.76%		
50) Toluene-d8	8.694	98	146789	49.12	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.24%		
62) 4-Bromofluorobenzene	11.118	95	48266	41.59	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.18%		
Target Compounds						
3) Chloromethane	1.311	50	1209	Below Cal		95
5) Bromomethane	1.623	94	335	0.88 ug/l #		69
6) Chloroethane	1.687	64	133	0.25 ug/l #		66
9) 1,1,2-Trichlorotrifluo...	2.352	101	1540	2.05 ug/l		91
10) Methyl Iodide	2.476	142	149	0.23 ug/l #		78
11) Tert butyl alcohol	2.987	59	294	1.48 ug/l #		73
12) 1,1-Dichloroethene	2.340	96	708	0.97 ug/l #		87
13) Acrolein	2.223	56	18	3.27 ug/l #		3
16) Acetone	2.434	43	494	1.14 ug/l		99
17) Carbon Disulfide	2.535	76	286	0.67 ug/l #		75
18) Methyl Acetate	2.752	43	335	0.28 ug/l #		58
20) Methylene Chloride	2.829	84	257	0.29 ug/l		90
25) 2-Butanone	4.652	43	165	0.25 ug/l #		45
27) cis-1,2-Dichloroethene	4.558	96	278	0.30 ug/l		83
31) Cyclohexane	5.623	56	2091	1.47 ug/l #		48
36) 1,1-Dichloropropene	5.623	75	6768	5.55 ug/l #		48
38) Carbon Tetrachloride	5.623	117	7992	6.31 ug/l #		16
39) Methylcyclohexane	7.182	83	1495	1.10 ug/l #		1
44) Trichloroethene	7.188	130	107948	120.92 ug/l		97
60) Dibromochloromethane	9.318	129	246	0.25 ug/l #		11
64) Tetrachloroethene	9.318	164	241	0.32 ug/l #		89
76) 1,2,3-Trichloropropane	11.118	75	27009	29.34 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	27009	79.66 ug/l #		12

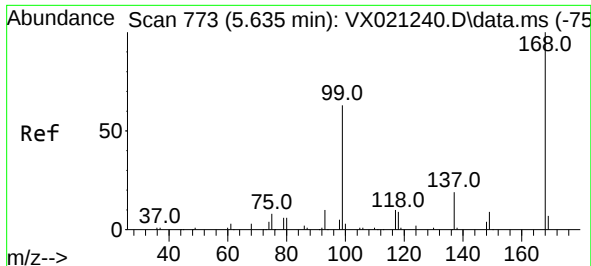
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
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Acq On : 24 Mar 2021 00:21
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

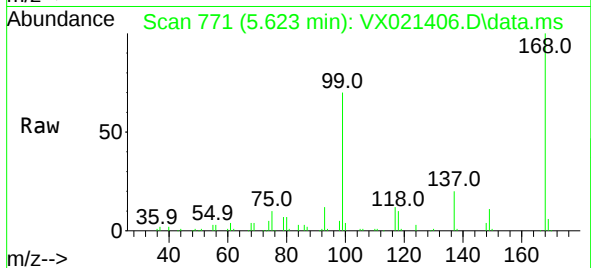
Quant Time: Mar 24 03:33:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration



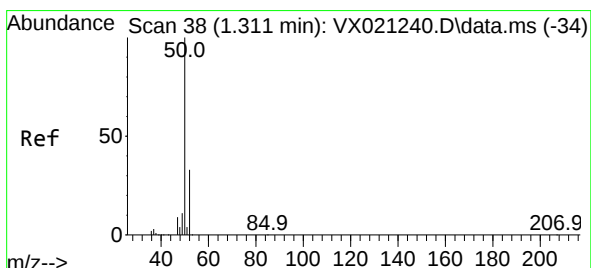
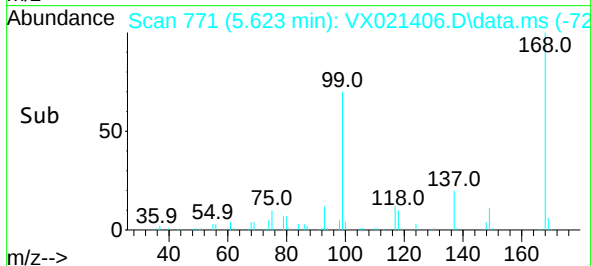
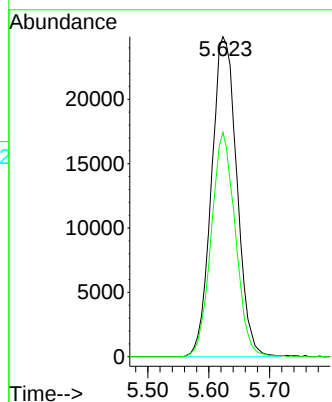


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

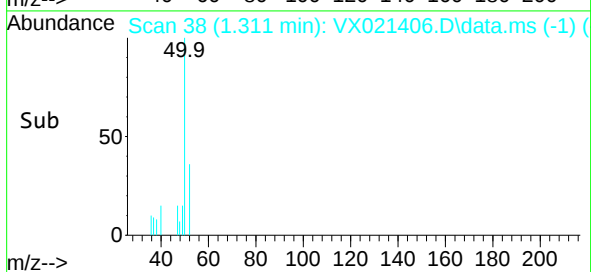
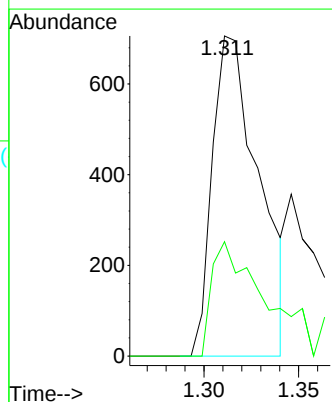
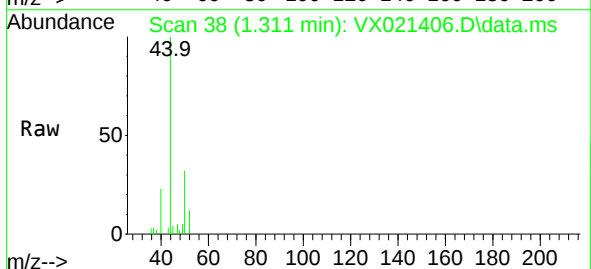


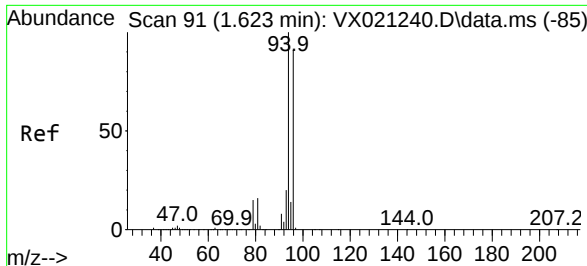
Tgt Ion:168 Resp: 71872
Ion Ratio Lower Upper
168 100
99 70.1 45.8 68.6#



#3
Chloromethane
Concen: Below Cal
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Tgt Ion: 50 Resp: 1209
Ion Ratio Lower Upper
50 100
52 35.7 26.4 39.6

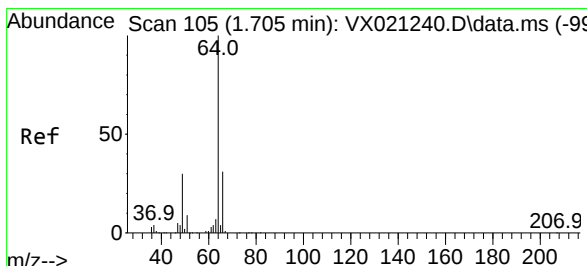
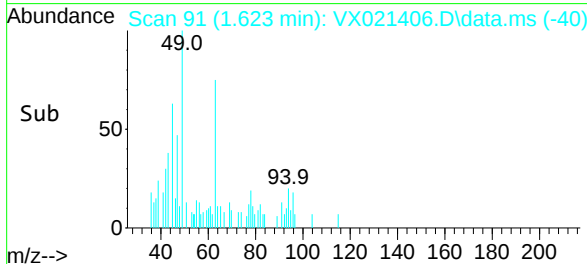
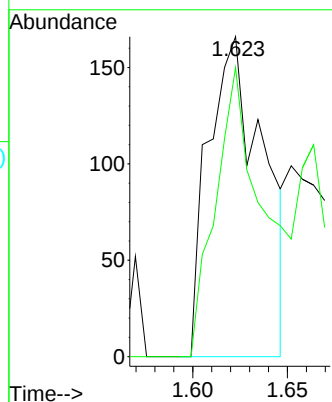
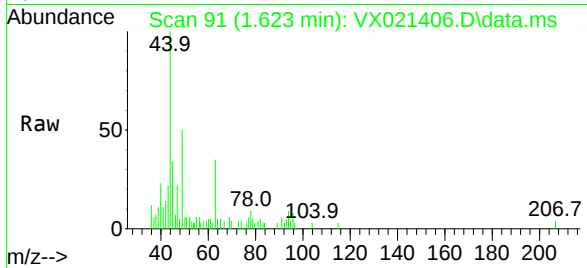




#5
Bromomethane
Concen: 0.88 ug/l
RT: 1.623 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

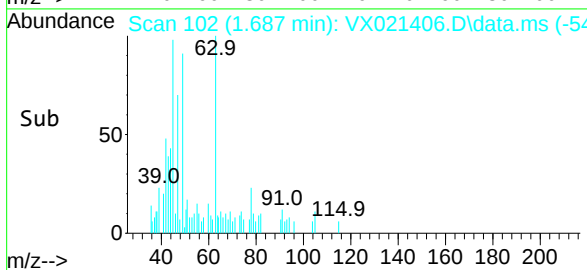
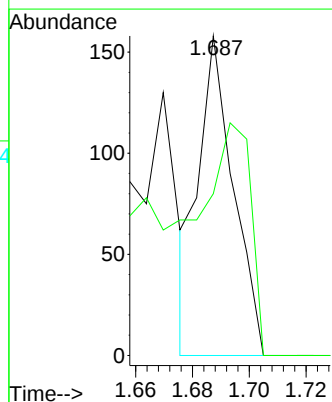
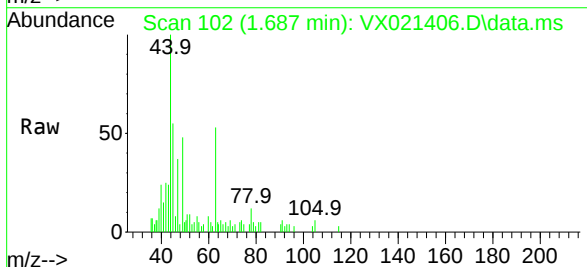
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

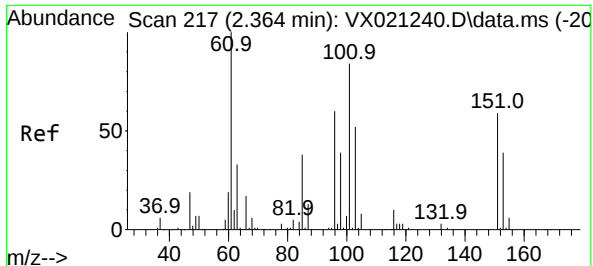
Tgt Ion: 94 Resp: 335
Ion Ratio Lower Upper
94 100
96 125.9 76.4 114.6#



#6
Chloroethane
Concen: 0.25 ug/l
RT: 1.687 min Scan# 102
Delta R.T. -0.018 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 50.6 25.4 38.0#

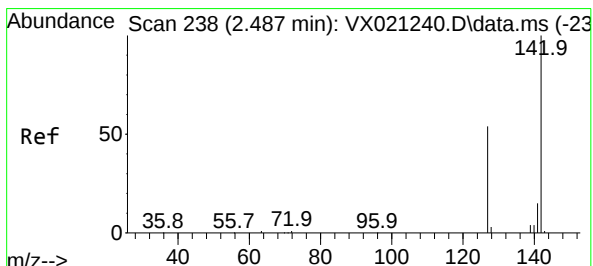
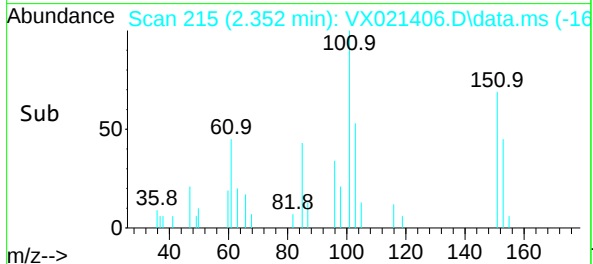
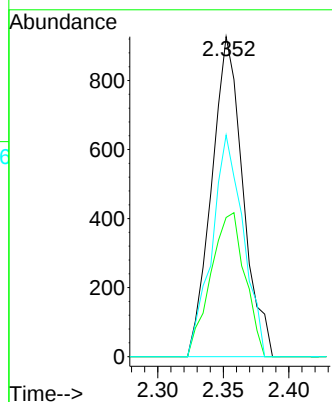
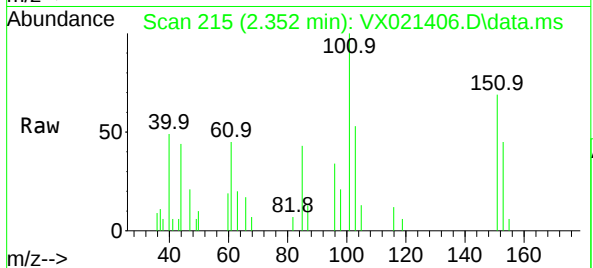




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.05 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

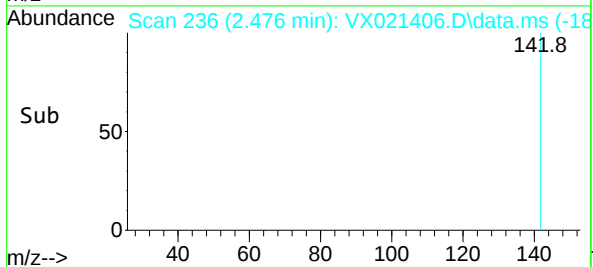
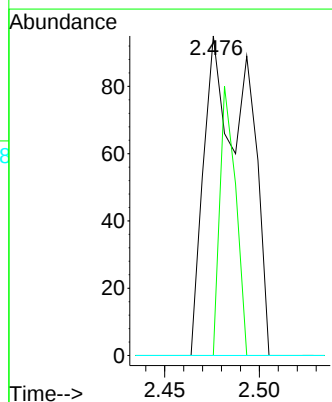
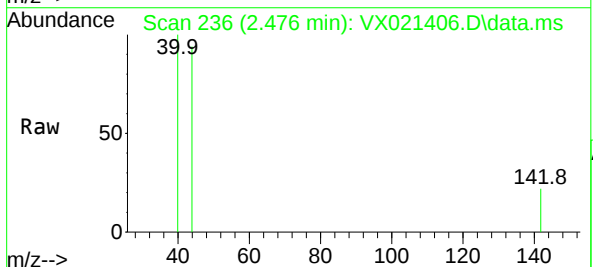
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

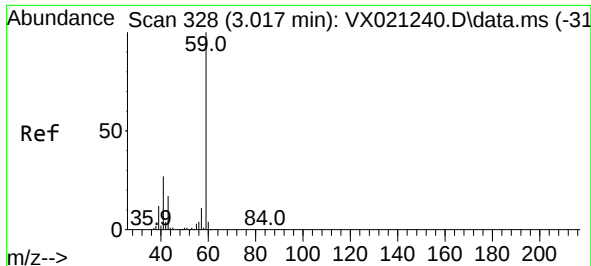
Tgt Ion:101 Resp: 1540
Ion Ratio Lower Upper
101 100
85 49.1 34.9 52.3
151 69.2 61.4 92.2



#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.476 min Scan# 236
Delta R.T. -0.011 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

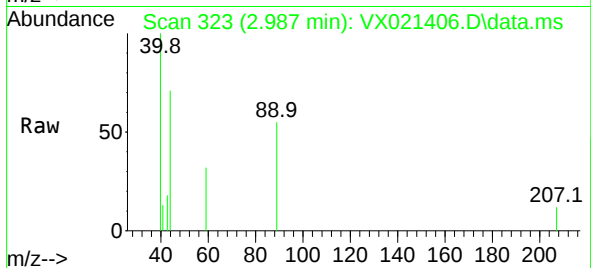
Tgt Ion:142 Resp: 149
Ion Ratio Lower Upper
142 100
127 30.9 33.3 49.9#
141 0.0 11.4 17.0#



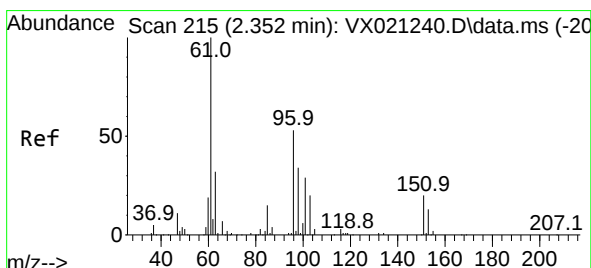
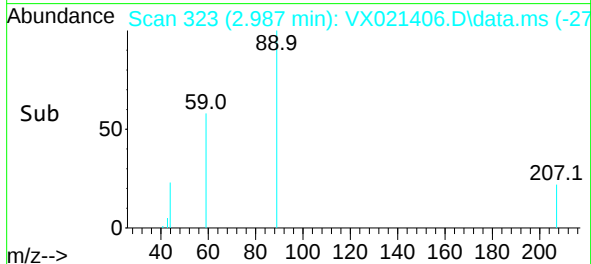
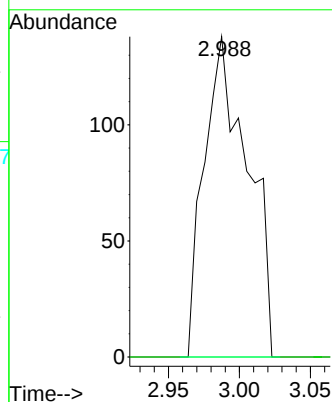


#11
Tert butyl alcohol
Concen: 1.48 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

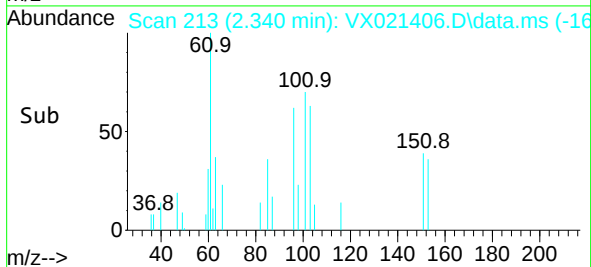
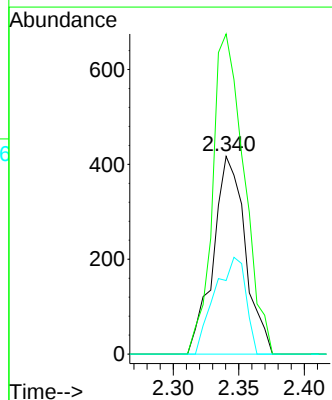
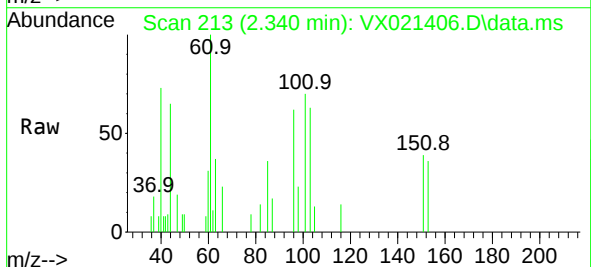


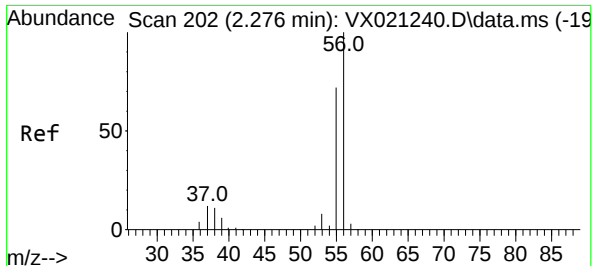
Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.97 ug/l
RT: 2.340 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Tgt Ion: 96 Resp: 708
Ion Ratio Lower Upper
96 100
61 161.9 124.6 187.0
98 37.2 50.6 76.0#

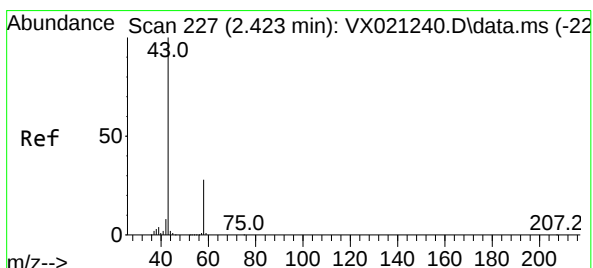
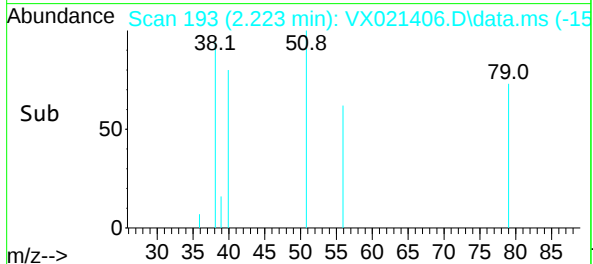
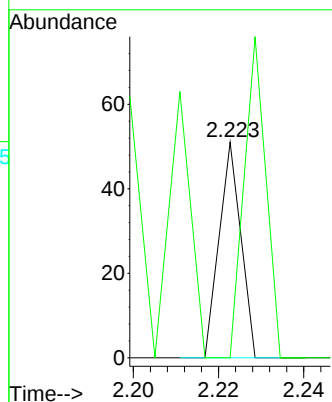
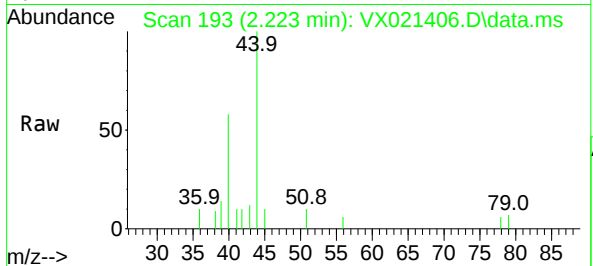




#13
Acrolein
Concen: 3.27 ug/l
RT: 2.223 min Scan# 193
Delta R.T. -0.053 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

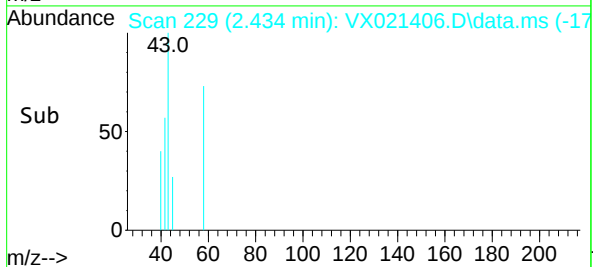
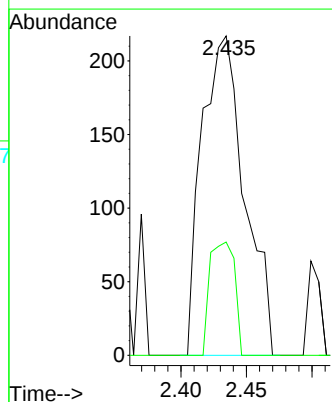
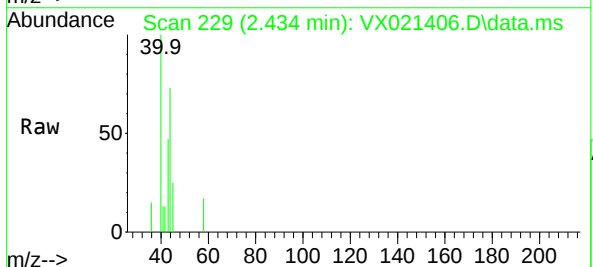
Instrument :
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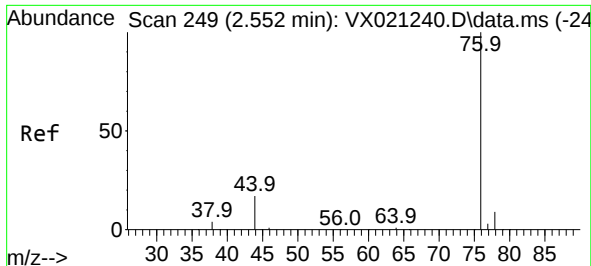
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 150.0 56.4 84.6#



#16
Acetone
Concen: 1.14 ug/l
RT: 2.434 min Scan# 229
Delta R.T. 0.011 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 35.5 27.8 41.8

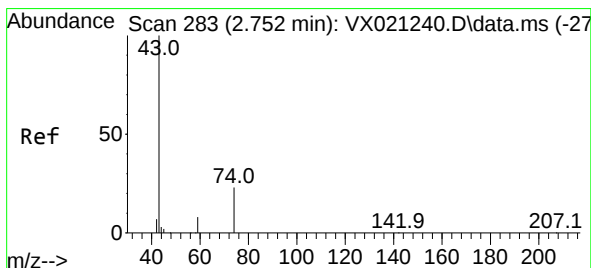
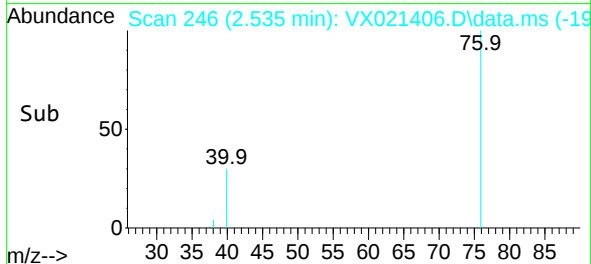
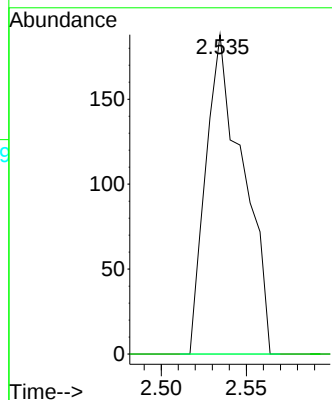
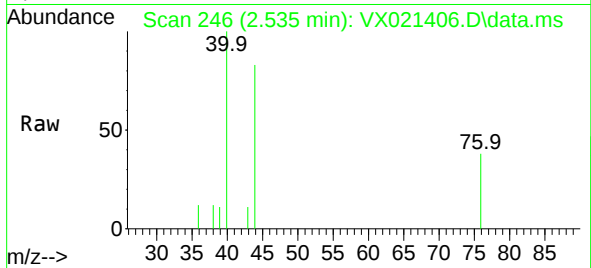




#17
Carbon Disulfide
Concen: 0.67 ug/l
RT: 2.535 min Scan# 246
Delta R.T. -0.018 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

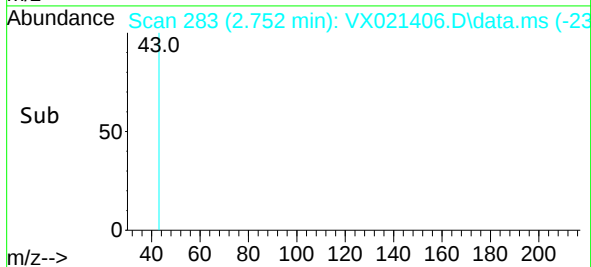
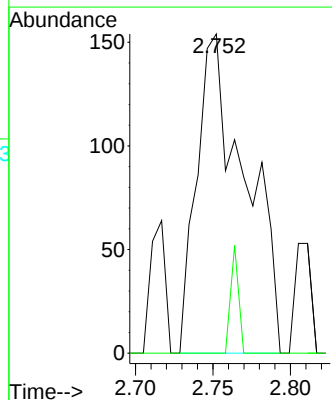
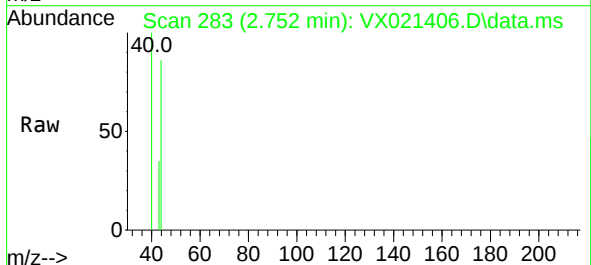
Instrument :
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ClientSampleId :
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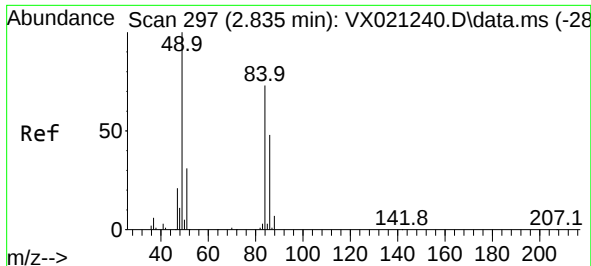
Tgt Ion: 76 Resp: 286
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

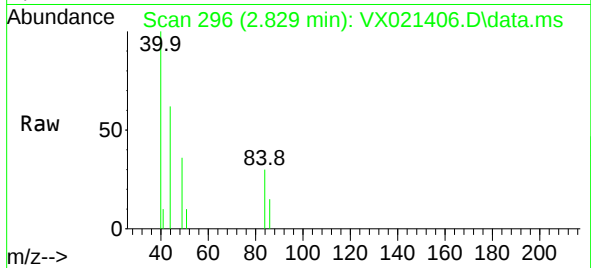
Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
74 5.4 21.9 32.9#



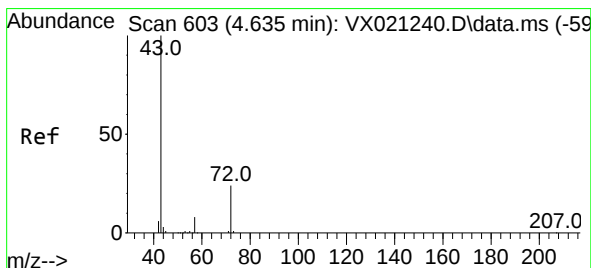
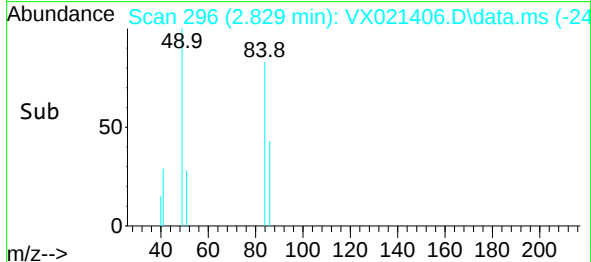
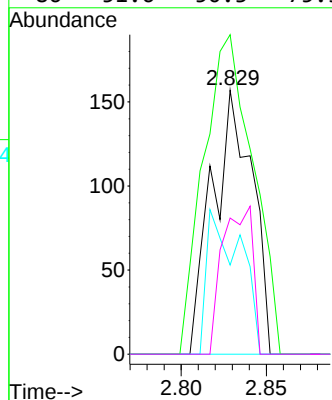


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

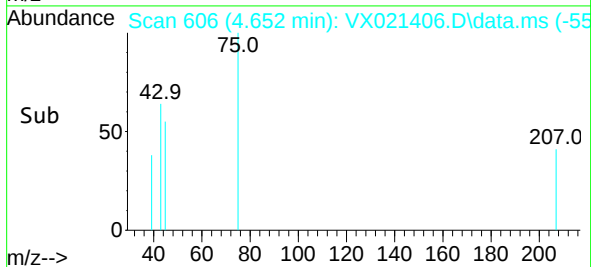
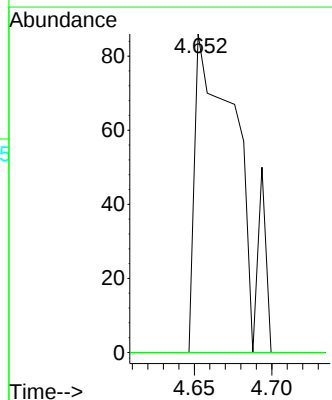
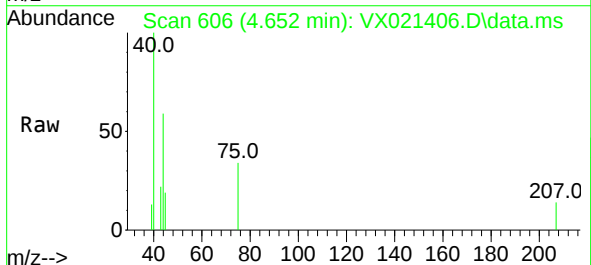


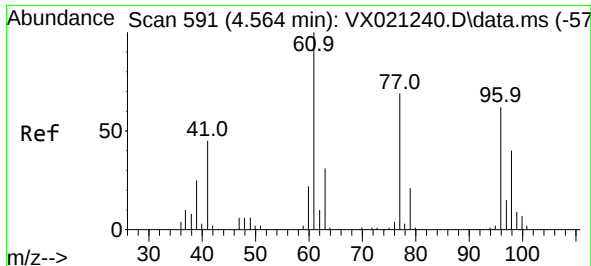
Tgt Ion:	84	Resp:	257
Ion	Ratio	Lower	Upper
84	100		
49	121.0	88.6	132.8
51	33.8	27.0	40.6
86	51.6	50.3	75.5



#25
2-Butanone
Concen: 0.25 ug/l
RT: 4.652 min Scan# 606
Delta R.T. 0.017 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Tgt Ion:	43	Resp:	165
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.30 ug/l

RT: 4.558 min Scan# 590

Delta R.T. -0.006 min

Lab File: VX021406.D

Acq: 24 Mar 2021 00:21

Tgt Ion: 96 Resp: 278

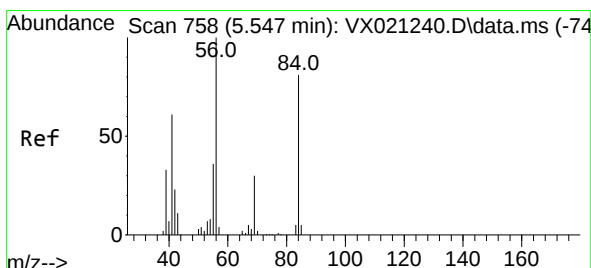
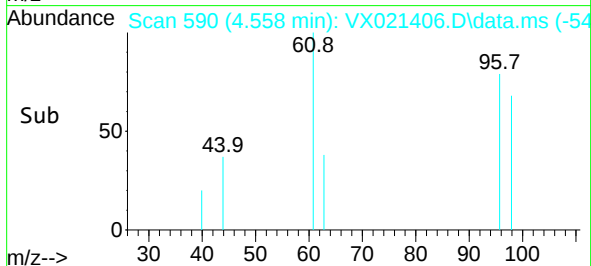
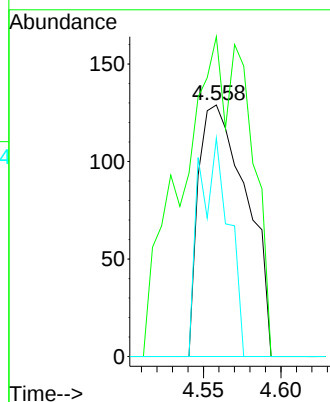
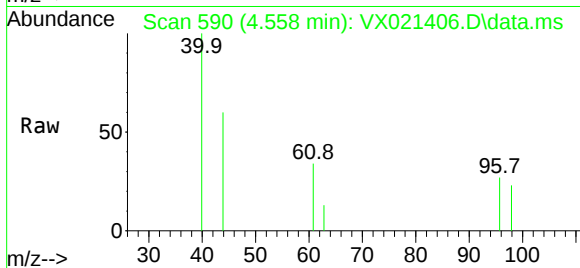
Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	285.6
98	53.2	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20210315



#31

Cyclohexane

Concen: 1.47 ug/l

RT: 5.623 min Scan# 771

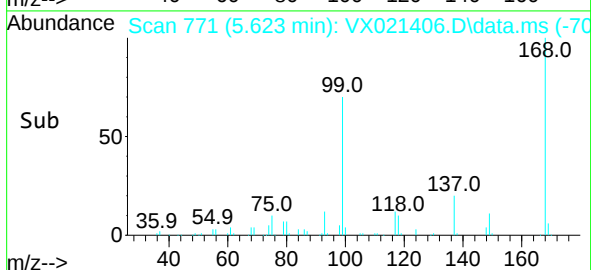
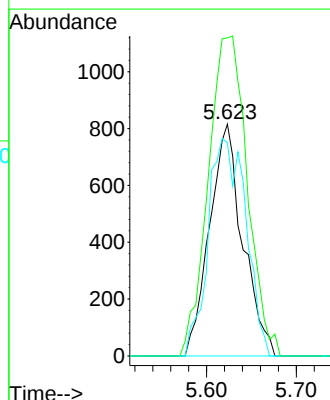
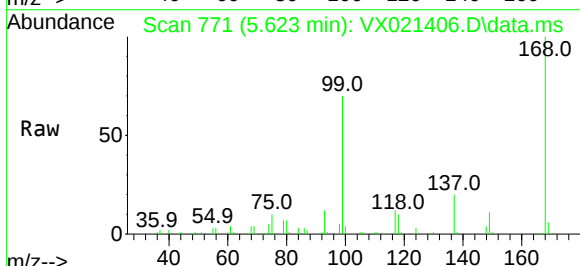
Delta R.T. 0.076 min

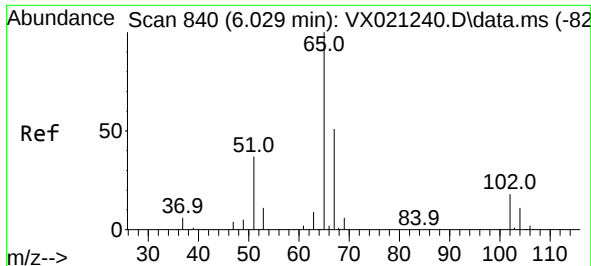
Lab File: VX021406.D

Acq: 24 Mar 2021 00:21

Tgt Ion: 56 Resp: 2091

Ion	Ratio	Lower	Upper
56	100		
69	137.1	25.3	37.9#
84	92.0	71.4	107.0

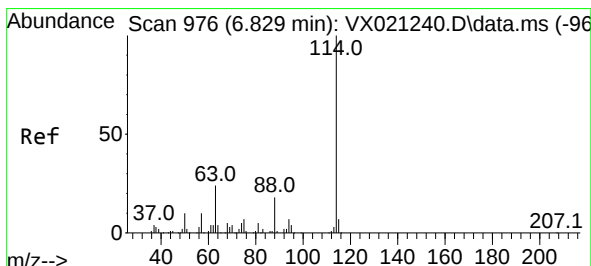
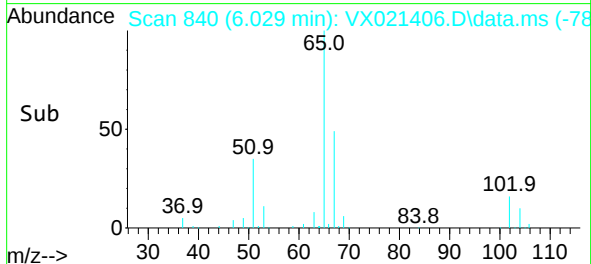
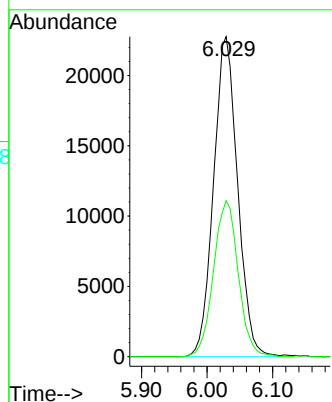
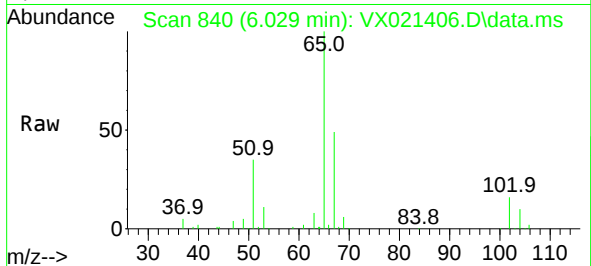




#33
 1,2-Dichloroethane-d4
 Concen: 49.12 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021406.D
 Acq: 24 Mar 2021 00:21

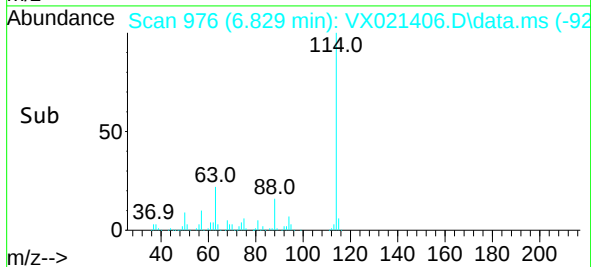
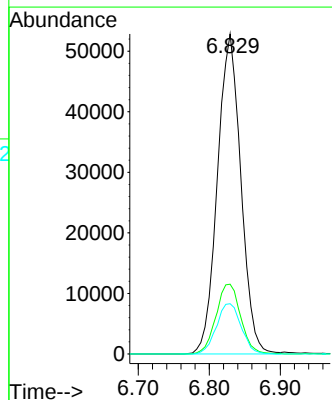
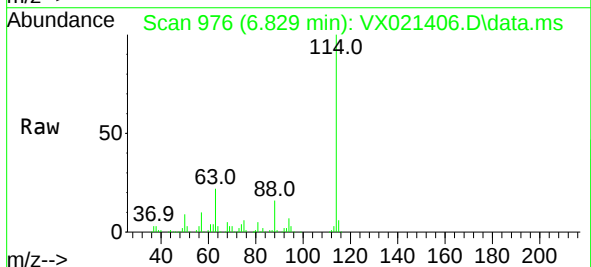
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210315

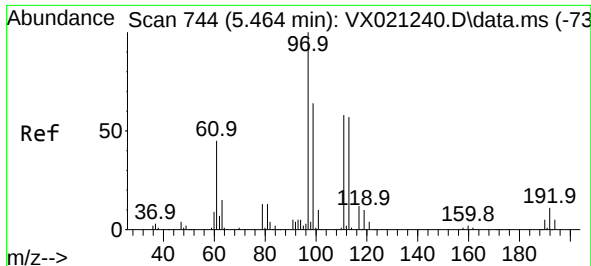
Tgt Ion: 65 Resp: 57909
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021406.D
 Acq: 24 Mar 2021 00:21

Tgt Ion: 114 Resp: 121034
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.8
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.88 ug/l

RT: 5.458 min Scan# 743

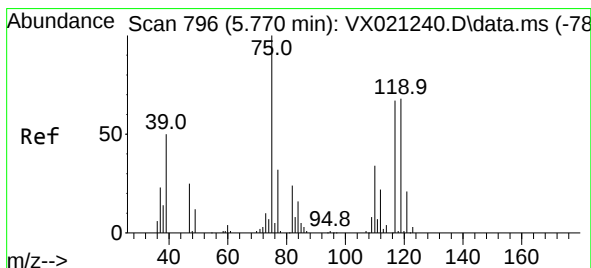
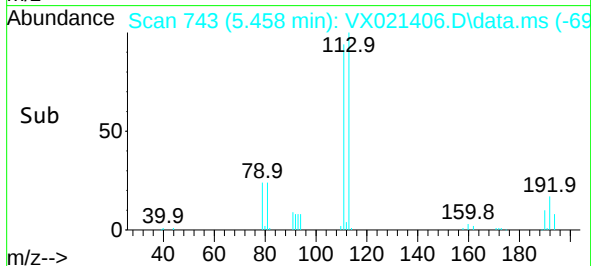
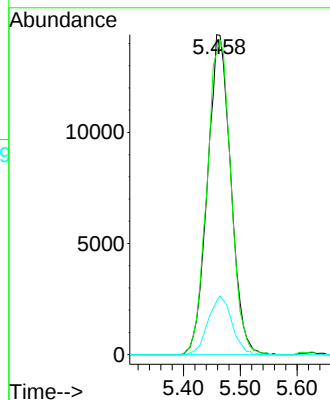
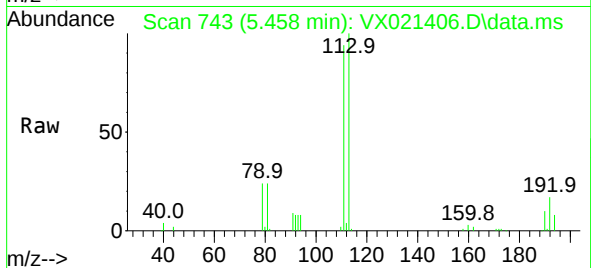
Delta R.T. -0.006 min

Lab File: VX021406.D

Acq: 24 Mar 2021 00:21

Tgt Ion:	113	Resp:	41084
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.9	122.9
192	18.6	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315



#36

1,1-Dichloropropene

Concen: 5.55 ug/l

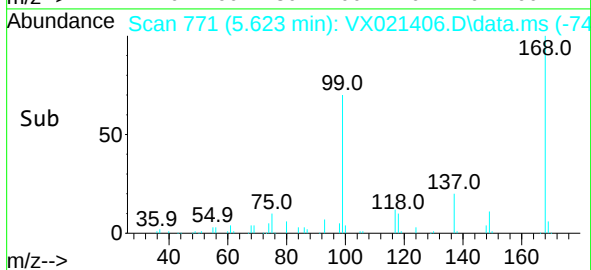
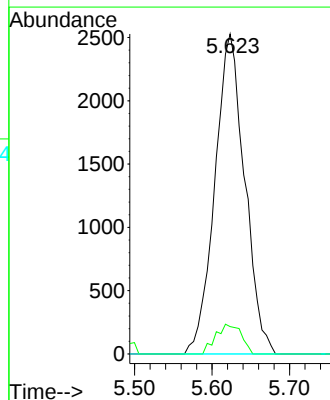
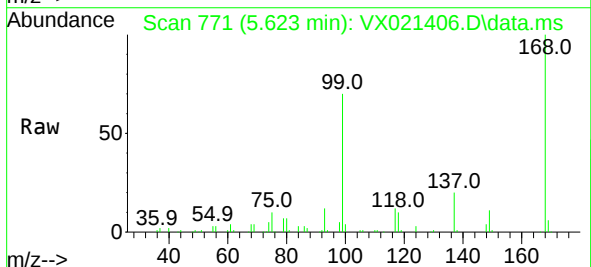
RT: 5.623 min Scan# 771

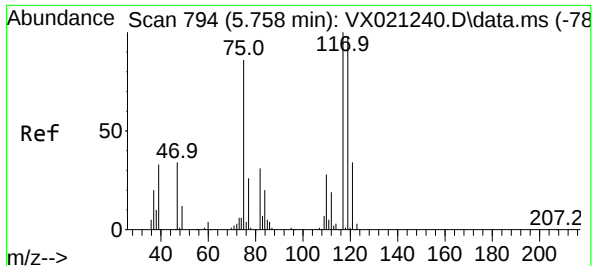
Delta R.T. -0.147 min

Lab File: VX021406.D

Acq: 24 Mar 2021 00:21

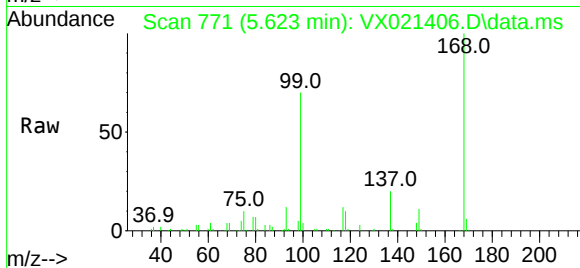
Tgt Ion:	75	Resp:	6768
Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.4#
77	0.0	25.3	37.9#



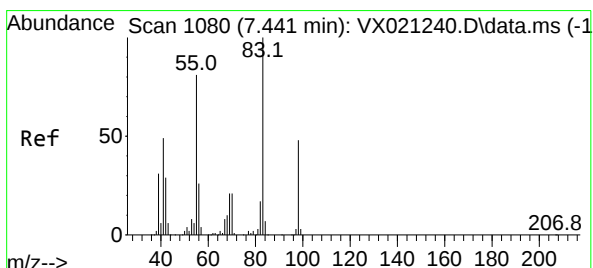
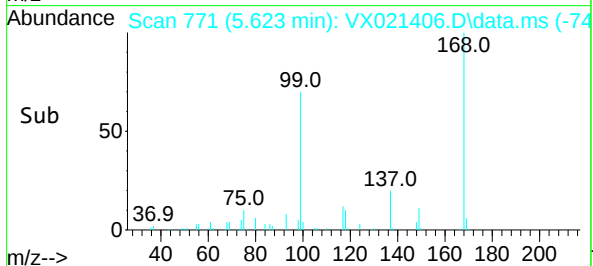
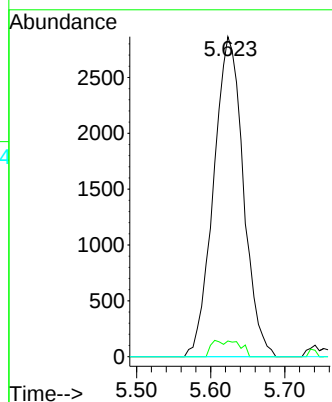


#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

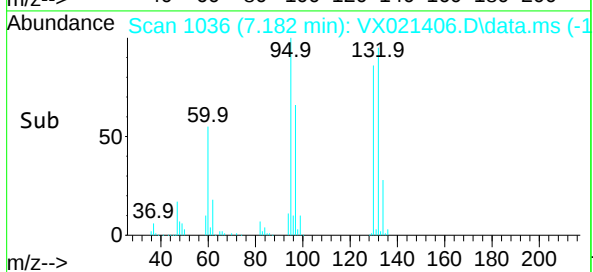
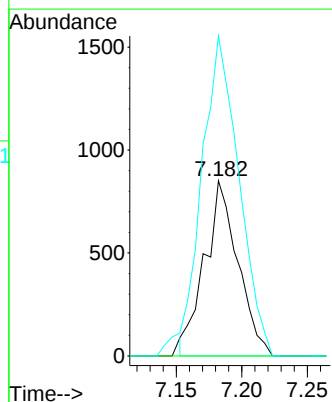
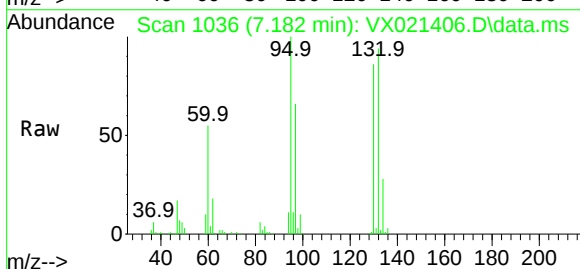


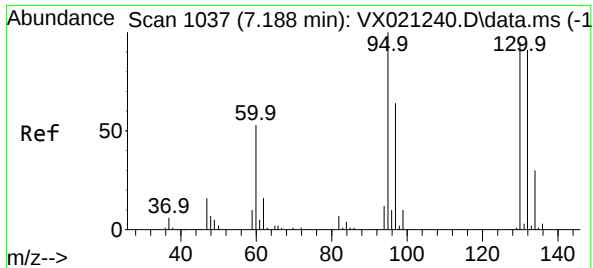
Tgt Ion:117 Resp: 7992
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.10 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.259 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Tgt Ion: 83 Resp: 1495
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 182.6 38.1 57.1#

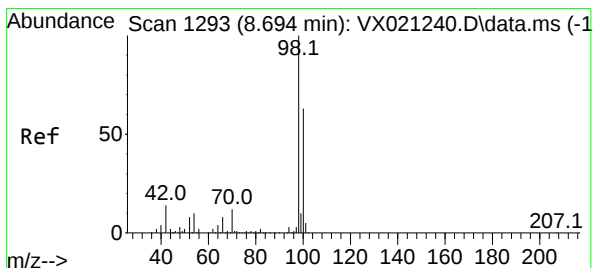
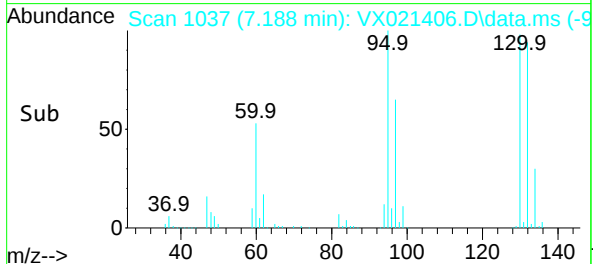
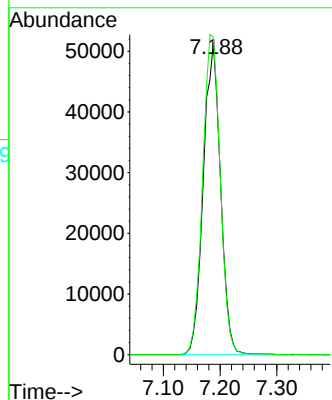
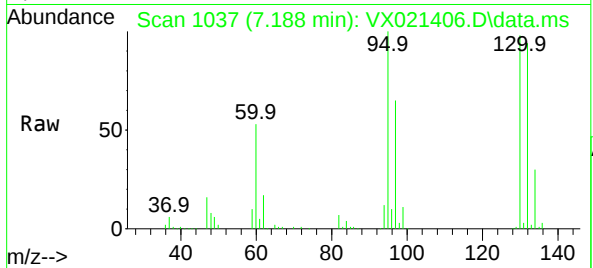




#44
Trichloroethene
Concen: 120.92 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

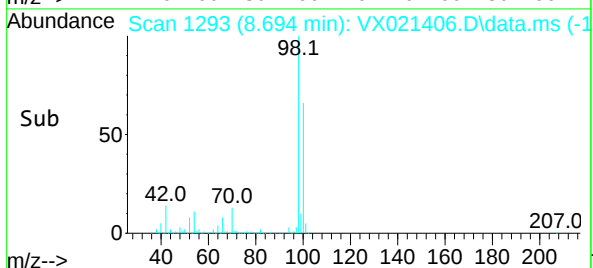
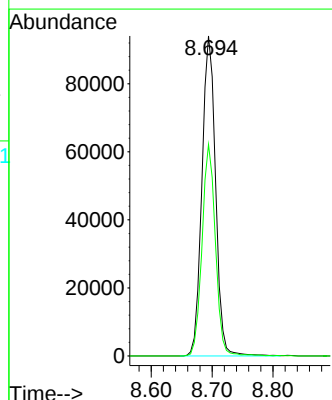
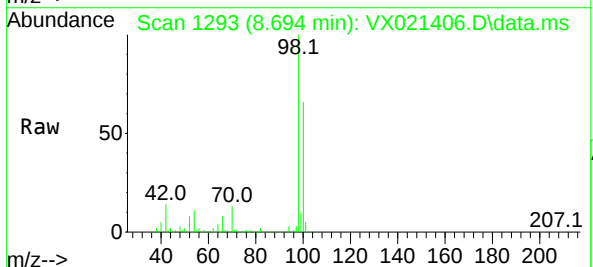
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

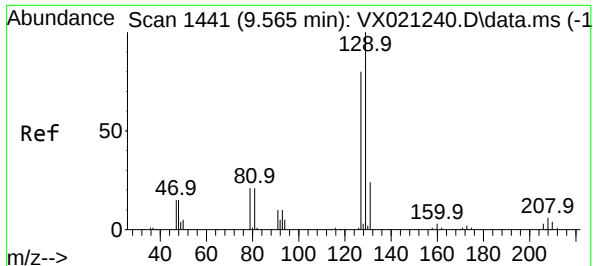
Tgt Ion:130 Resp: 107948
Ion Ratio Lower Upper
130 100
95 102.0 0.0 198.0



#50
Toluene-d8
Concen: 49.12 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Tgt Ion: 98 Resp: 146789
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

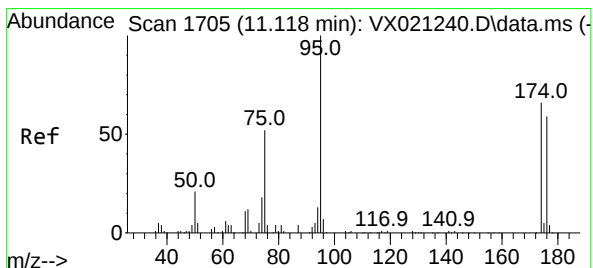
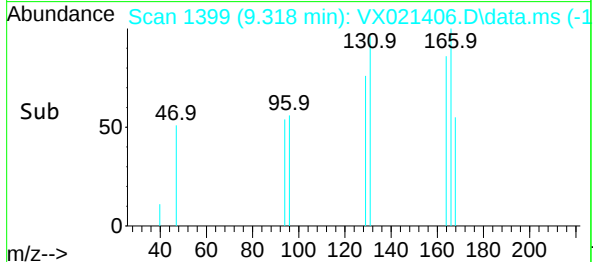
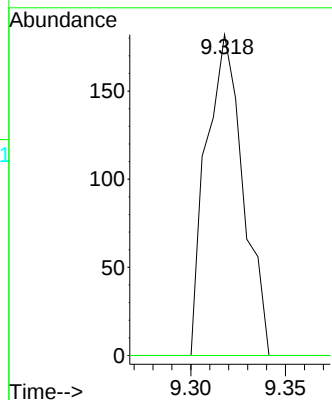
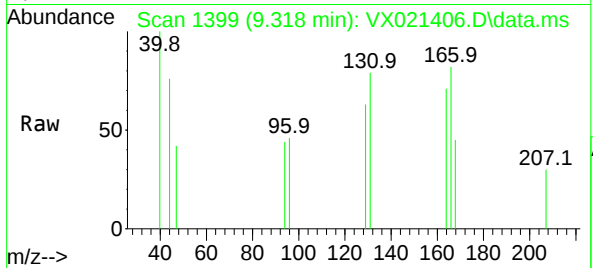




#60
Dibromochloromethane
Concen: 0.25 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

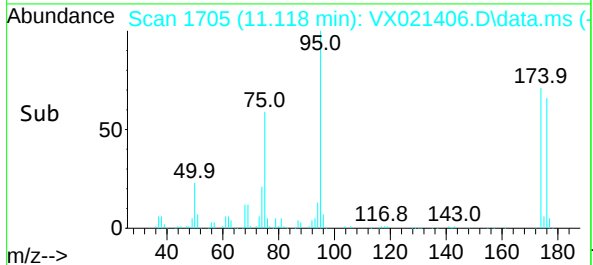
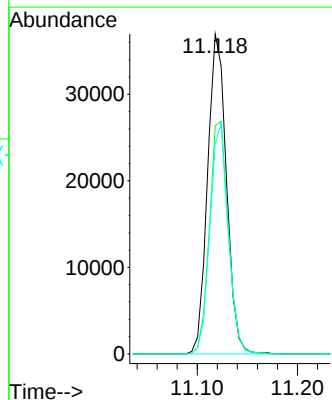
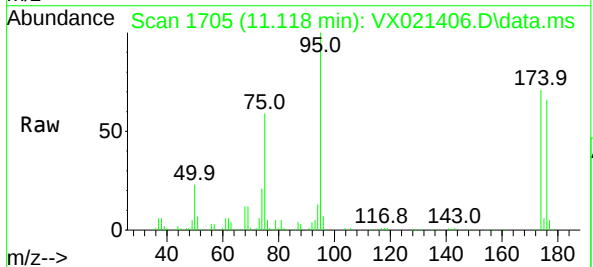
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

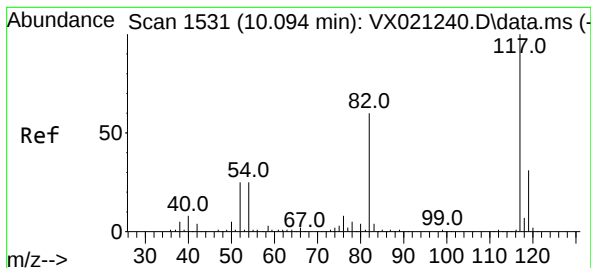
Tgt Ion:129 Resp: 246
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 41.59 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Tgt Ion: 95 Resp: 48266
Ion Ratio Lower Upper
95 100
174 73.1 0.0 154.6
176 69.4 0.0 155.8

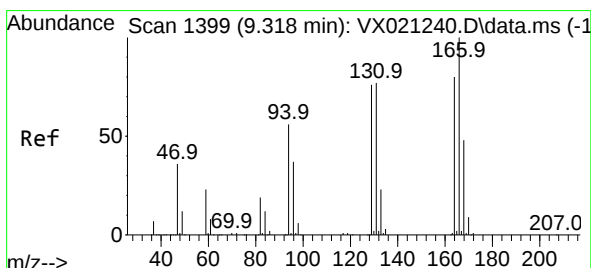
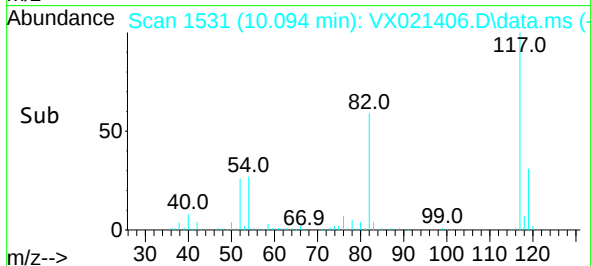
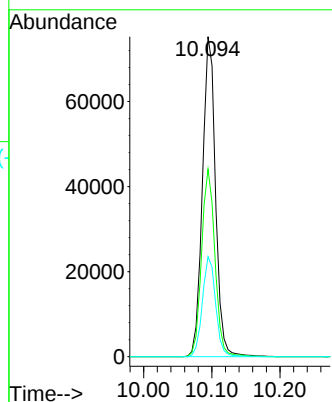
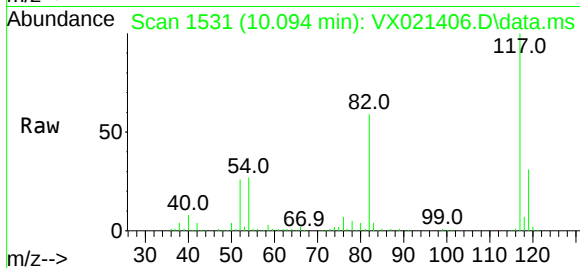




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

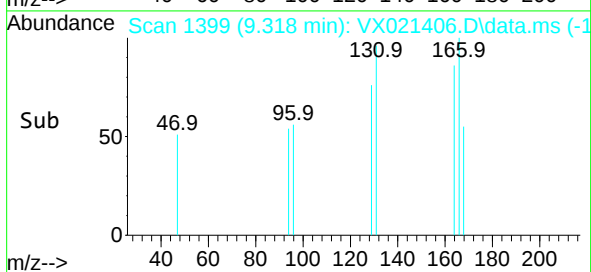
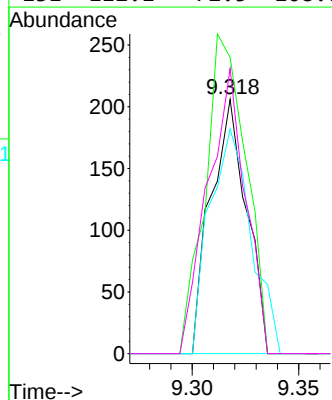
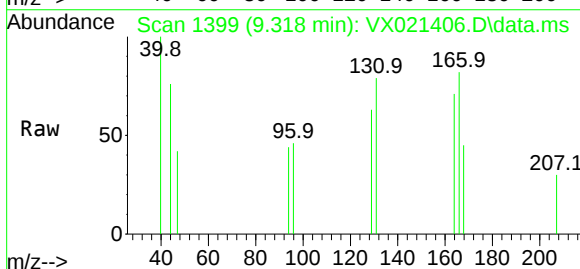
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

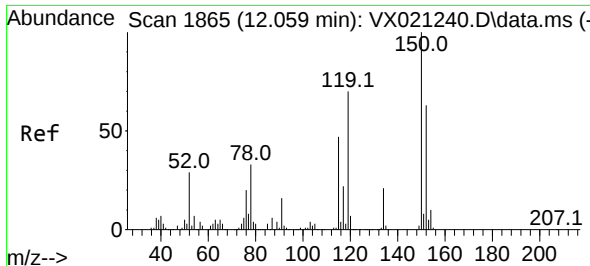
Tgt Ion:117 Resp: 100665
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.3 26.6 39.8



#64
Tetrachloroethene
Concen: 0.32 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

Tgt Ion:164 Resp: 241
Ion Ratio Lower Upper
164 100
166 116.5 103.4 155.2
129 88.3 70.8 106.2
131 112.1 72.5 108.7#

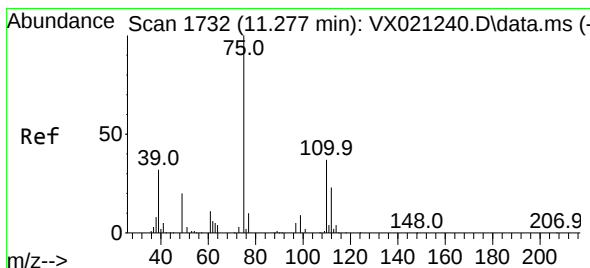
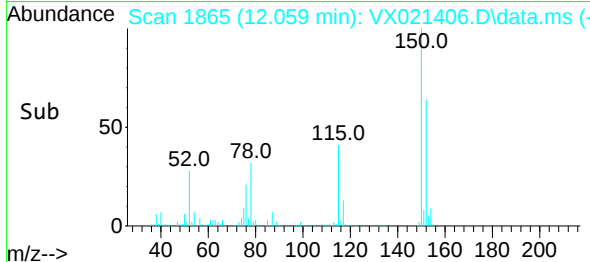
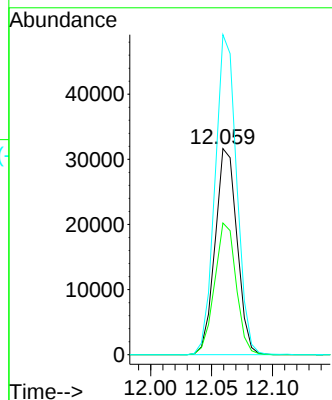
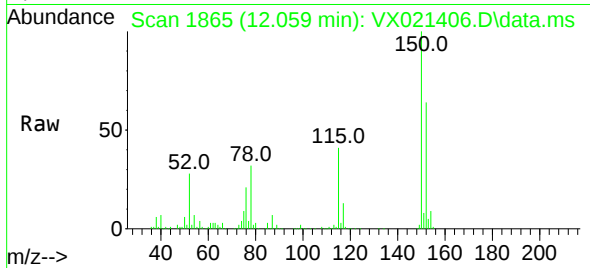




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

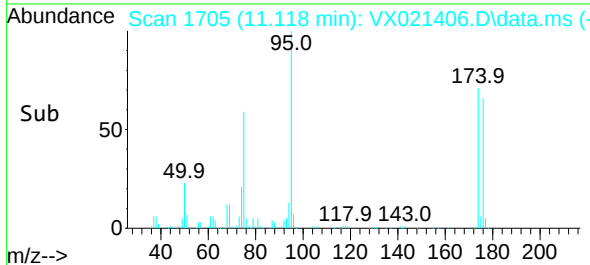
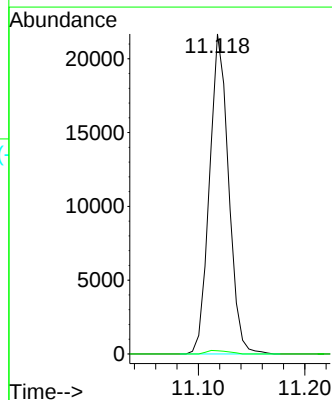
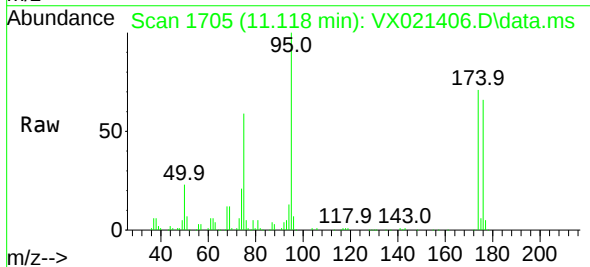
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210315

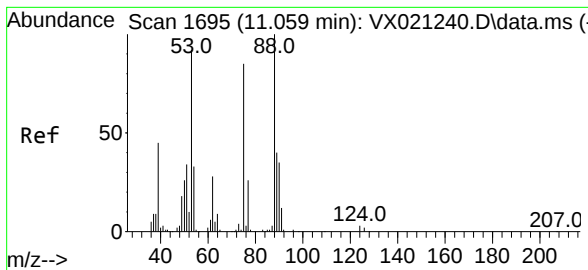
Tgt Ion:152 Resp: 39683
Ion Ratio Lower Upper
152 100
115 62.8 41.1 123.3
150 152.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021406.D
Acq: 24 Mar 2021 00:21

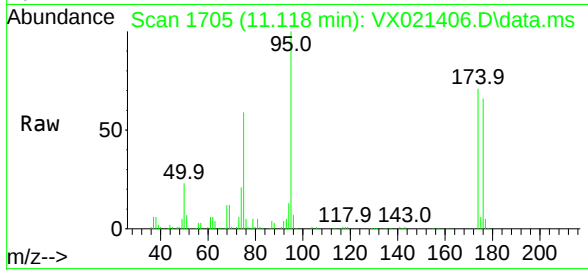
Tgt Ion: 75 Resp: 27009
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.66 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021406.D
 Acq: 24 Mar 2021 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210315



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

