

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021338.D
 Acq On : 20 Mar 2021 09:46
 Operator : JC/MD
 Sample : M1735-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20210317

Quant Time: Mar 22 00:53:31 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)

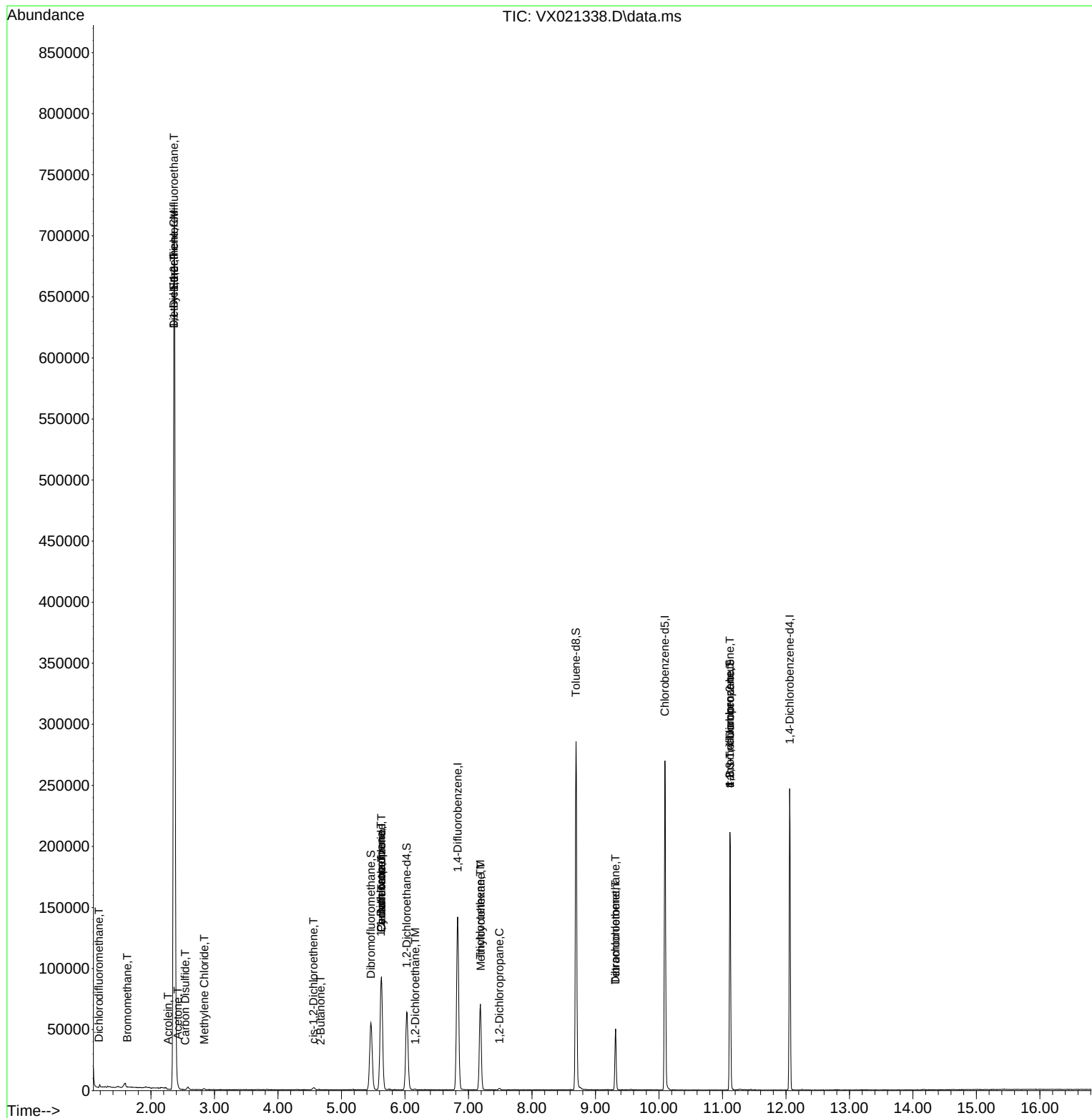
Internal Standards						
1) Pentafluorobenzene	5.629	168	79091	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	131870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63585	49.02	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.04%
35) Dibromofluoromethane	5.464	113	45173	50.34	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.68%
50) Toluene-d8	8.694	98	159003	48.84	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.68%
62) 4-Bromofluorobenzene	11.118	95	55028	43.52	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.04%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	232	0.25	ug/l	90
3) Chloromethane	1.316	50	1697	Below	Cal	98
5) Bromomethane	1.628	94	120	0.29	ug/l #	76
8) Diethyl Ether	2.358	74	257	0.50	ug/l #	5
9) 1,1,2-Trichlorotrifluo...	2.364	101	286456	346.56	ug/l	95
12) 1,1-Dichloroethene	2.358	96	2313	2.87	ug/l	91
13) Acrolein	2.269	56	22	3.29	ug/l #	14
16) Acetone	2.422	43	1896	3.97	ug/l	92
17) Carbon Disulfide	2.540	76	41	0.55	ug/l #	75
20) Methylene Chloride	2.840	84	314	0.32	ug/l #	59
25) 2-Butanone	4.670	43	215	0.29	ug/l #	45
27) cis-1,2-Dichloroethene	4.558	96	1053	1.02	ug/l	98
31) Cyclohexane	5.629	56	2320	1.48	ug/l #	23
36) 1,1-Dichloropropene	5.623	75	7501	5.65	ug/l #	48
38) Carbon Tetrachloride	5.629	117	8635	6.26	ug/l #	17
39) Methylcyclohexane	7.194	83	321	0.22	ug/l #	1
42) 1,2-Dichloroethane	6.164	62	480	0.30	ug/l #	73
44) Trichloroethene	7.188	130	23987	24.66	ug/l	92
45) 1,2-Dichloropropane	7.488	63	510	0.52	ug/l	99
49) 1,4-Dioxane	7.723	88	119	Below	Cal #	17
60) Dibromochloromethane	9.317	129	8456	8.01	ug/l #	11
64) Tetrachloroethene	9.317	164	8452	9.98	ug/l	93
76) 1,2,3-Trichloropropane	11.118	75	31271	30.04	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31271	81.55	ug/l #	12

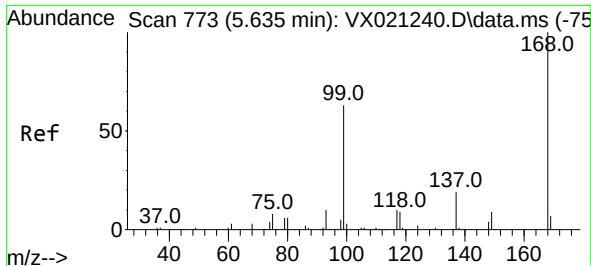
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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RE131D3-20210317

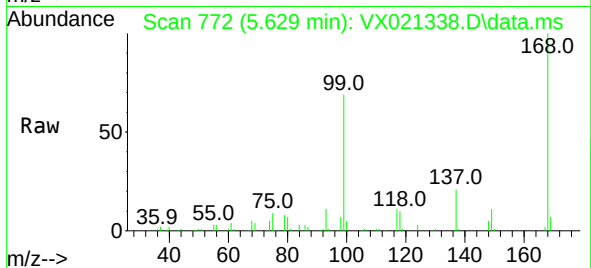
Quant Time: Mar 22 00:53:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
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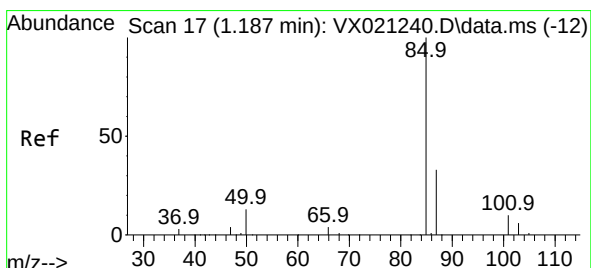
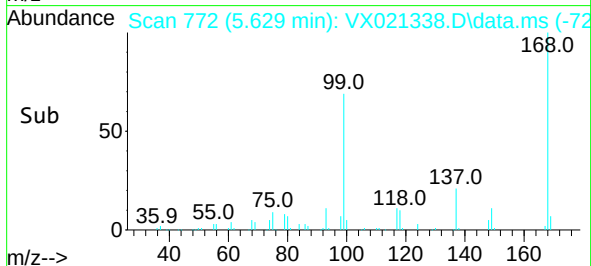
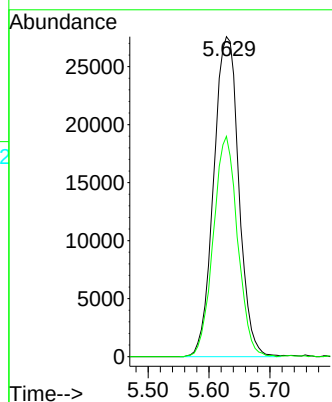


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Instrument :
MSVOA_X
ClientSampleId :
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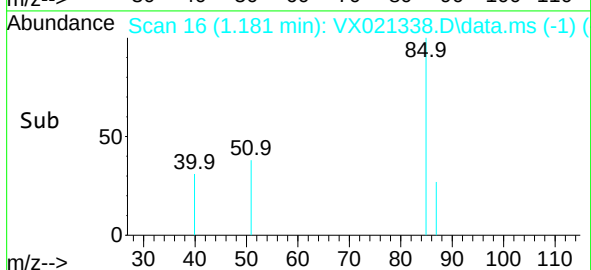
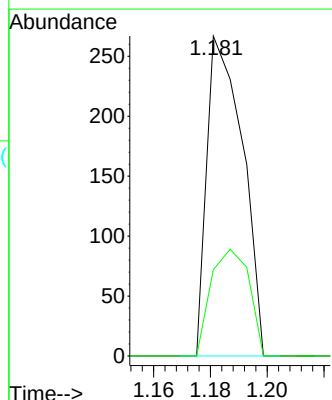
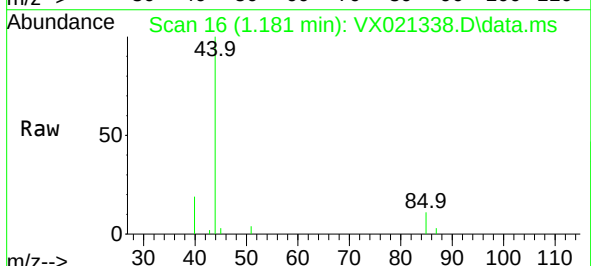


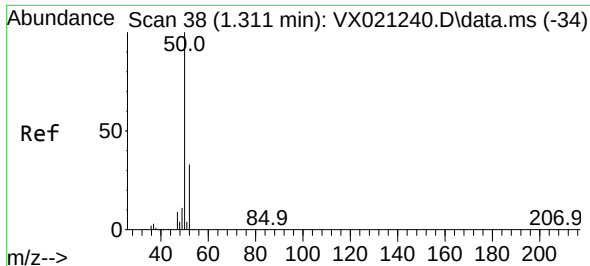
Tgt Ion:168 Resp: 79091
Ion Ratio Lower Upper
168 100
99 68.9 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.25 ug/l
RT: 1.181 min Scan# 16
Delta R.T. -0.006 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 85 Resp: 232
Ion Ratio Lower Upper
85 100
87 27.0 16.4 49.2

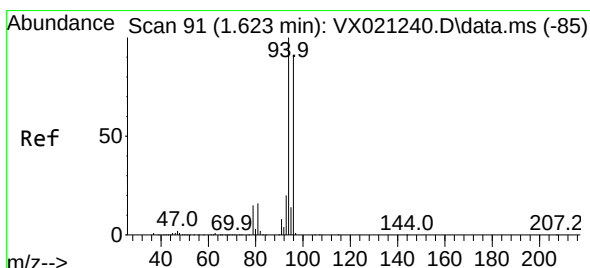
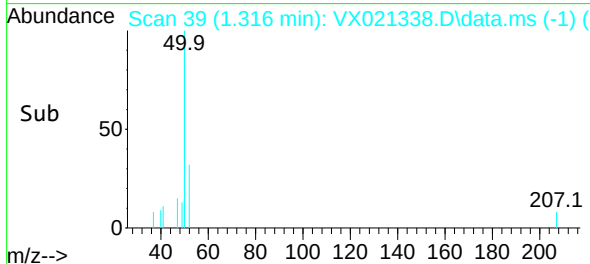
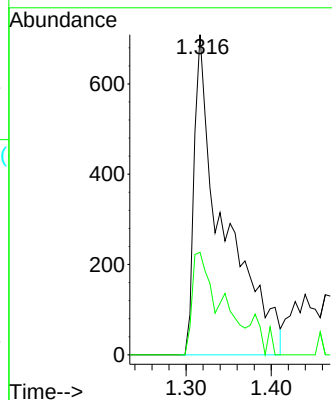
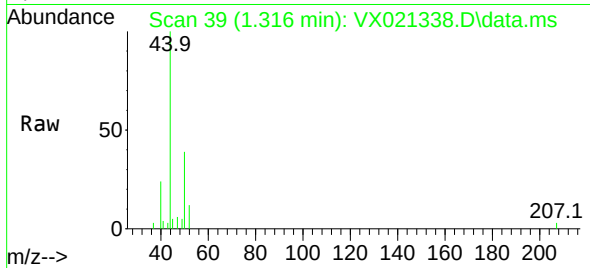




#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

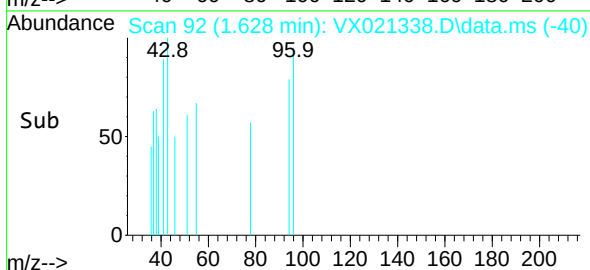
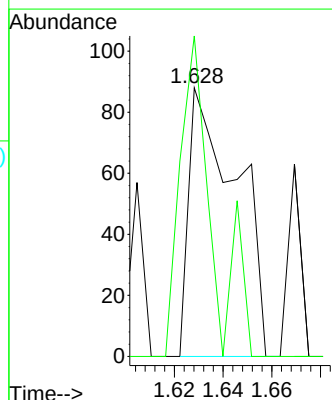
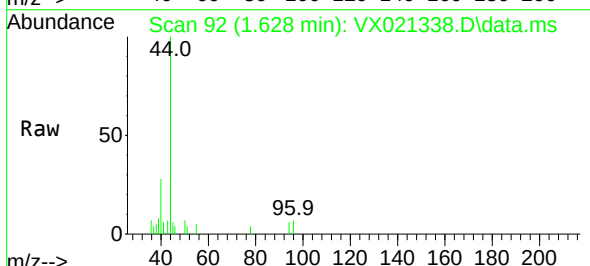
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

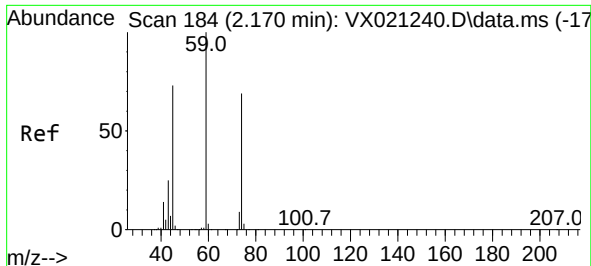
Tgt Ion: 50 Resp: 1697
Ion Ratio Lower Upper
50 100
52 32.0 26.4 39.6



#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 119.3 76.4 114.6#

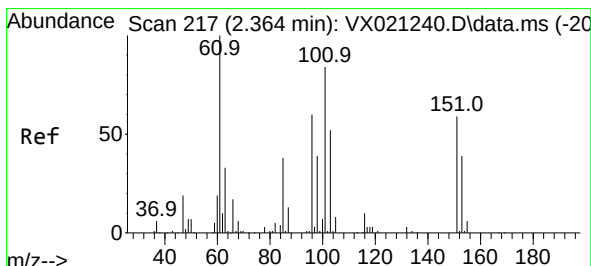
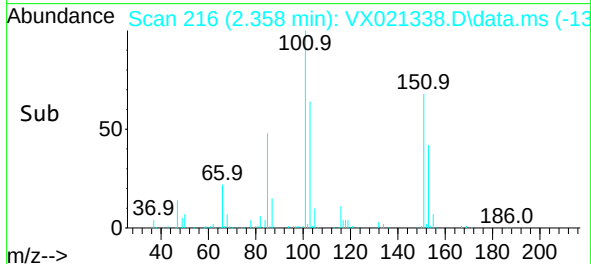
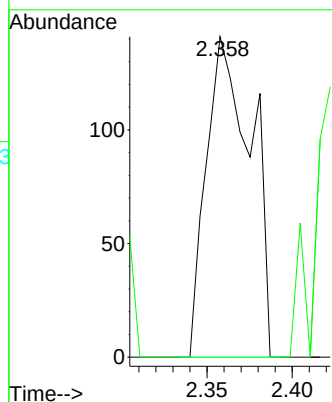
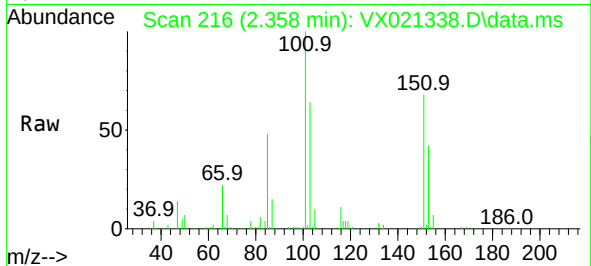




#8
Diethyl Ether
Concen: 0.50 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.188 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

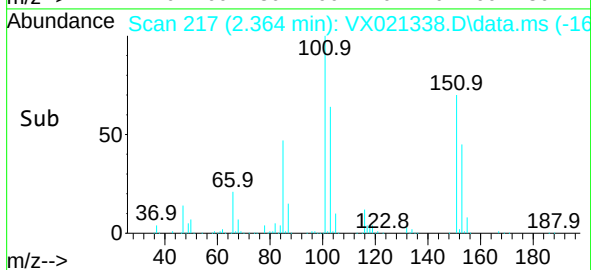
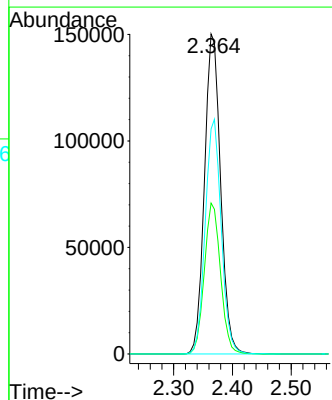
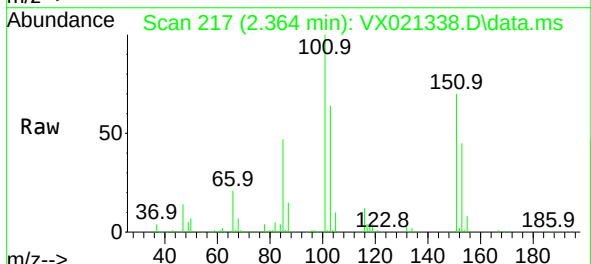
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

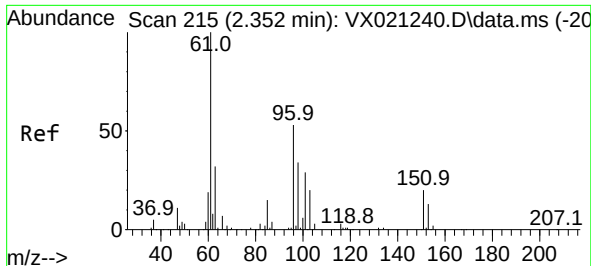
Tgt Ion: 74 Resp: 257
Ion Ratio Lower Upper
74 100
45 0.0 44.5 133.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 346.56 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 101 Resp: 286456
Ion Ratio Lower Upper
101 100
85 47.3 34.9 52.3
151 72.7 61.4 92.2

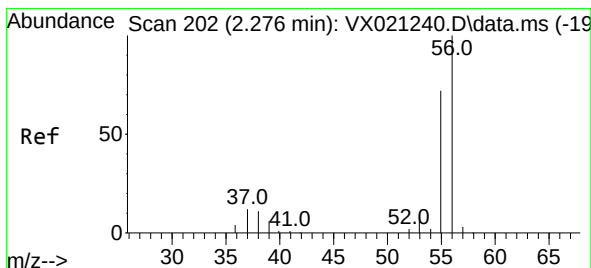
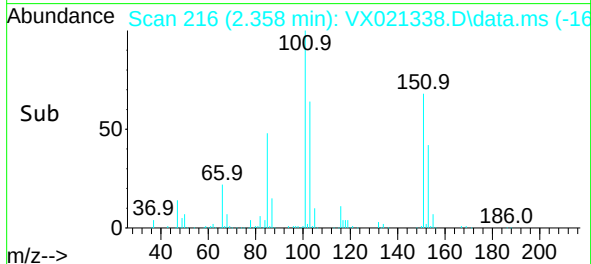
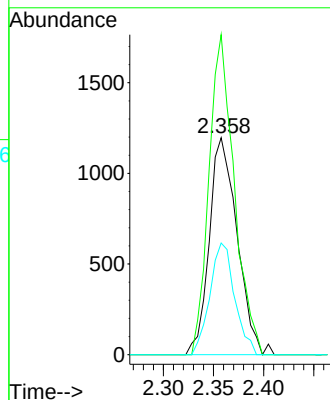
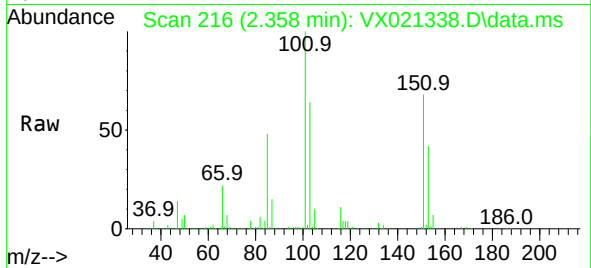




#12
1,1-Dichloroethene
Concen: 2.87 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

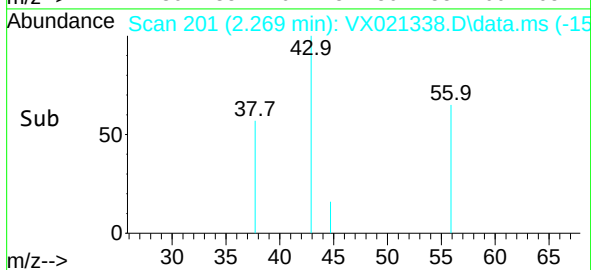
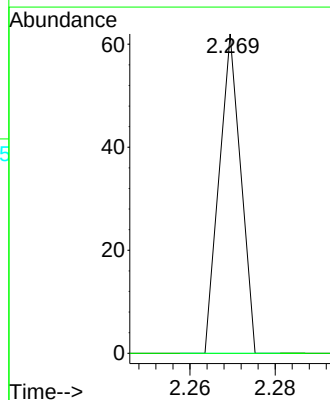
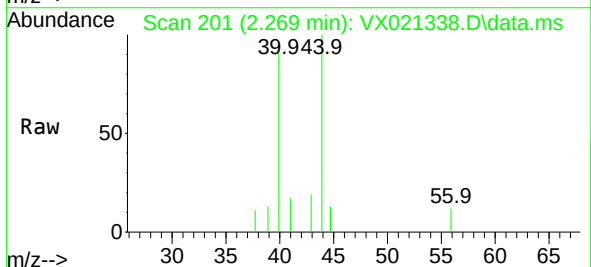
Instrument :
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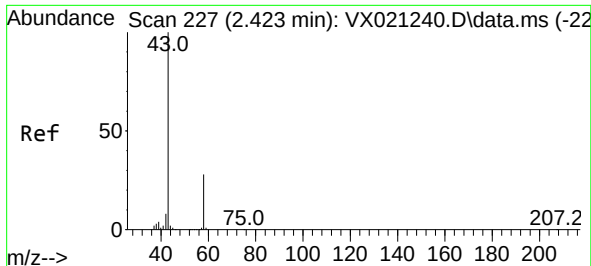
Tgt Ion: 96 Resp: 2313
Ion Ratio Lower Upper
96 100
61 147.5 124.6 187.0
98 51.5 50.6 76.0



#13
Acrolein
Concen: 3.29 ug/l
RT: 2.269 min Scan# 201
Delta R.T. -0.007 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

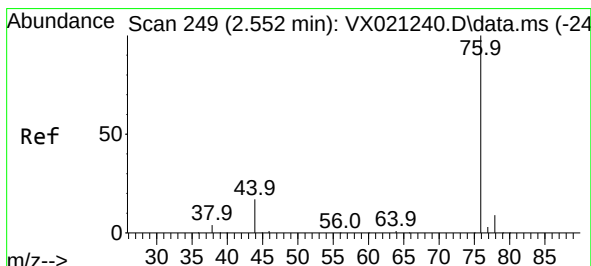
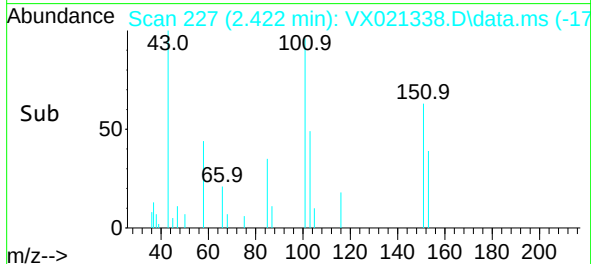
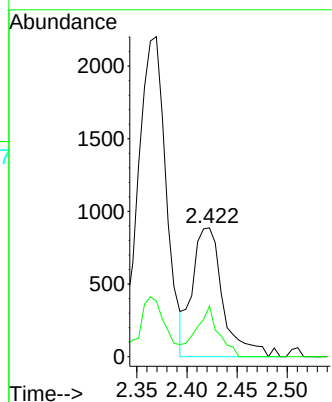
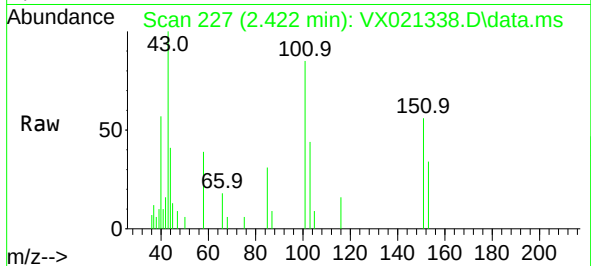




#16
Acetone
Concen: 3.97 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

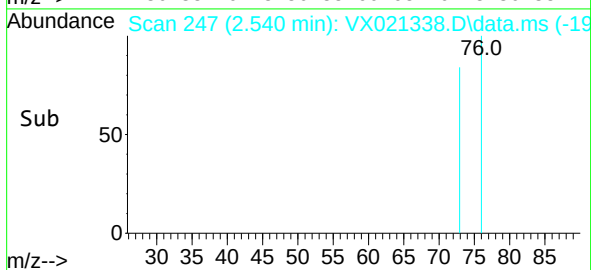
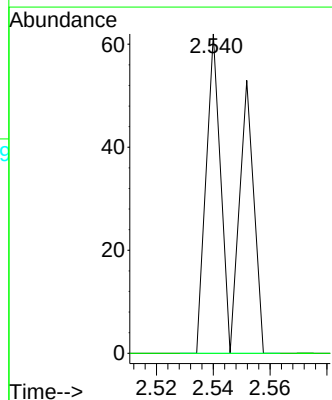
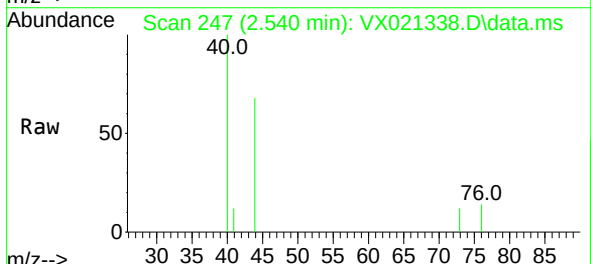
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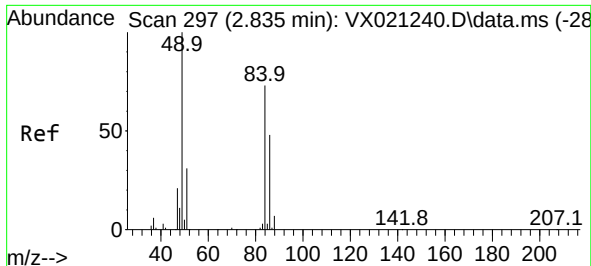
Tgt Ion: 43 Resp: 1896
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.55 ug/l
RT: 2.540 min Scan# 247
Delta R.T. -0.012 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 76 Resp: 41
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

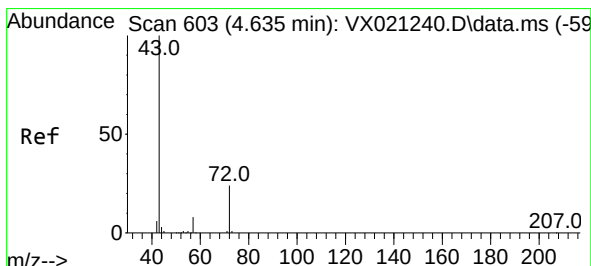
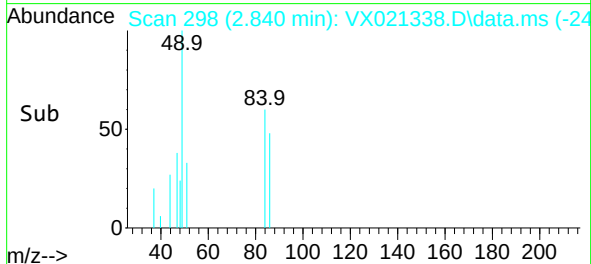
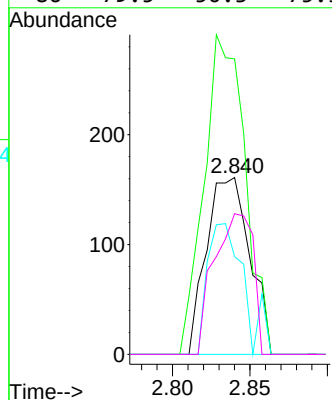
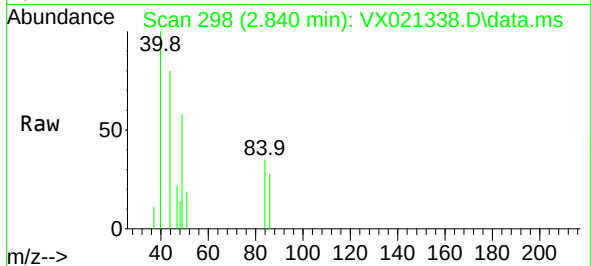




#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.005 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

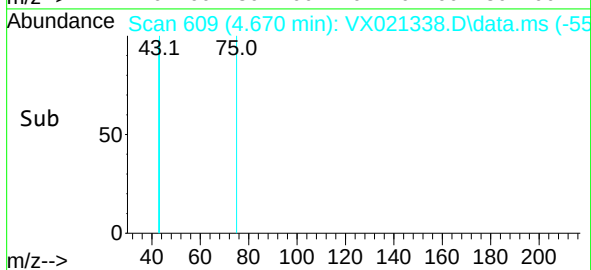
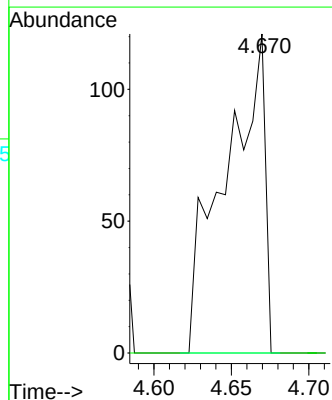
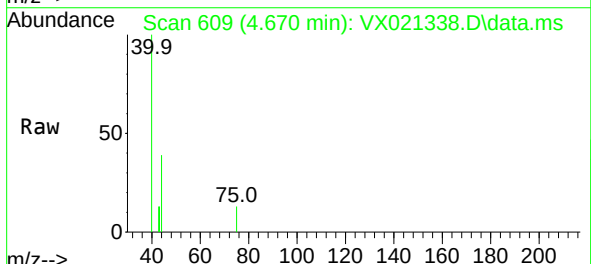
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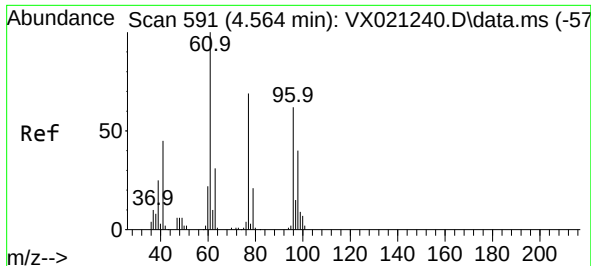
Tgt Ion: 84 Resp: 314
Ion Ratio Lower Upper
84 100
49 167.1 88.6 132.8#
51 55.3 27.0 40.6#
86 79.5 50.3 75.5#



#25
2-Butanone
Concen: 0.29 ug/l
RT: 4.670 min Scan# 609
Delta R.T. 0.035 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 1.02 ug/l

RT: 4.558 min Scan# 590

Delta R.T. -0.006 min

Lab File: VX021338.D

Acq: 20 Mar 2021 09:46

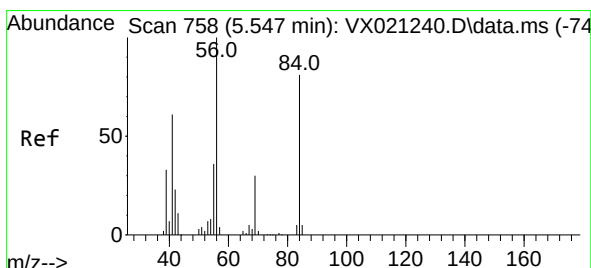
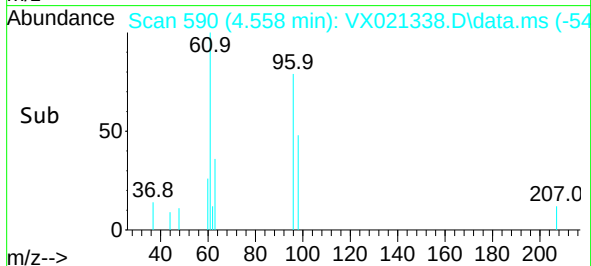
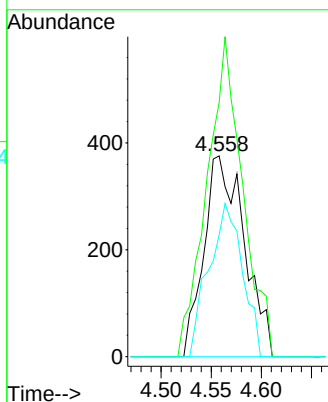
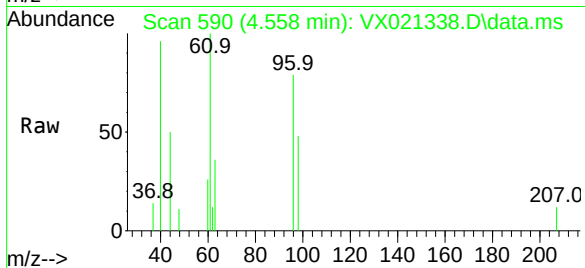
Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20210317

Tgt Ion: 96	Resp: 1053		
Ion Ratio	Lower	Upper	
96	100		
61	140.8	0.0	285.6
98	63.4	0.0	129.6



#31

Cyclohexane

Concen: 1.48 ug/l

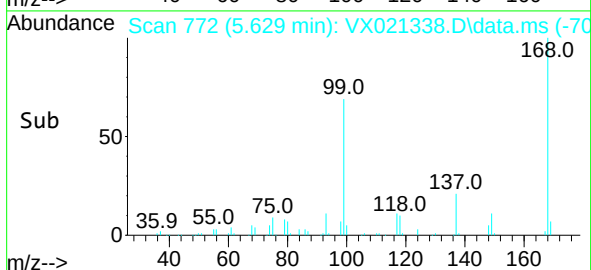
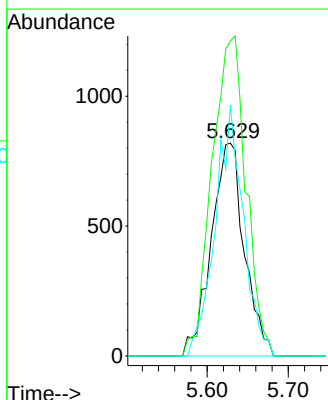
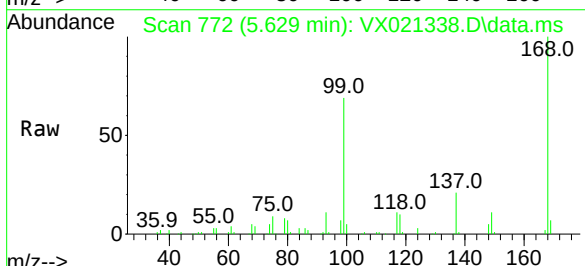
RT: 5.629 min Scan# 772

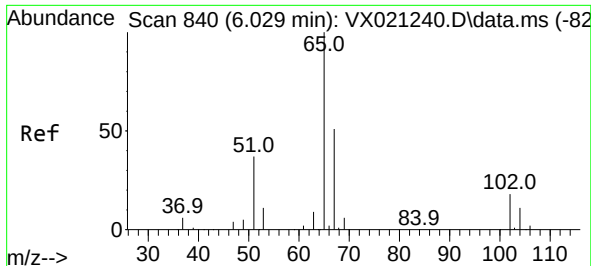
Delta R.T. 0.082 min

Lab File: VX021338.D

Acq: 20 Mar 2021 09:46

Tgt Ion: 56	Resp: 2320		
Ion Ratio	Lower	Upper	
56	100		
69	147.9	25.3	37.9#
84	117.7	71.4	107.0#

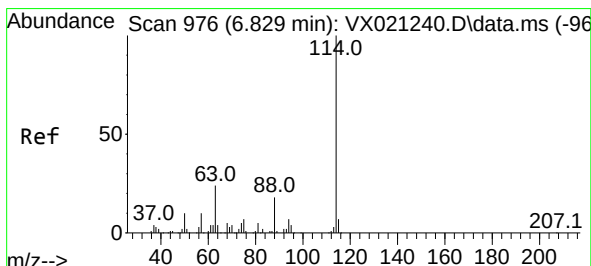
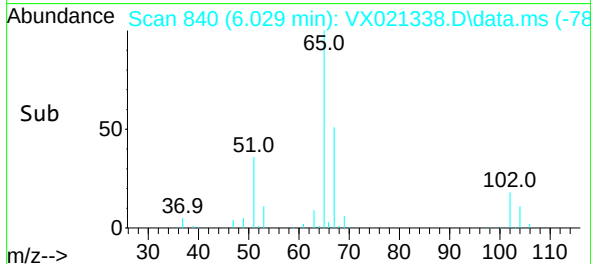
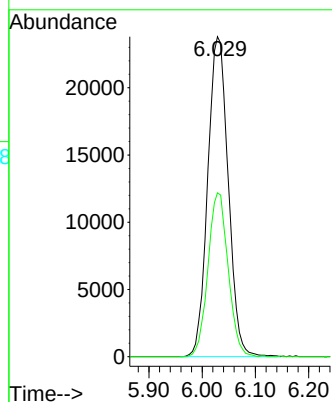
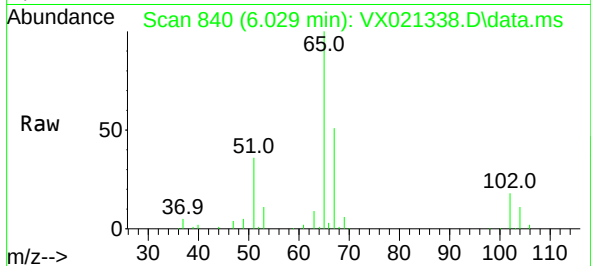




#33
1,2-Dichloroethane-d4
Concen: 49.02 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

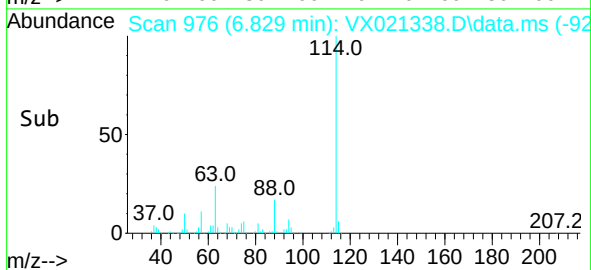
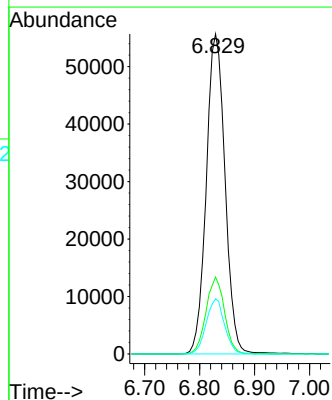
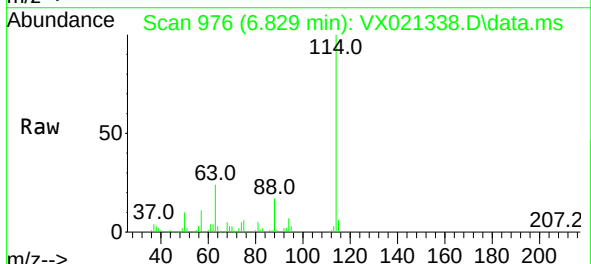
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

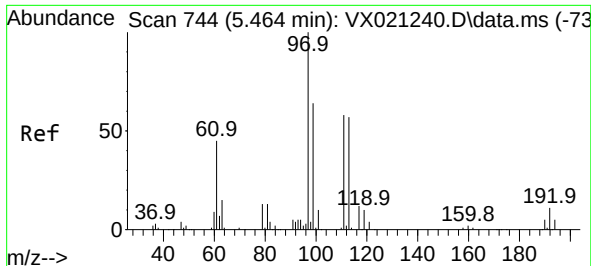
Tgt Ion: 65 Resp: 63585
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 114 Resp: 131870
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.8
88 17.2 0.0 32.8

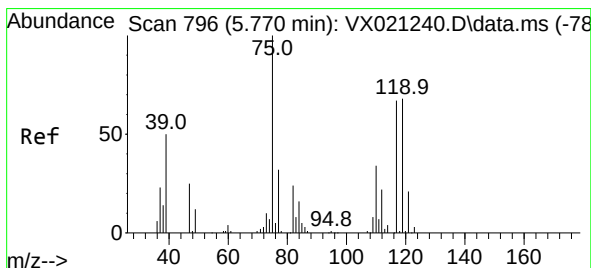
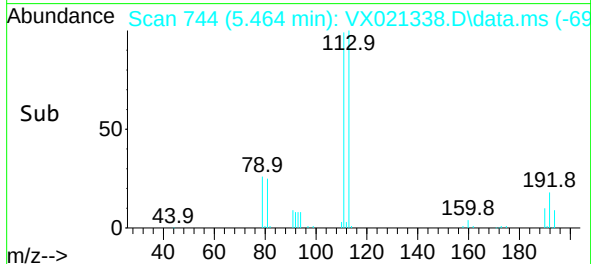
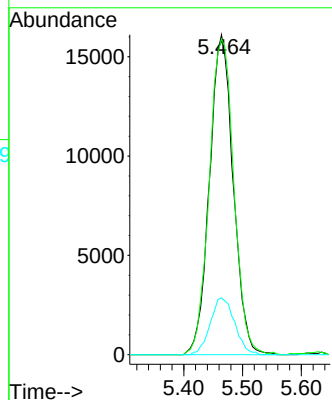
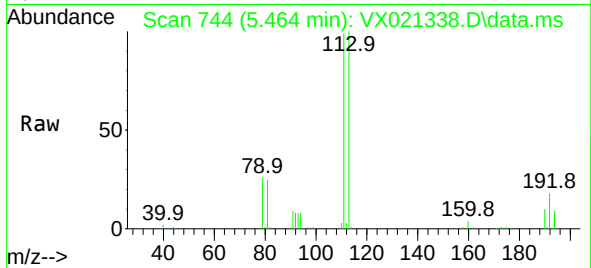




#35
Dibromofluoromethane
Concen: 50.34 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

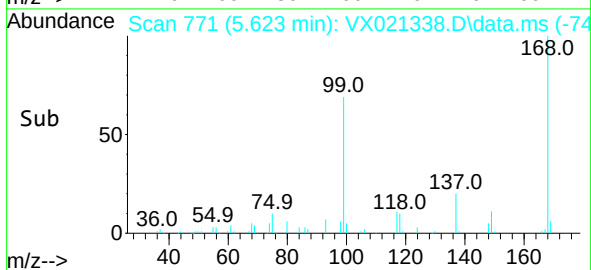
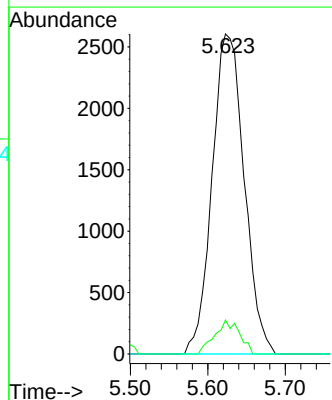
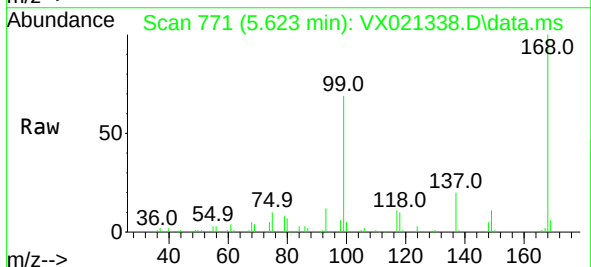
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

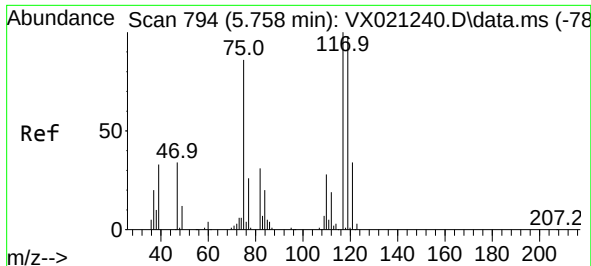
Tgt Ion:113 Resp: 45173
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 18.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.65 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

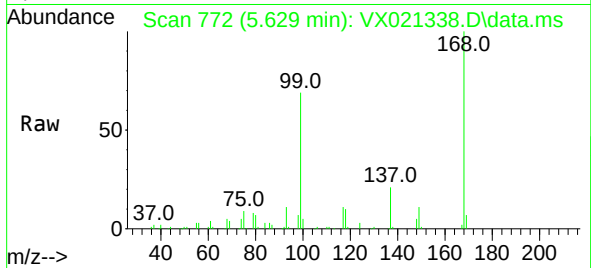
Tgt Ion: 75 Resp: 7501
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



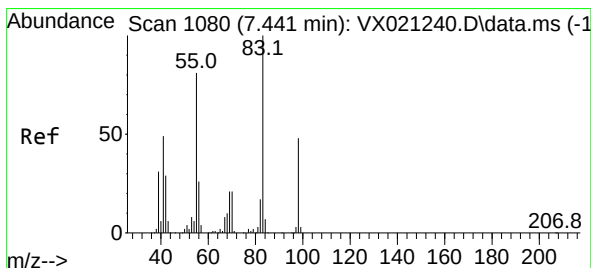
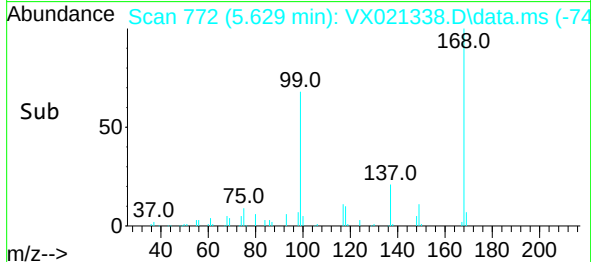
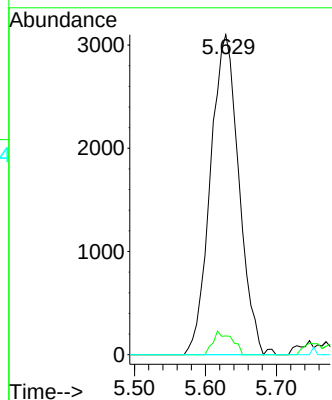


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

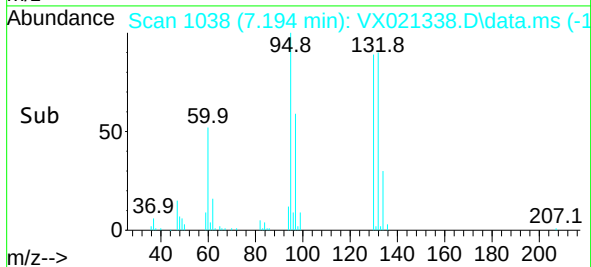
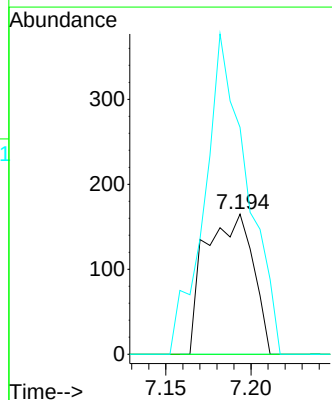
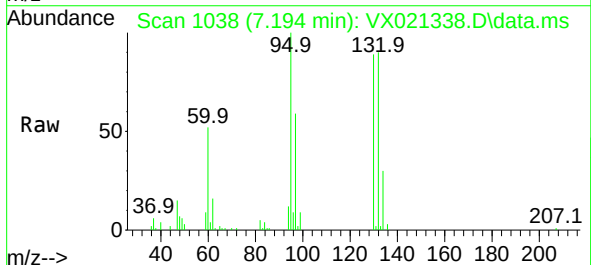


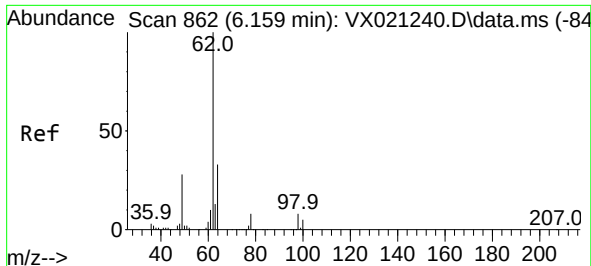
Tgt Ion:117 Resp: 8635
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.22 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. -0.247 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 83 Resp: 321
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 161.8 38.1 57.1#





#42

1,2-Dichloroethane

Concen: 0.30 ug/l

RT: 6.164 min Scan# 863

Delta R.T. 0.005 min

Lab File: VX021338.D

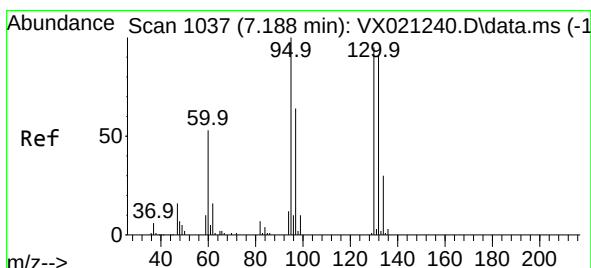
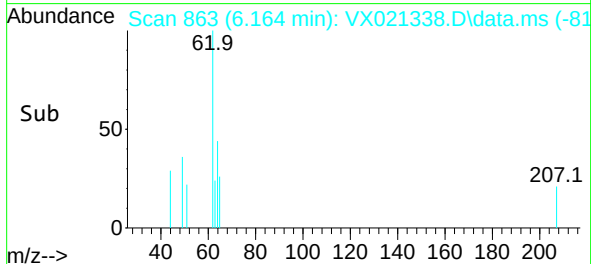
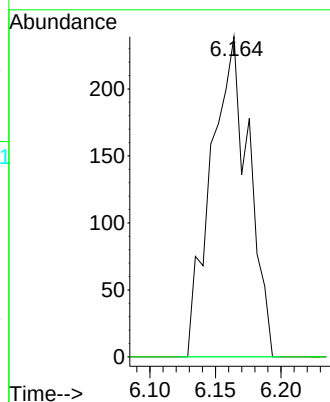
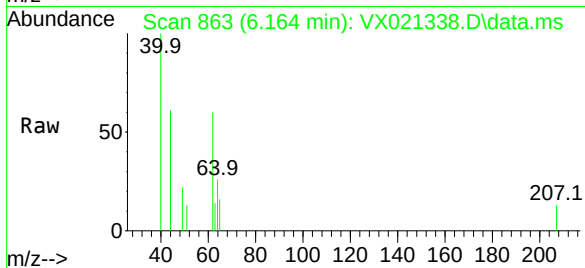
Acq: 20 Mar 2021 09:46

Tgt Ion: 62 Resp: 480

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 24.66 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021338.D

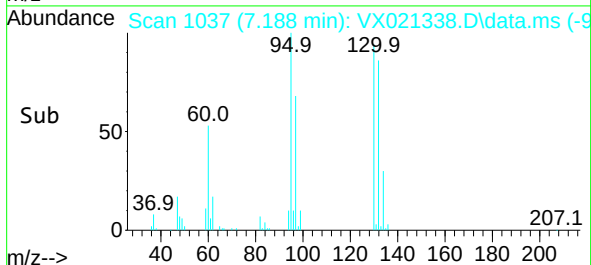
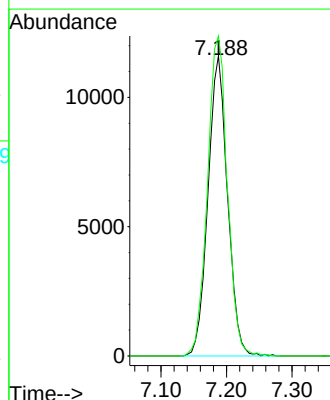
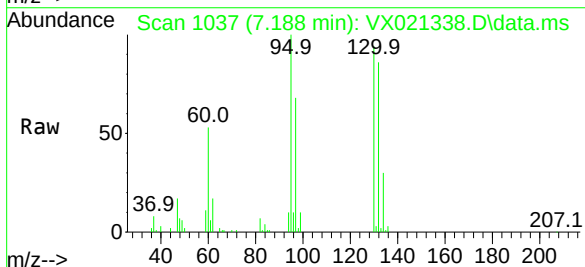
Acq: 20 Mar 2021 09:46

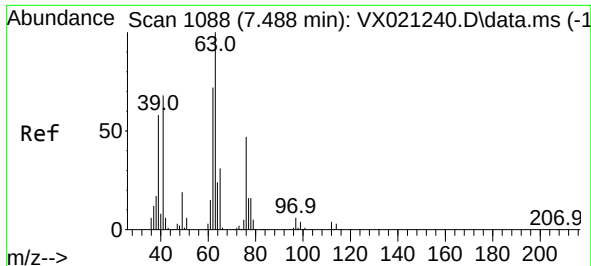
Tgt Ion:130 Resp: 23987

Ion Ratio Lower Upper

130 100

95 106.6 0.0 198.0

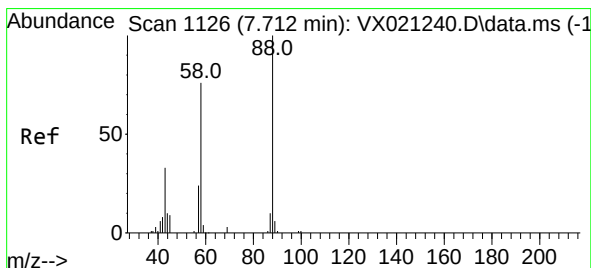
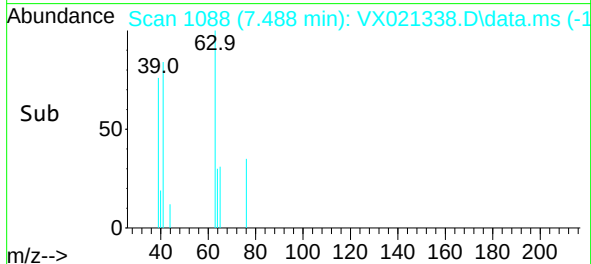
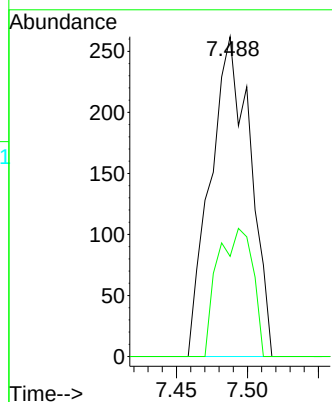
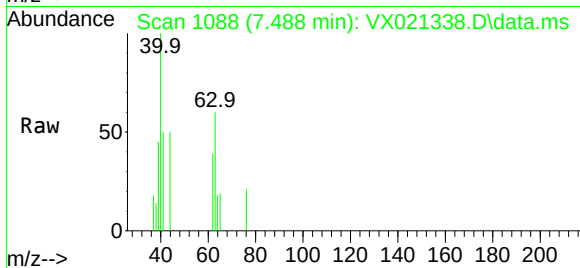




#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

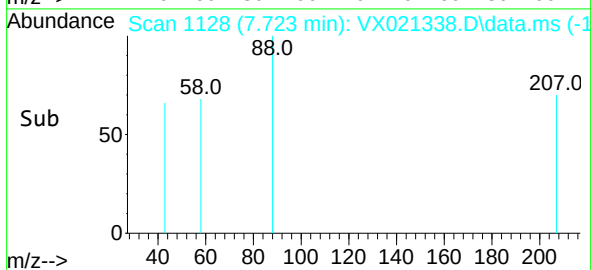
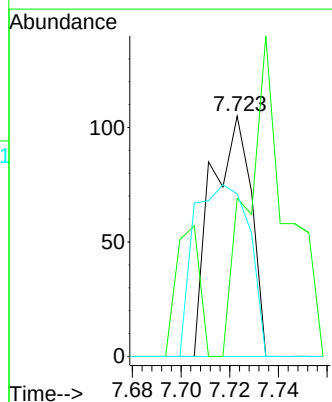
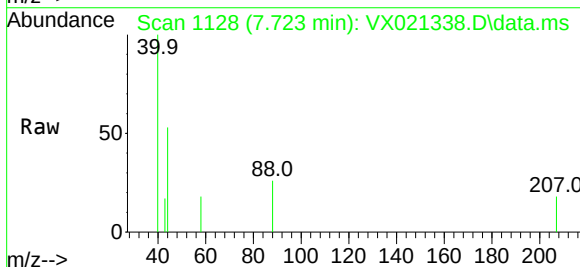
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

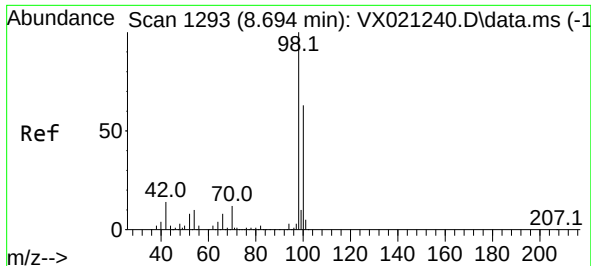
Tgt Ion: 63 Resp: 510
Ion Ratio Lower Upper
63 100
65 31.3 25.7 38.5



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
43 131.1 23.2 34.8#
58 99.2 55.0 82.4#

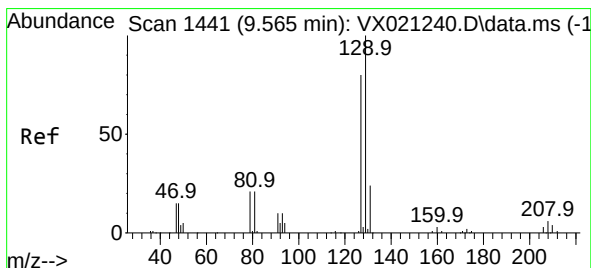
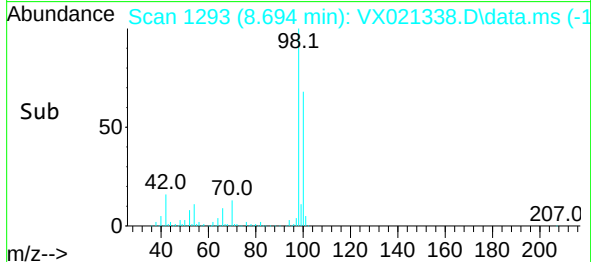
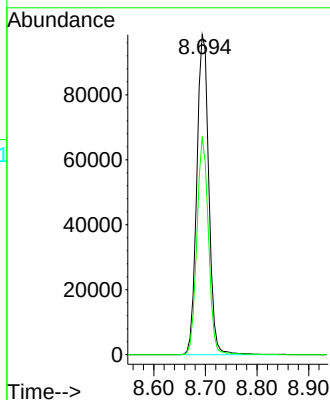
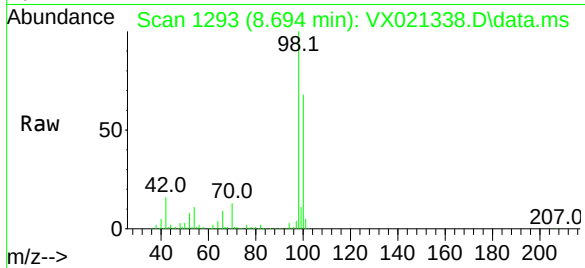




#50
Toluene-d8
Concen: 48.84 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

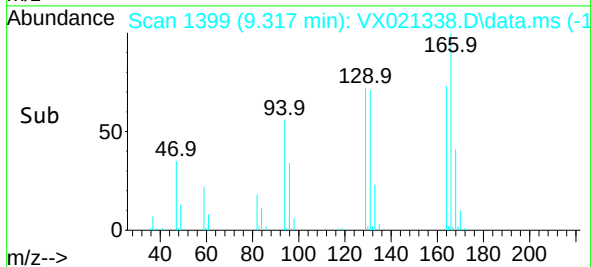
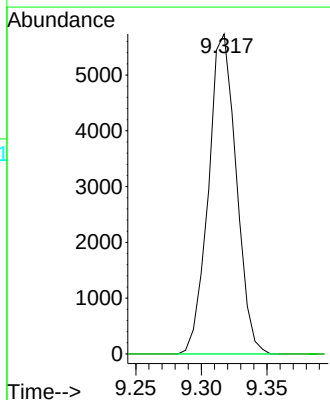
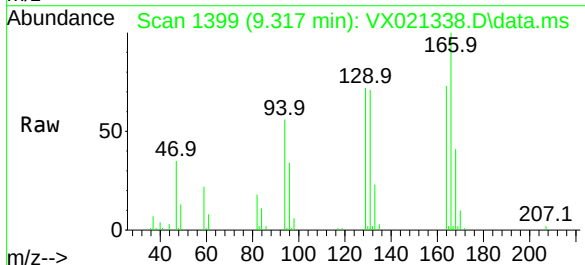
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

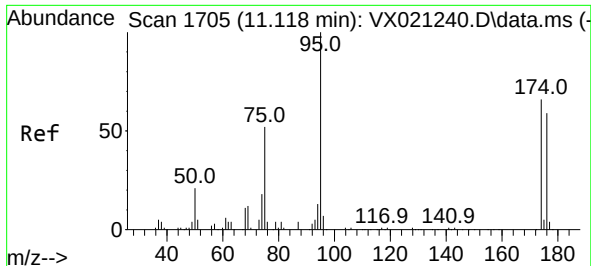
Tgt Ion: 98 Resp: 159003
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#60
Dibromochloromethane
Concen: 8.01 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.248 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 129 Resp: 8456
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

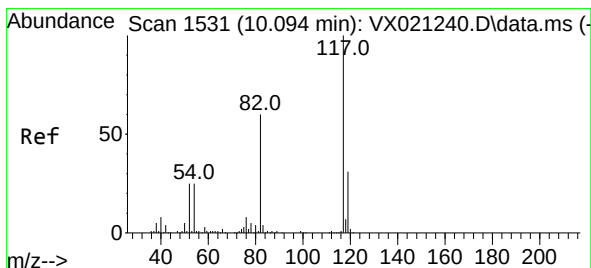
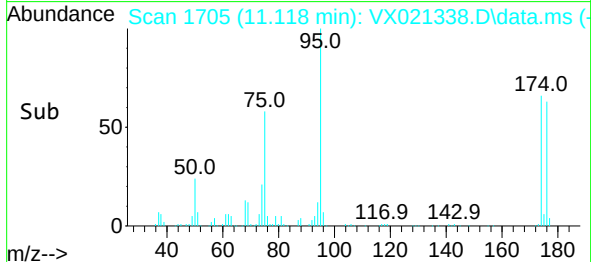
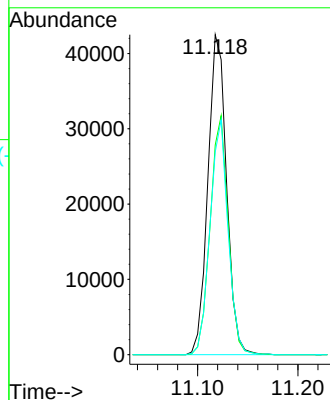
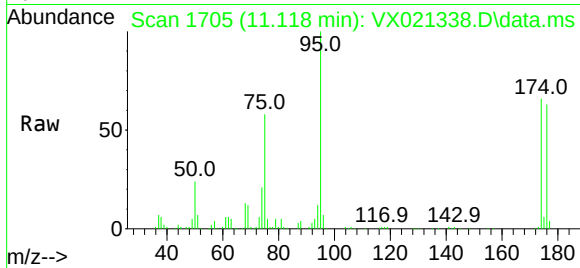




#62
4-Bromofluorobenzene
Concen: 43.52 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

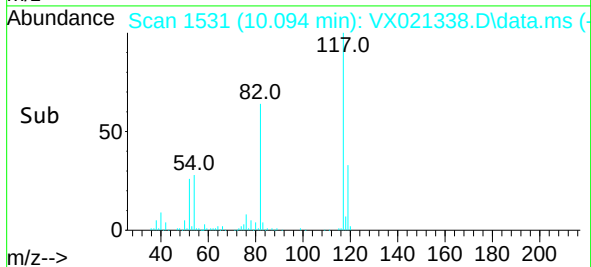
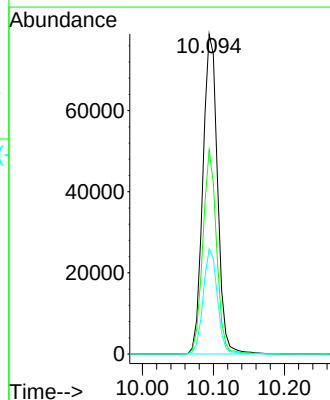
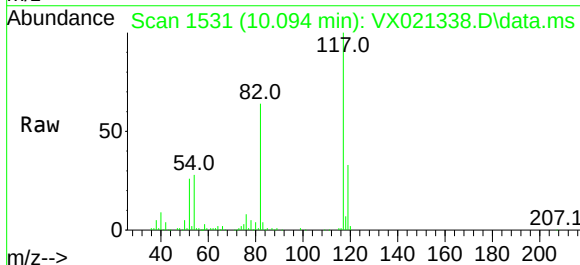
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

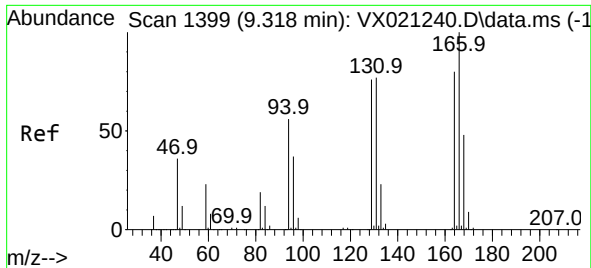
Tgt Ion: 95 Resp: 55028
Ion Ratio Lower Upper
95 100
174 72.3 0.0 154.6
176 70.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

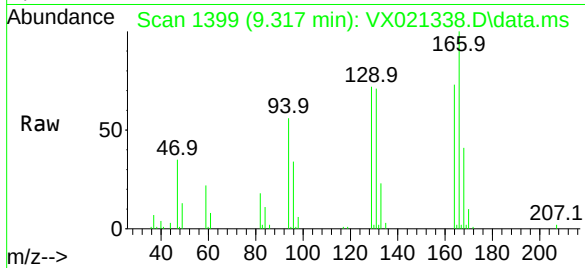
Tgt Ion: 117 Resp: 113350
Ion Ratio Lower Upper
117 100
82 63.8 47.4 71.2
119 32.9 26.6 39.8



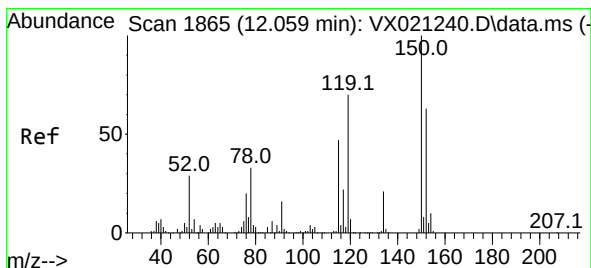
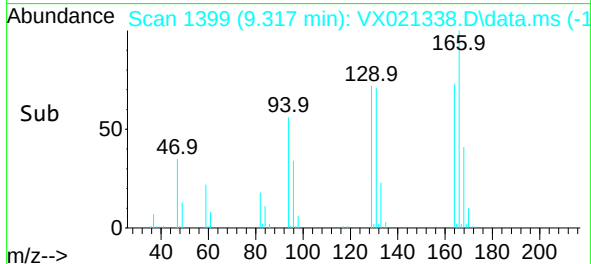
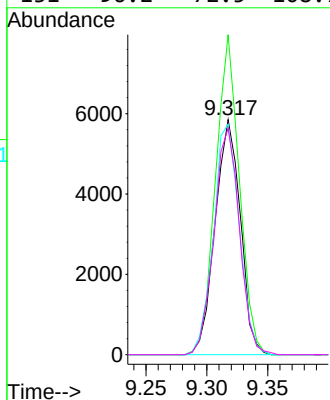


#64
Tetrachloroethene
Concen: 9.98 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.001 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

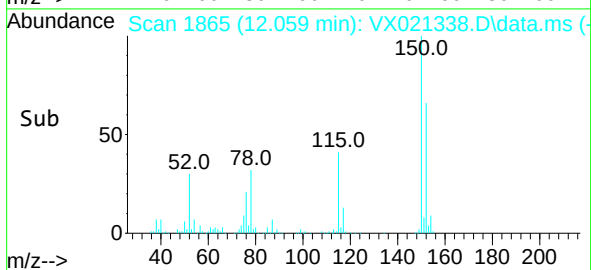
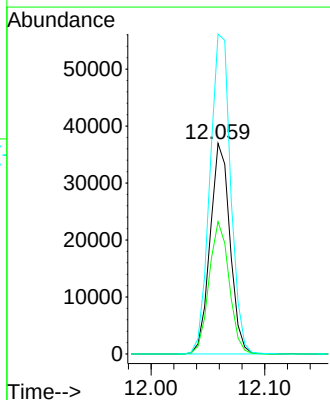
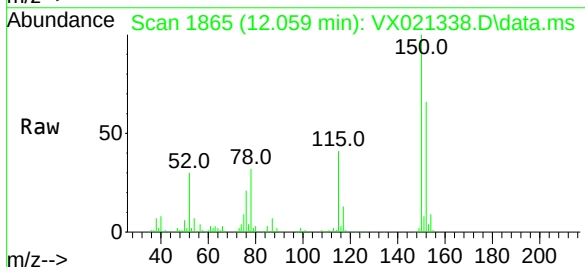


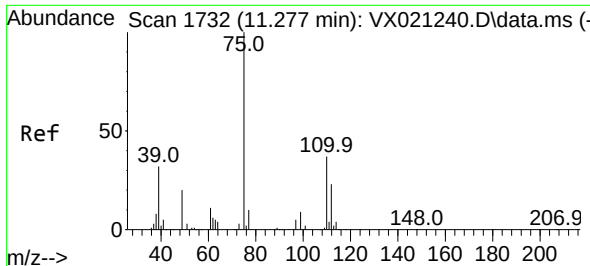
Tgt Ion:	164	Resp:	8452
Ion Ratio	Lower	Upper	
164	100		
166	136.1	103.4	155.2
129	98.0	70.8	106.2
131	96.2	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion:	152	Resp:	44879
Ion Ratio	Lower	Upper	
152	100		
115	63.4	41.1	123.3
150	159.1	0.0	349.0

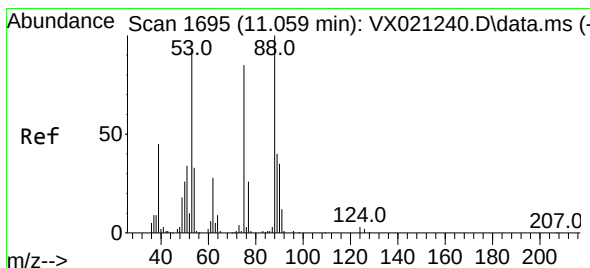
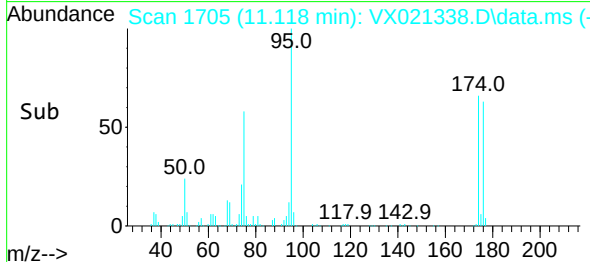
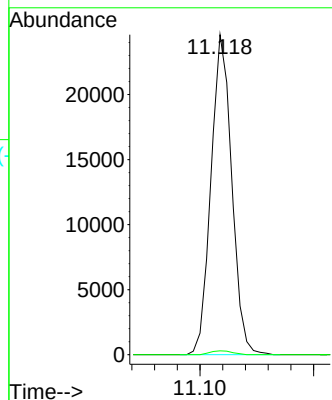
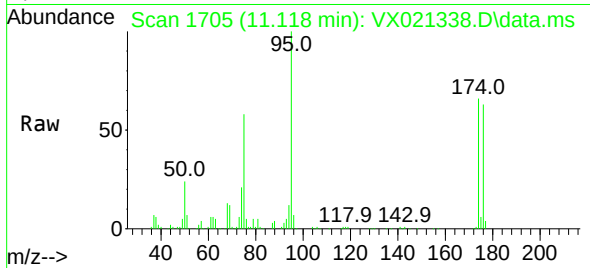




#76
1,2,3-Trichloropropane
Concen: 30.04 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210317

Tgt Ion: 75 Resp: 31271
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.55 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021338.D
Acq: 20 Mar 2021 09:46

Tgt Ion: 75 Resp: 31271
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

