

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021318.D
 Acq On : 19 Mar 2021 21:30
 Operator : JC/MD
 Sample : M1736-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210317

Quant Time: Mar 20 06:38:11 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	79295	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	129443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	105096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	41109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62332	47.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.86%
35) Dibromofluoromethane	5.464	113	44054	50.01	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.02%
50) Toluene-d8	8.694	98	155564	48.68	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.36%
62) 4-Bromofluorobenzene	11.118	95	51358	41.38	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.76%#

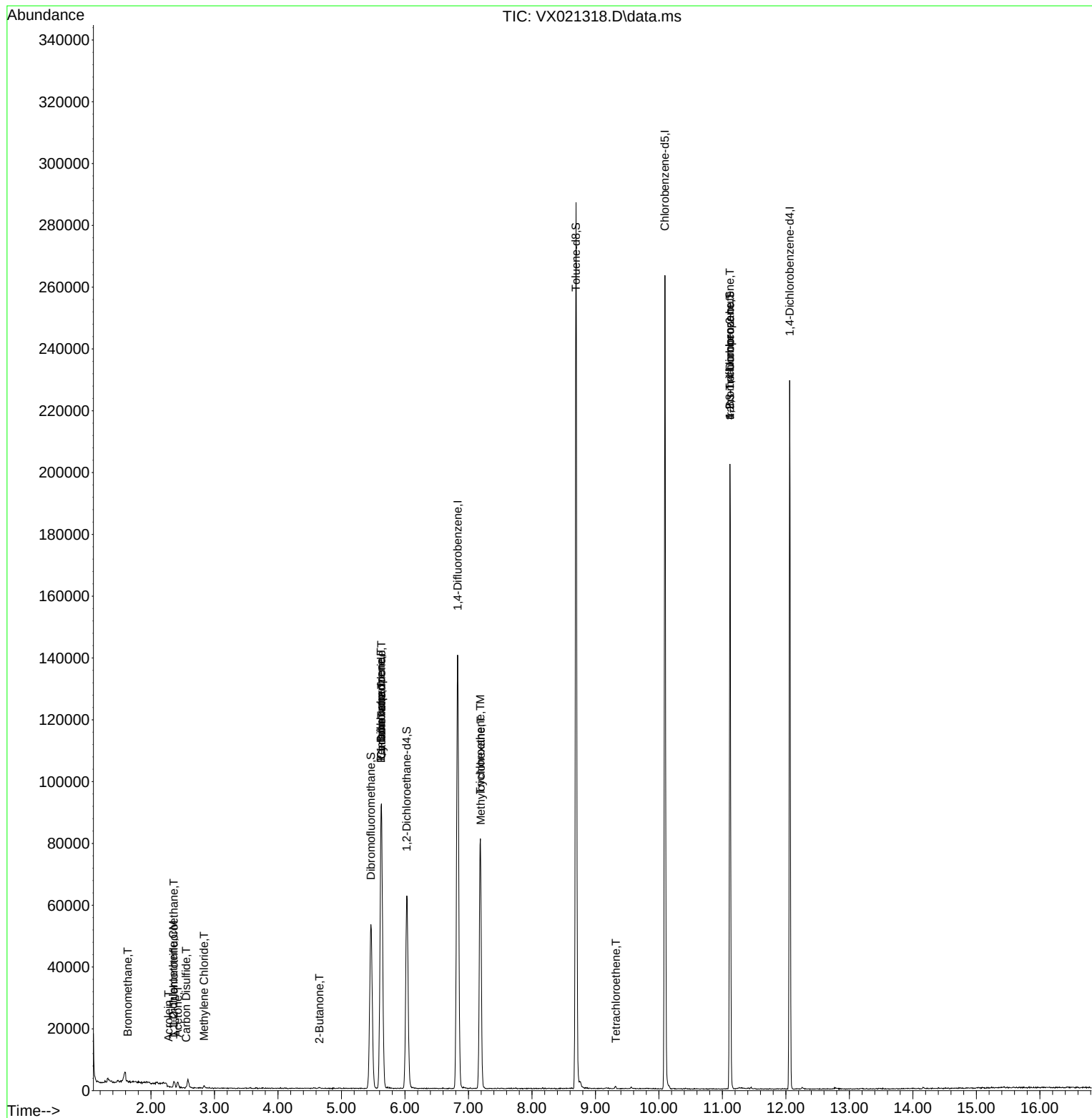
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.317	50	1978	Below Cal		93
5) Bromomethane	1.634	94	109	0.26	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.358	101	689	0.83	ug/l	98
12) 1,1-Dichloroethene	2.352	96	163	0.20	ug/l #	79
13) Acrolein	2.276	56	18	3.26	ug/l #	14
16) Acetone	2.423	43	2129	4.45	ug/l #	87
17) Carbon Disulfide	2.552	76	126	0.59	ug/l #	75
20) Methylene Chloride	2.835	84	235	0.24	ug/l #	90
25) 2-Butanone	4.652	43	169	0.23	ug/l #	45
31) Cyclohexane	5.629	56	2285	1.45	ug/l #	24
36) 1,1-Dichloropropene	5.623	75	7371	5.65	ug/l #	48
38) Carbon Tetrachloride	5.629	117	8886	6.56	ug/l #	16
39) Methylcyclohexane	7.194	83	419	0.29	ug/l #	1
44) Trichloroethene	7.188	130	28396	29.74	ug/l	94
64) Tetrachloroethene	9.324	164	160	0.20	ug/l #	56
76) 1,2,3-Trichloropropane	11.118	75	29164	30.58	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	29164	83.03	ug/l #	12

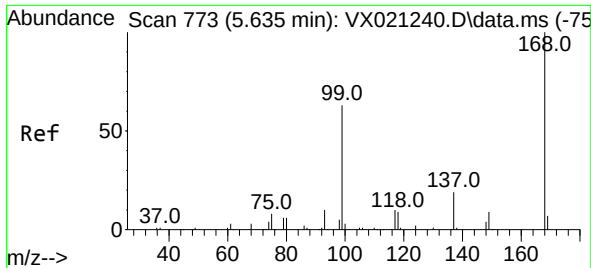
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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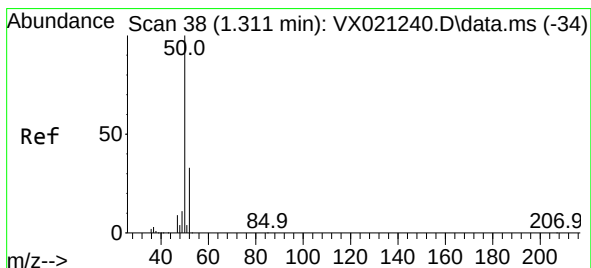
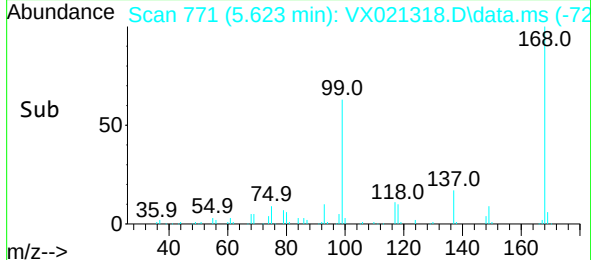
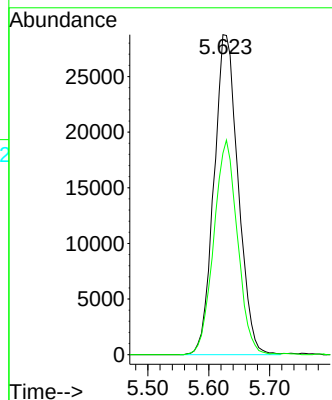
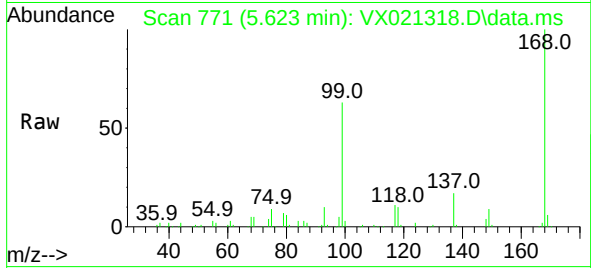




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

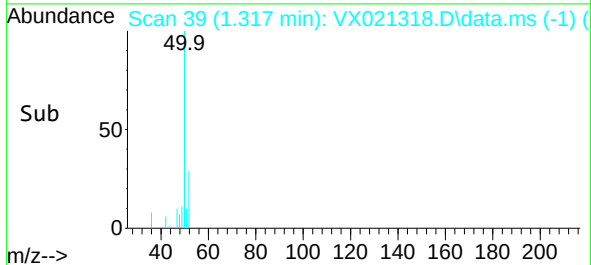
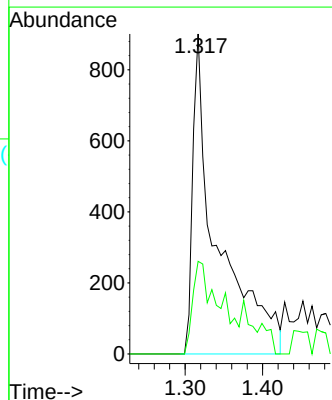
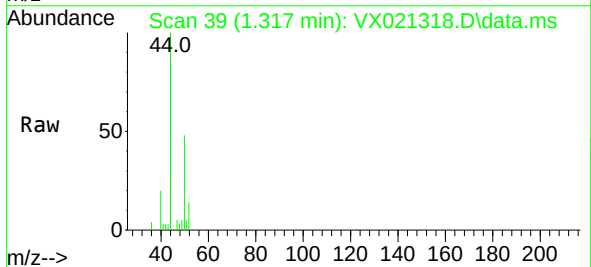
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

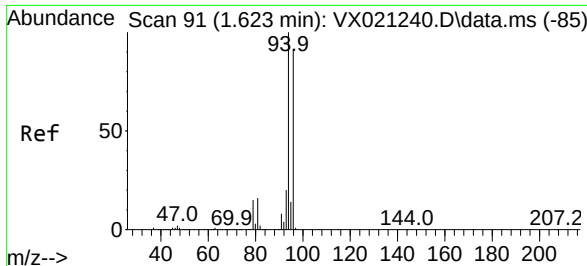
Tgt Ion:168 Resp: 79295
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

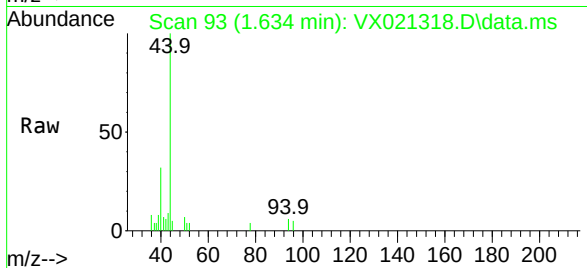
Tgt Ion: 50 Resp: 1978
Ion Ratio Lower Upper
50 100
52 29.0 26.4 39.6



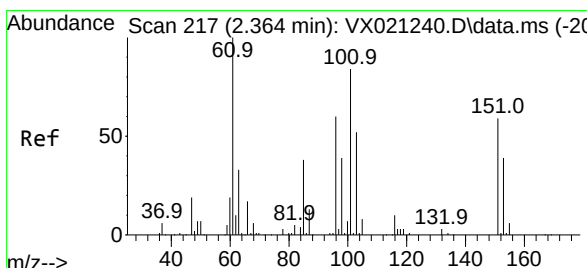
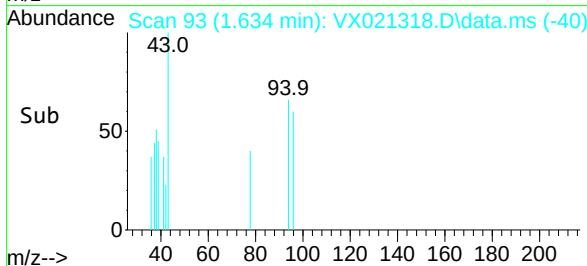
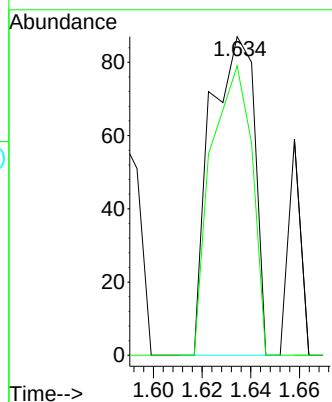


#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

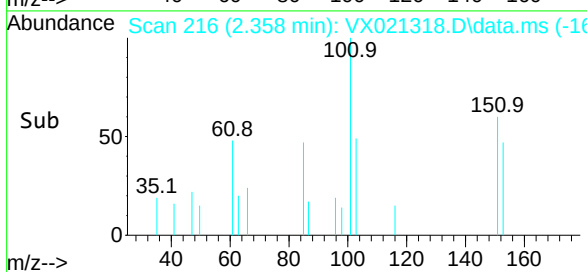
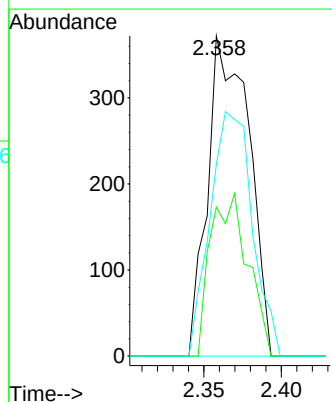
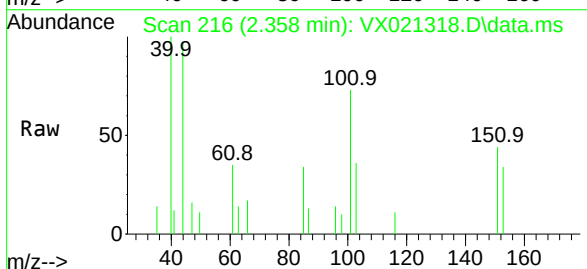


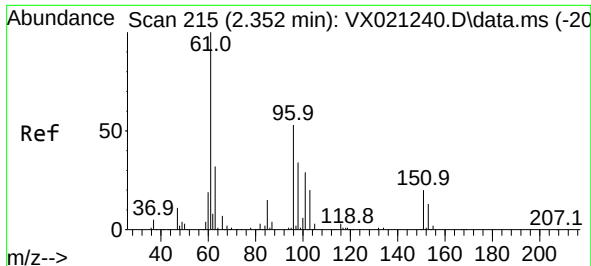
Tgt Ion: 94 Resp: 109
Ion Ratio Lower Upper
94 100
96 90.8 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.83 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

Tgt Ion: 101 Resp: 689
Ion Ratio Lower Upper
101 100
85 46.0 34.9 52.3
151 78.1 61.4 92.2

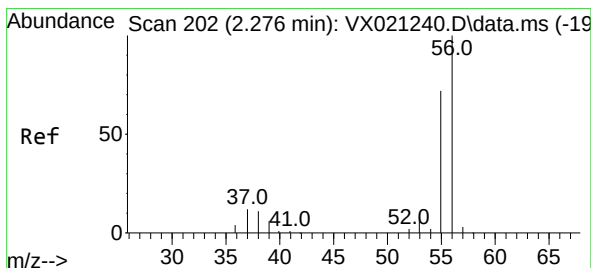
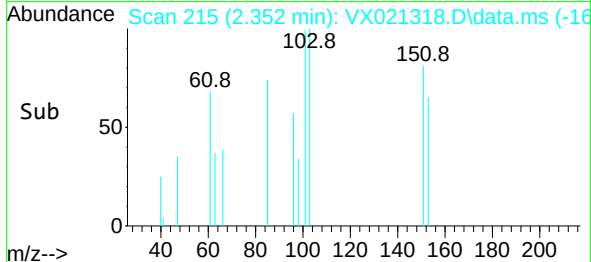
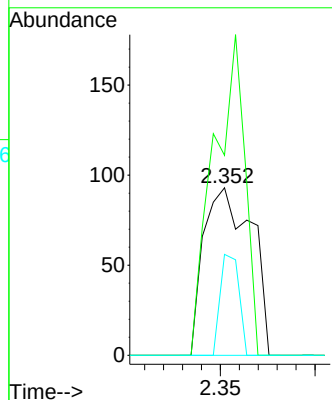
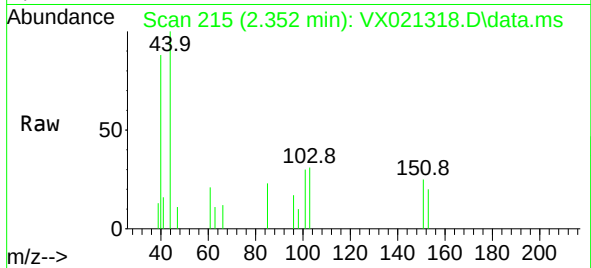




#12
1,1-Dichloroethene
Concen: 0.20 ug/l
RT: 2.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

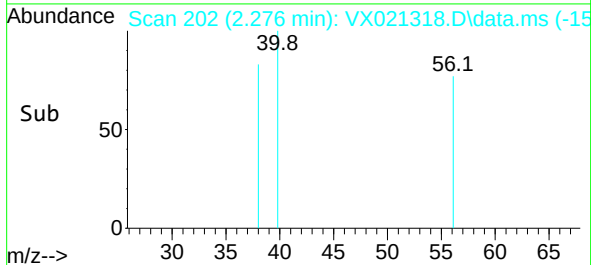
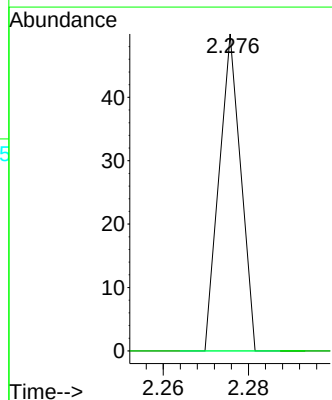
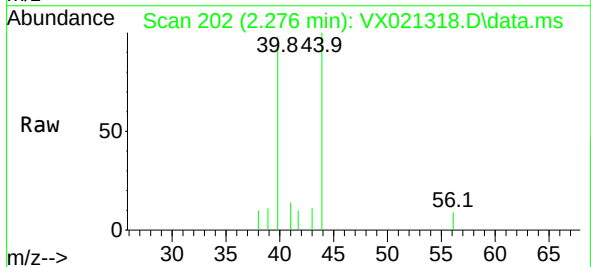
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

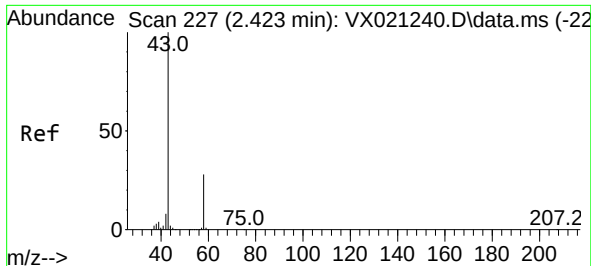
Tgt Ion: 96 Resp: 163
Ion Ratio Lower Upper
96 100
61 119.4 124.6 187.0#
98 60.2 50.6 76.0



#13
Acrolein
Concen: 3.26 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

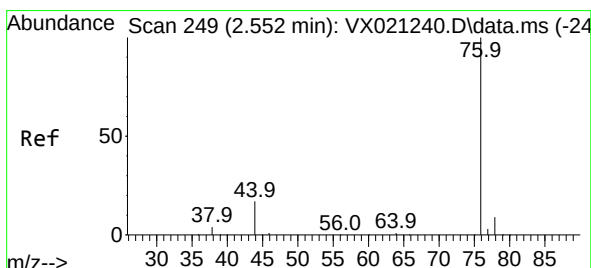
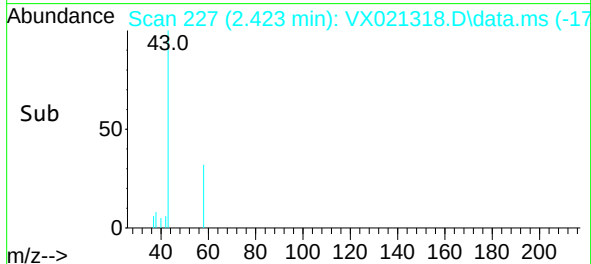
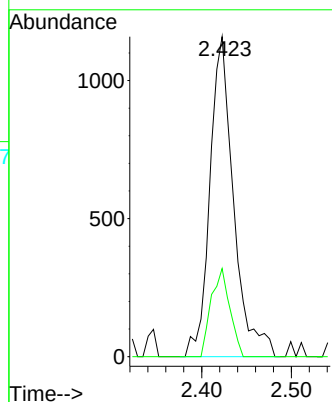
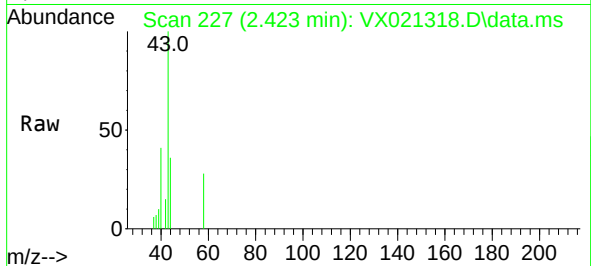




#16
Acetone
Concen: 4.45 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

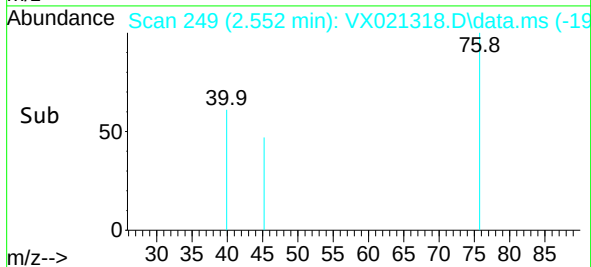
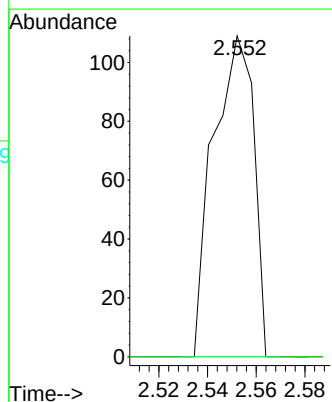
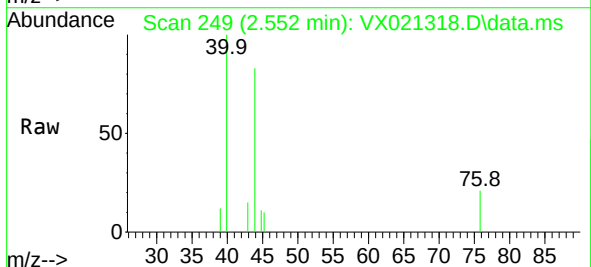
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

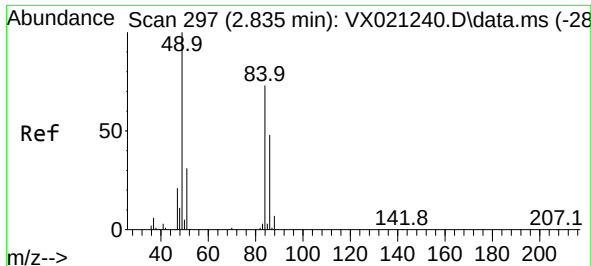
Tgt Ion: 43 Resp: 2129
Ion Ratio Lower Upper
43 100
58 27.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.59 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

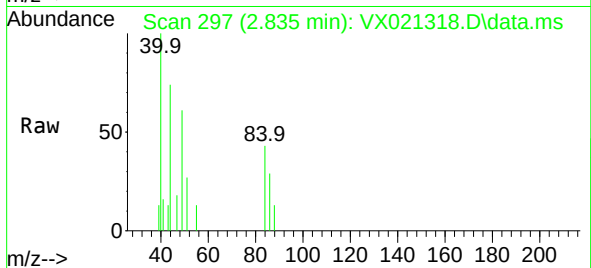
Tgt Ion: 76 Resp: 126
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



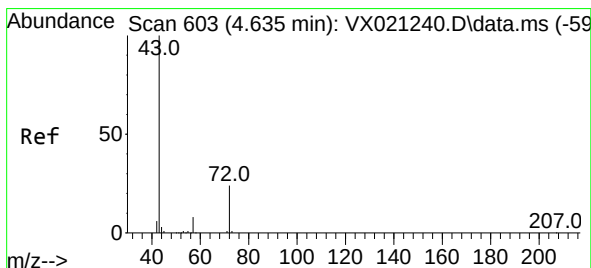
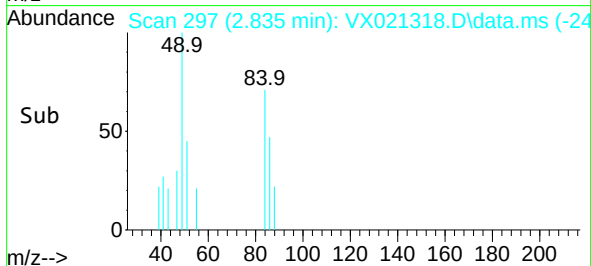
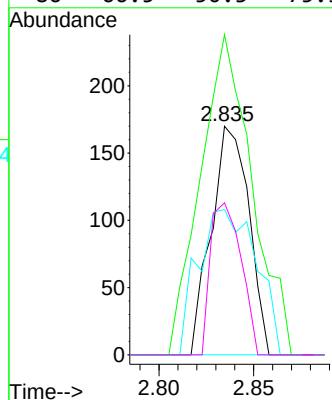


#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.835 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

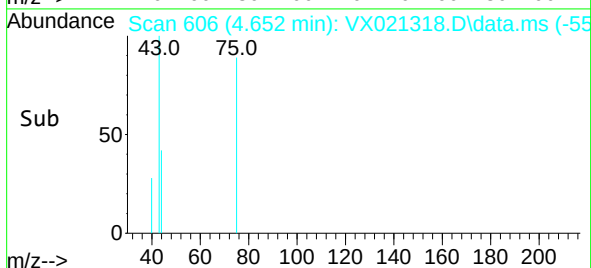
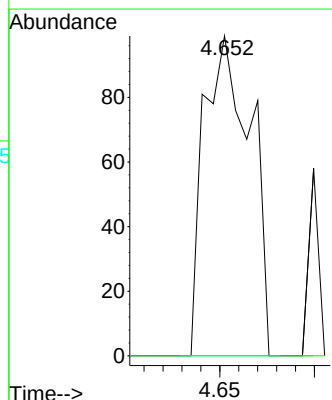
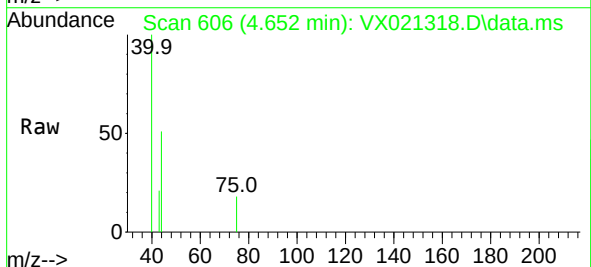


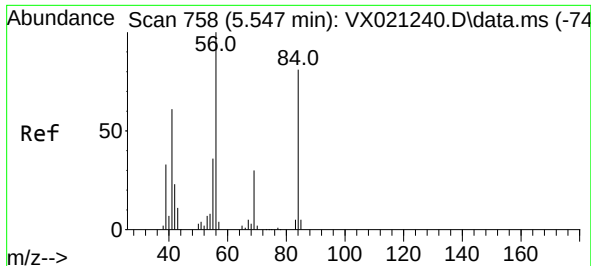
Tgt Ion:	84	Resp:	235
Ion	Ratio	Lower	Upper
84	100		
49	110.0	88.6	132.8
51	63.5	27.0	40.6#
86	66.5	50.3	75.5



#25
2-Butanone
Concen: 0.23 ug/l
RT: 4.652 min Scan# 606
Delta R.T. 0.017 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

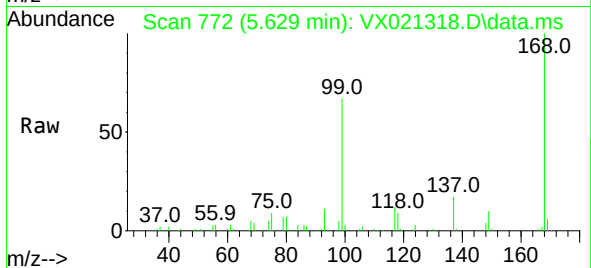
Tgt Ion:	43	Resp:	169
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



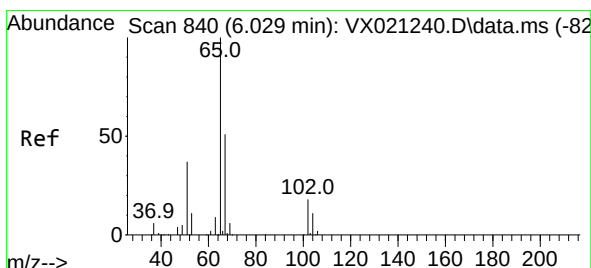
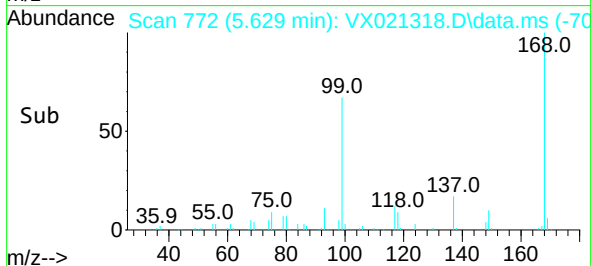
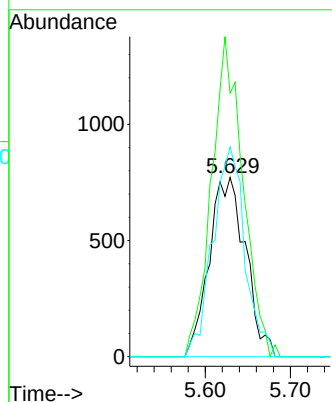


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

Instrument :
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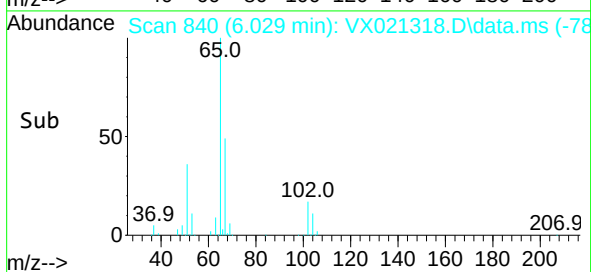
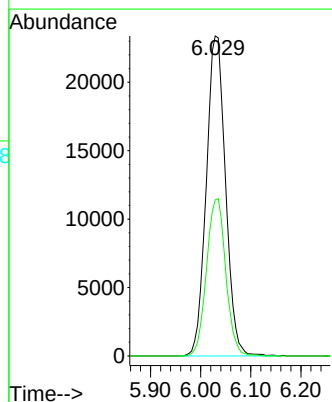
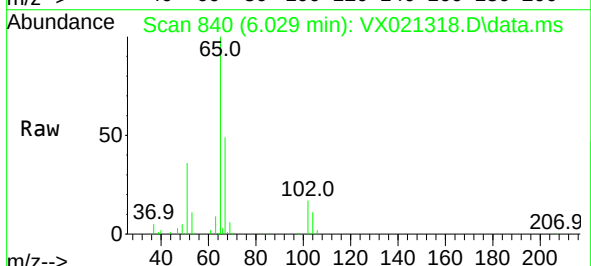


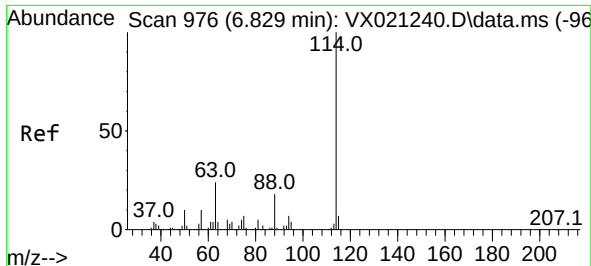
Tgt Ion: 56 Resp: 2285
Ion Ratio Lower Upper
56 100
69 147.1 25.3 37.9#
84 117.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.93 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

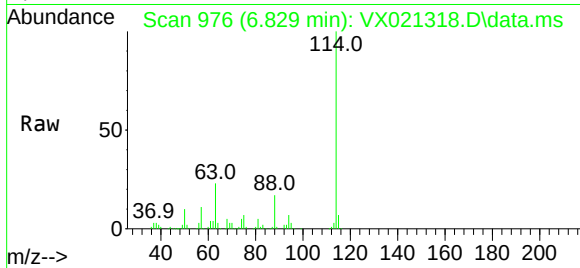
Tgt Ion: 65 Resp: 62332
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.4



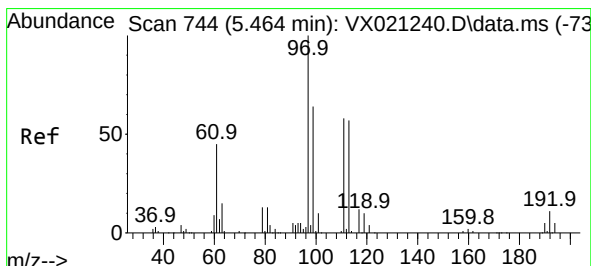
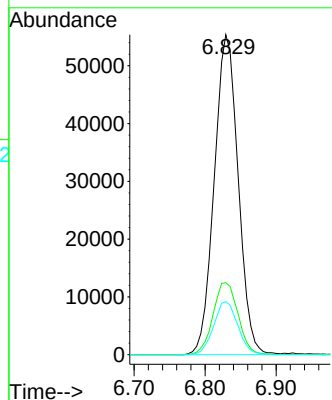
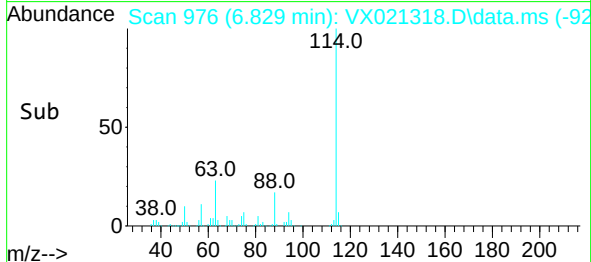


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

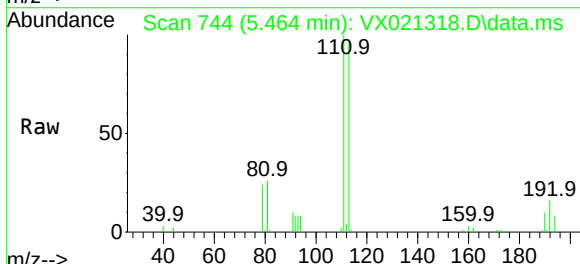
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317



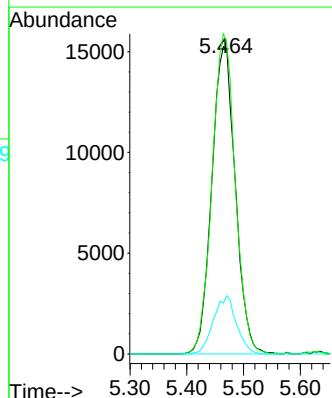
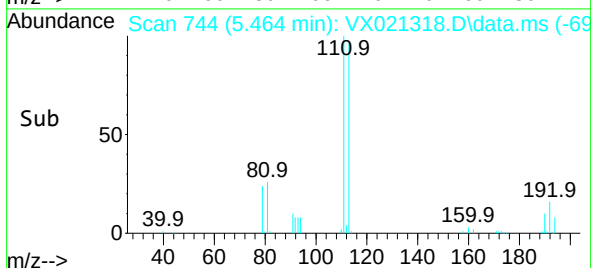
Tgt Ion:114 Resp: 129443
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.6 0.0 32.8

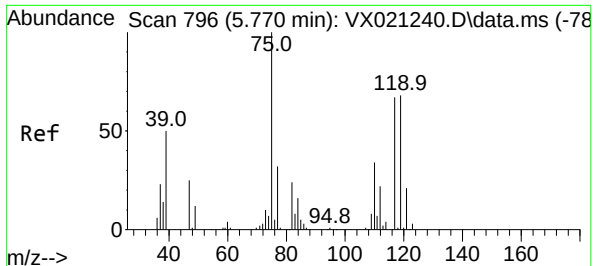


#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30



Tgt Ion:113 Resp: 44054
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 18.4 16.7 25.1

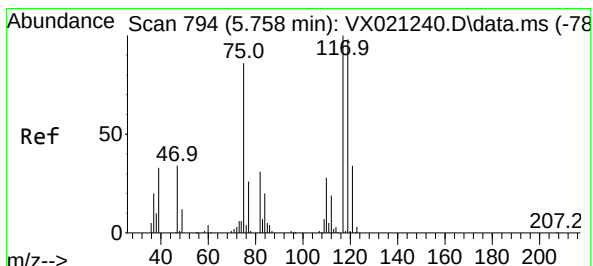
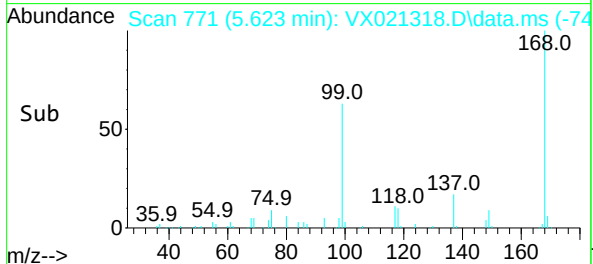
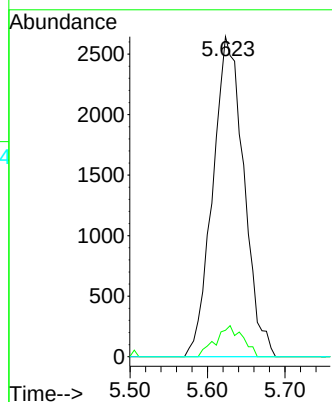
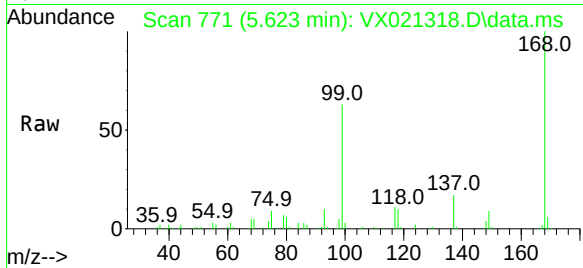




#36
1,1-Dichloropropene
Concen: 5.65 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

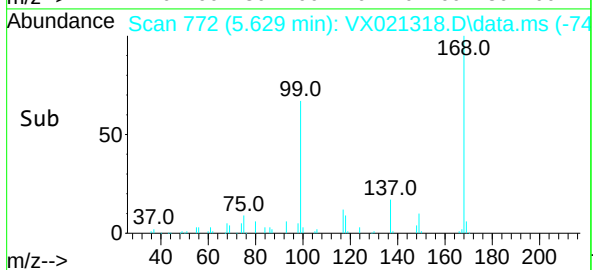
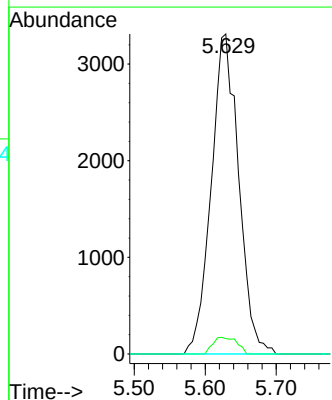
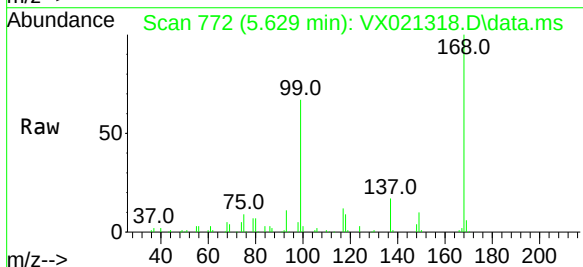
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

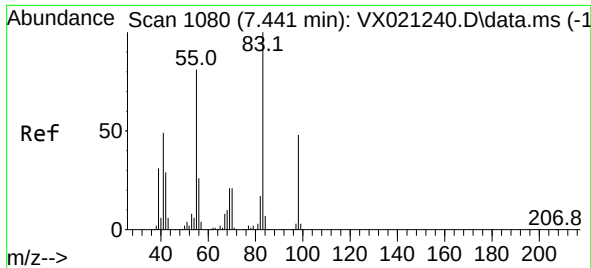
Tgt Ion: 75 Resp: 7371
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.56 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

Tgt Ion: 117 Resp: 8886
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.29 ug/l

RT: 7.194 min Scan# 1038

Delta R.T. -0.247 min

Lab File: VX021318.D

Acq: 19 Mar 2021 21:30

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20210317

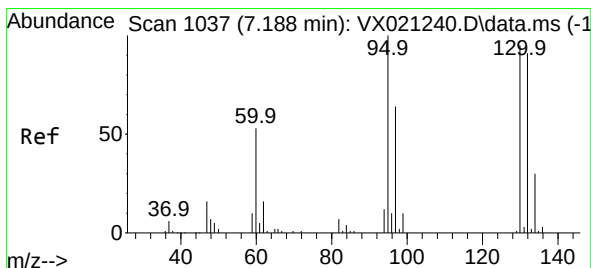
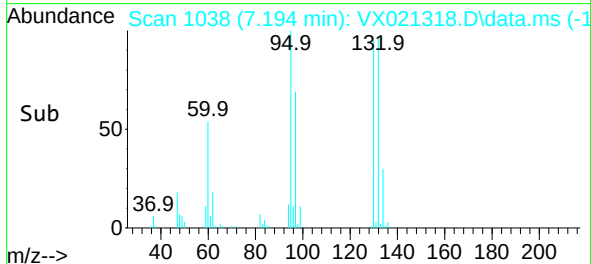
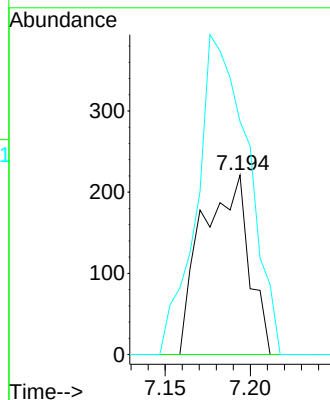
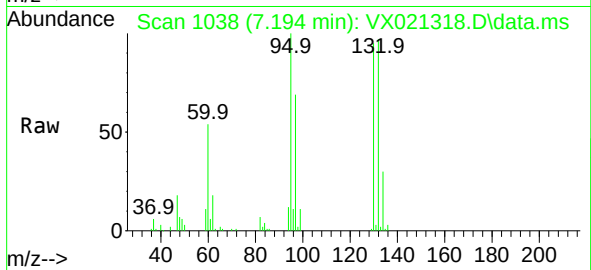
Tgt Ion: 83 Resp: 419

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 129.9 38.1 57.1#



#44

Trichloroethene

Concen: 29.74 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VX021318.D

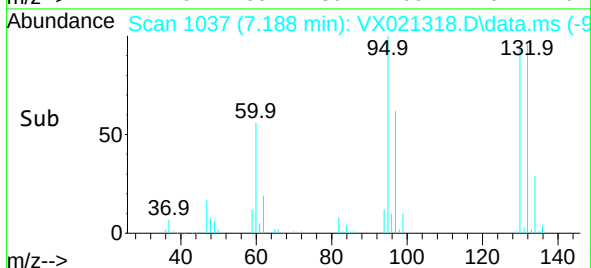
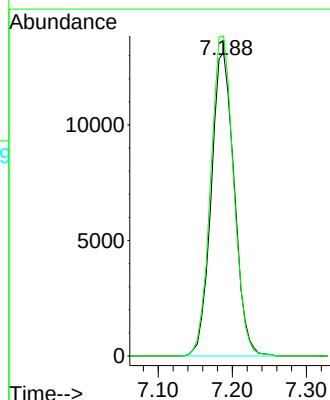
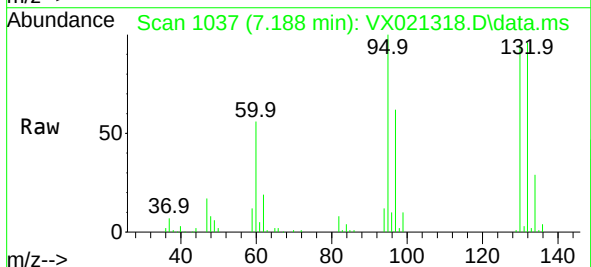
Acq: 19 Mar 2021 21:30

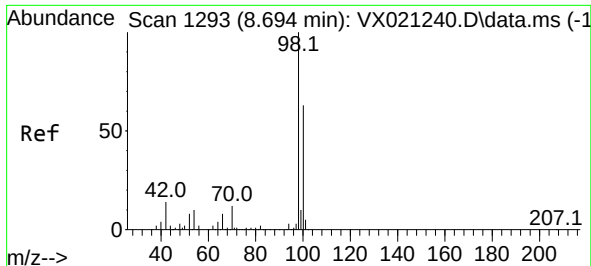
Tgt Ion:130 Resp: 28396

Ion Ratio Lower Upper

130 100

95 105.4 0.0 198.0

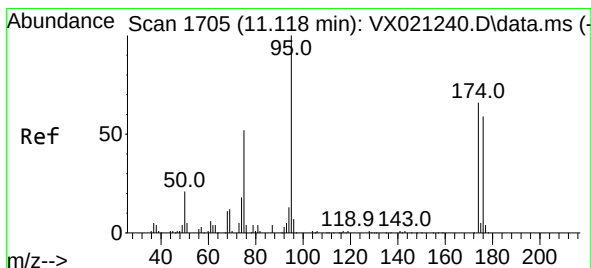
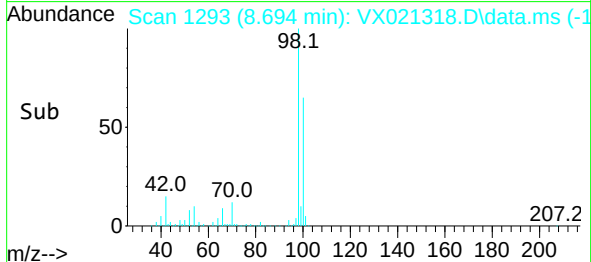
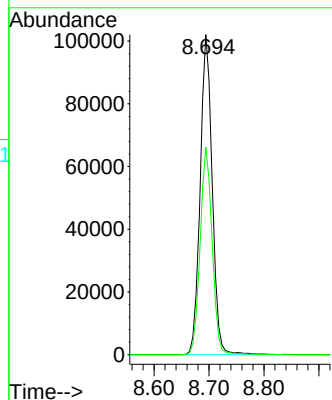
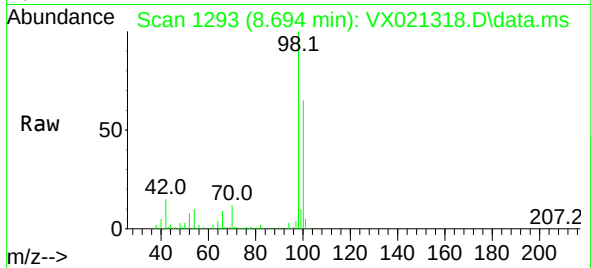




#50
Toluene-d8
Concen: 48.68 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

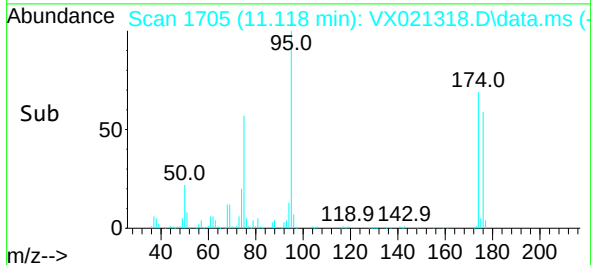
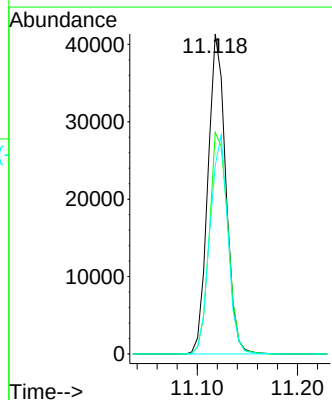
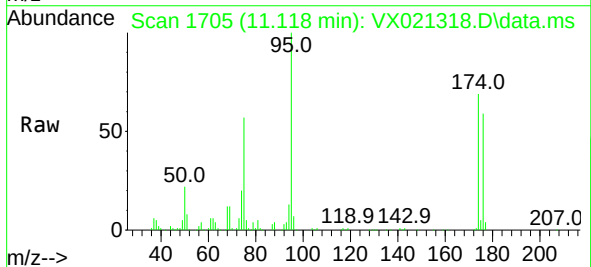
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

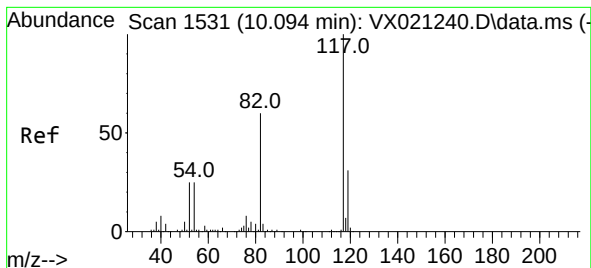
Tgt Ion: 98 Resp: 155564
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.38 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

Tgt Ion: 95 Resp: 51358
Ion Ratio Lower Upper
95 100
174 72.1 0.0 154.6
176 68.6 0.0 155.8

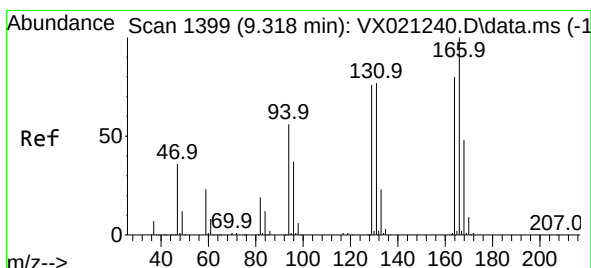
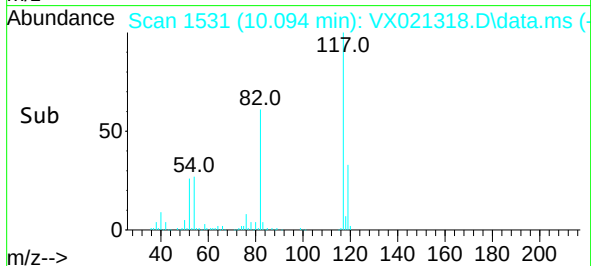
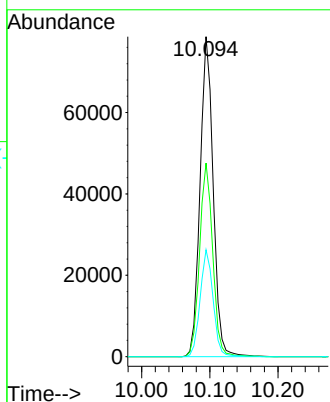
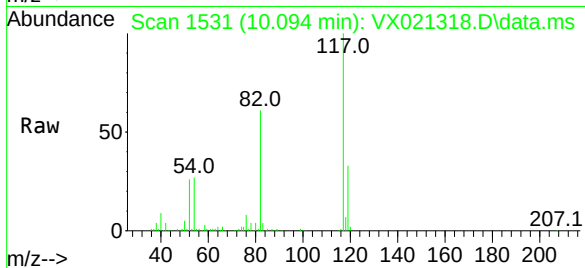




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

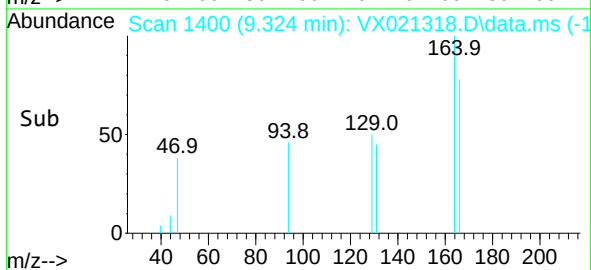
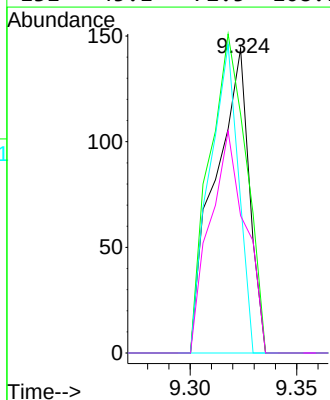
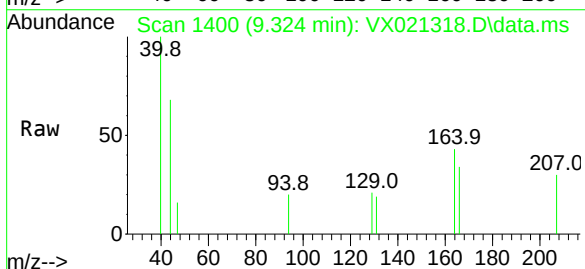
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

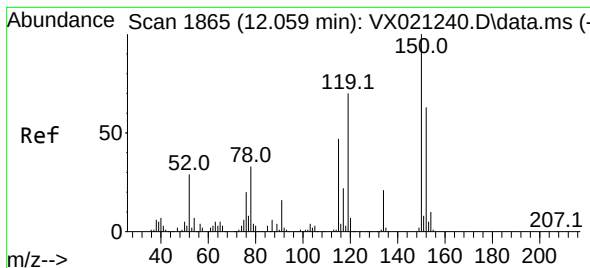
Tgt Ion:117 Resp: 105096
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 33.4 26.6 39.8



#64
Tetrachloroethene
Concen: 0.20 ug/l
RT: 9.324 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VX021318.D
Acq: 19 Mar 2021 21:30

Tgt Ion:164 Resp: 160
Ion Ratio Lower Upper
164 100
166 78.5 103.4 155.2#
129 50.0 70.8 106.2#
131 45.1 72.5 108.7#

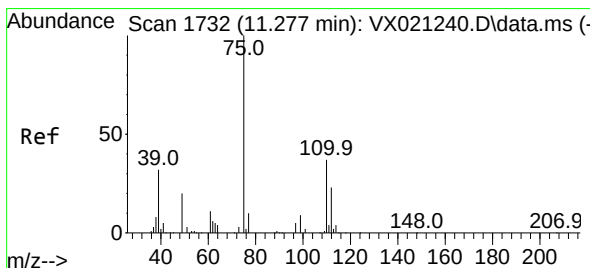
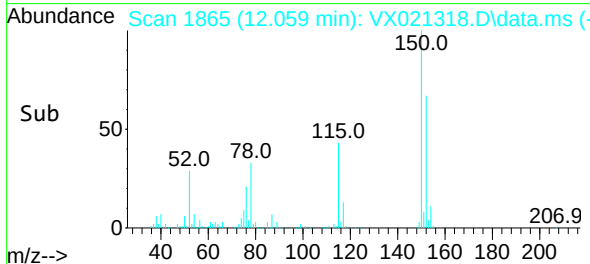
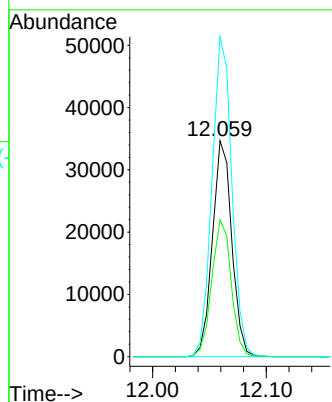
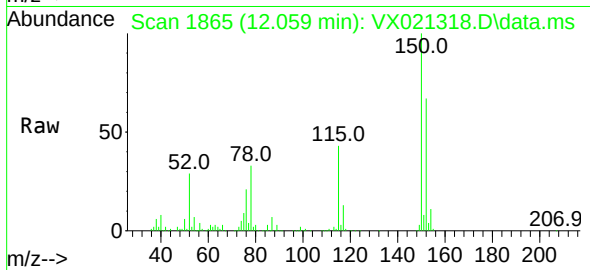




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021318.D
 Acq: 19 Mar 2021 21:30

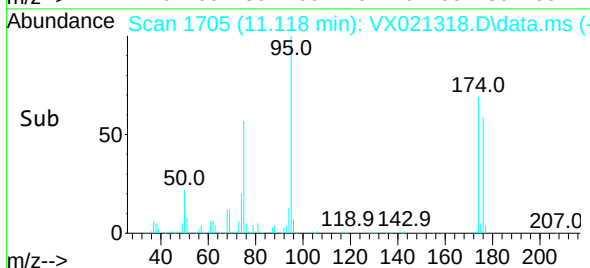
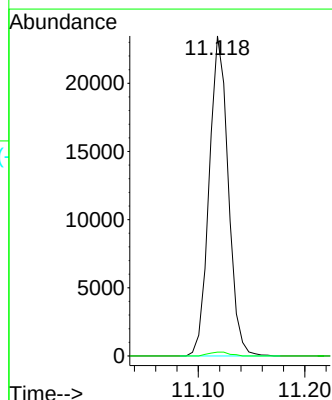
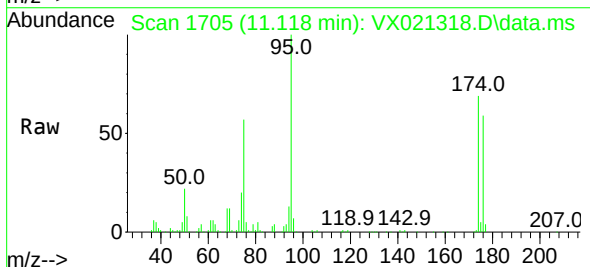
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210317

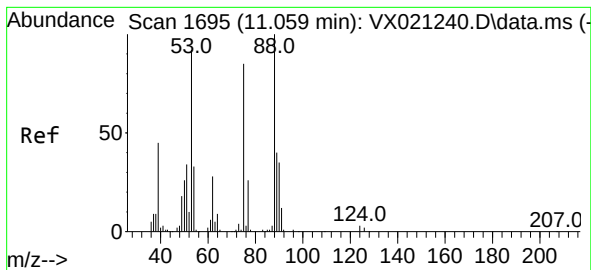
Tgt Ion:152 Resp: 41109
 Ion Ratio Lower Upper
 152 100
 115 63.5 41.1 123.3
 150 151.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.58 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021318.D
 Acq: 19 Mar 2021 21:30

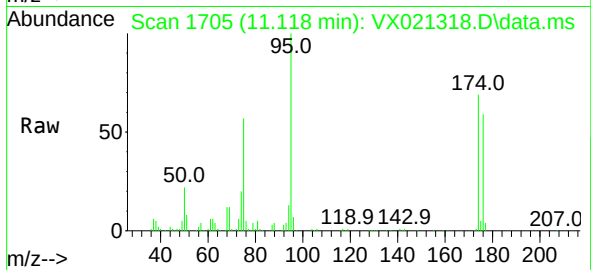
Tgt Ion: 75 Resp: 29164
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.03 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021318.D
 Acq: 19 Mar 2021 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210317



Tgt Ion: 75 Resp: 29164
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

