

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021362.D
 Acq On : 22 Mar 2021 16:42
 Operator : JC/MD
 Sample : M1736-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210317

Quant Time: Mar 23 02:02:17 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)

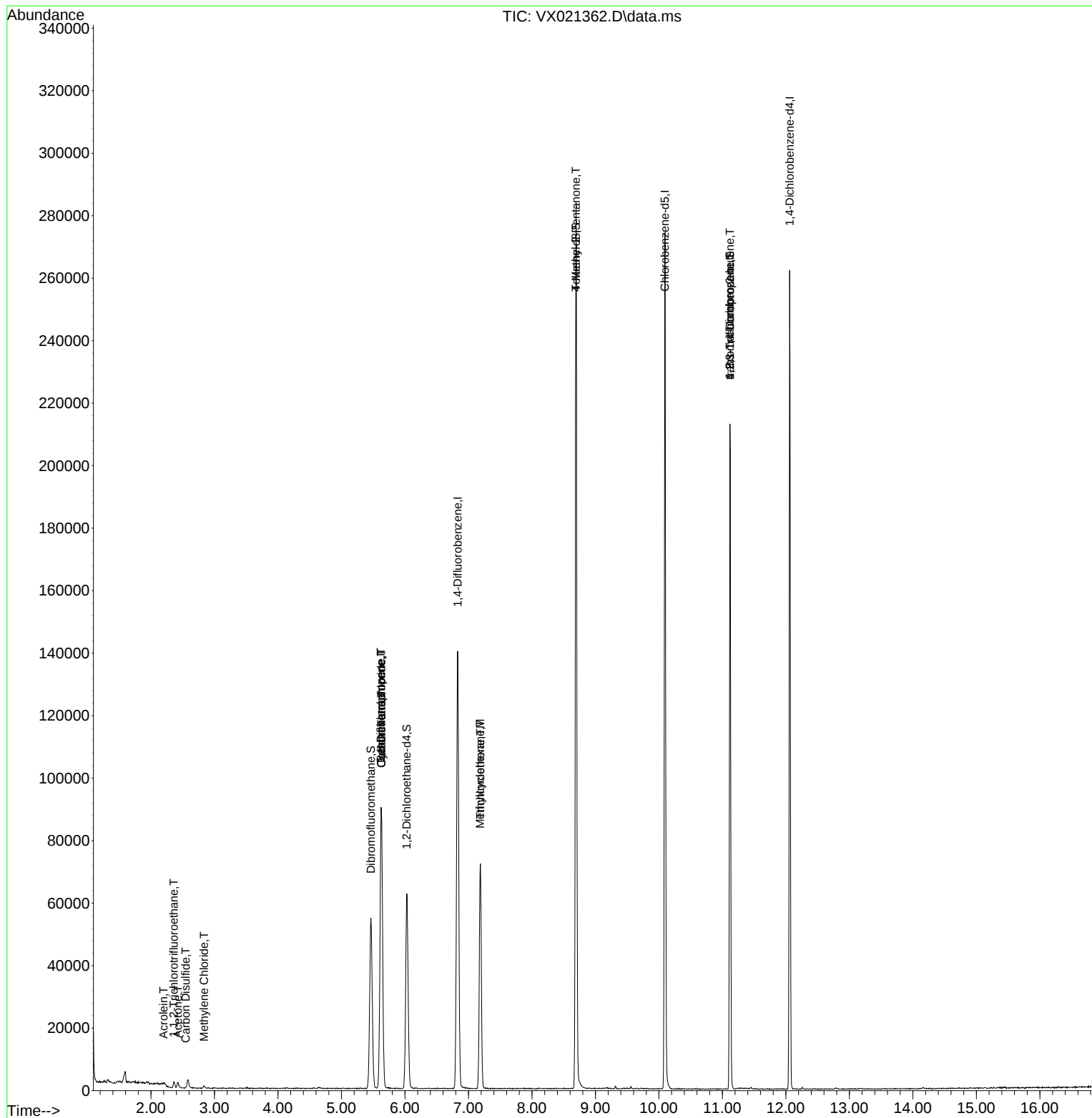
Internal Standards						
1) Pentafluorobenzene	5.623	168	78609	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	129960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61956	48.05	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.10%
35) Dibromofluoromethane	5.464	113	43925	49.67	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.34%
50) Toluene-d8	8.694	98	159315	49.65	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.30%
62) 4-Bromofluorobenzene	11.118	95	56326	45.20	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.40%
Target Compounds						Qvalue
3) Chloromethane	1.316	50	902	Below Cal		94
9) 1,1,2-Trichlorotrifluo...	2.358	101	623	0.76 ug/l #		87
13) Acrolein	2.199	56	39	3.42 ug/l #		33
16) Acetone	2.422	43	1954	4.12 ug/l		97
17) Carbon Disulfide	2.546	76	25	0.55 ug/l #		75
20) Methylene Chloride	2.834	84	318	0.33 ug/l #		89
31) Cyclohexane	5.629	56	2261	1.45 ug/l #		37
36) 1,1-Dichloropropene	5.623	75	7140	5.45 ug/l #		51
38) Carbon Tetrachloride	5.629	117	8859	6.51 ug/l #		16
39) Methylcyclohexane	7.182	83	364	0.25 ug/l #		1
44) Trichloroethene	7.188	130	25823	26.94 ug/l		90
51) 4-Methyl-2-Pentanone	8.694	43	1007	0.70 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	31598	28.82 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	31598	78.26 ug/l #		12

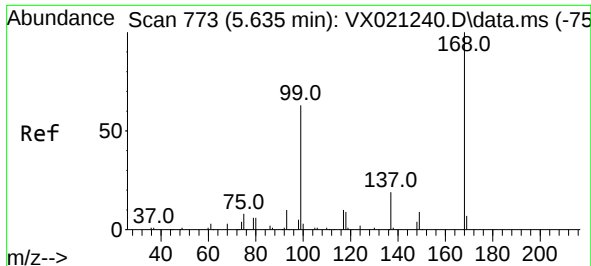
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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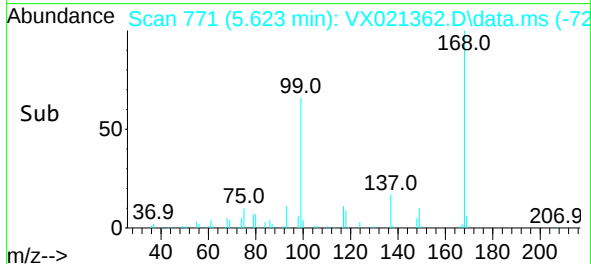
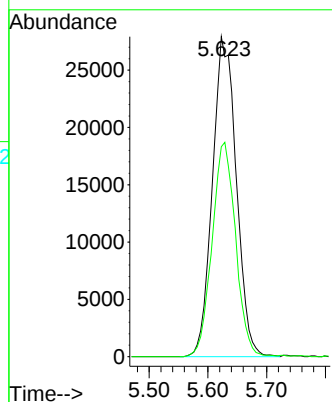
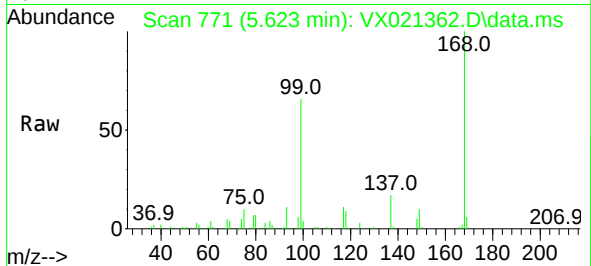




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

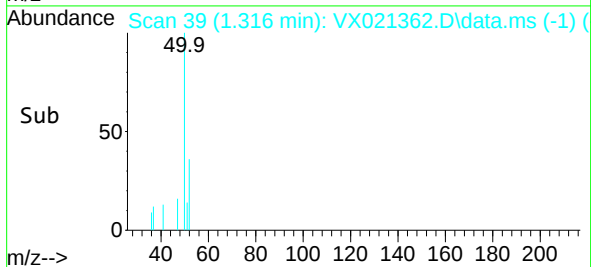
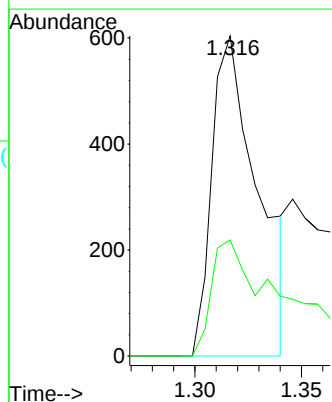
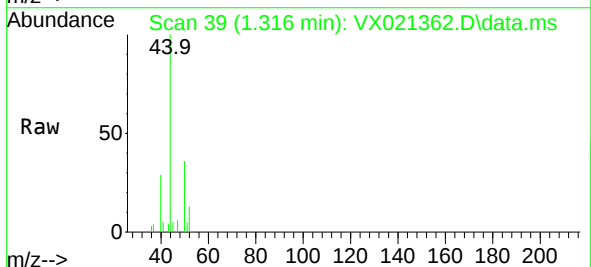
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

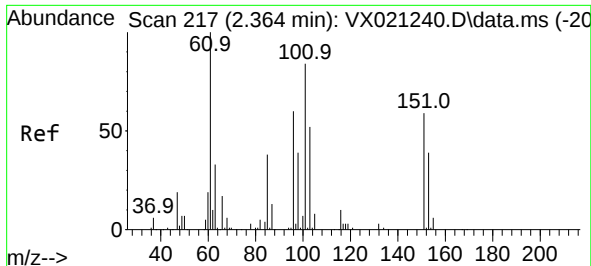
Tgt Ion:168 Resp: 78609
Ion Ratio Lower Upper
168 100
99 65.6 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Tgt Ion: 50 Resp: 902
Ion Ratio Lower Upper
50 100
52 36.3 26.4 39.6

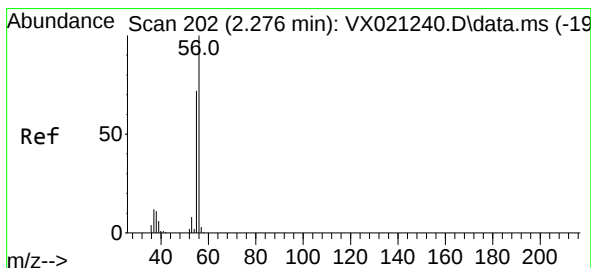
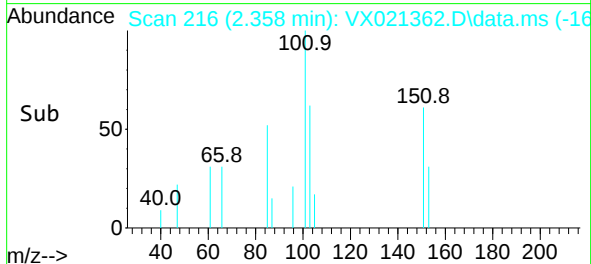
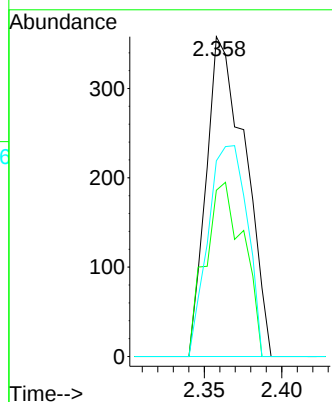
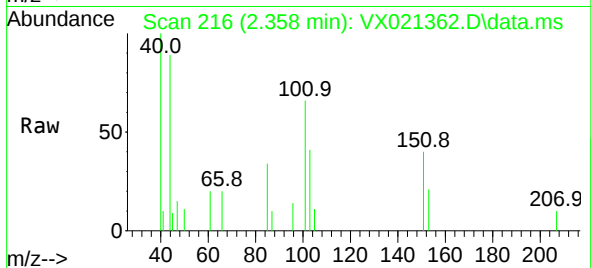




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.76 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

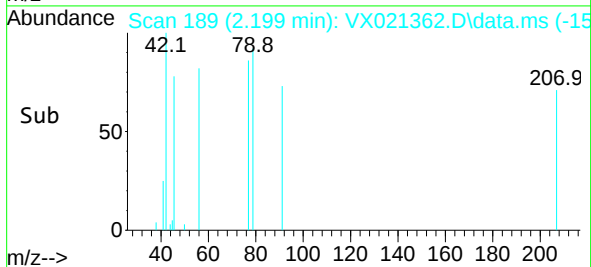
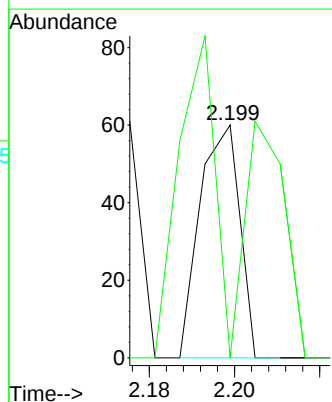
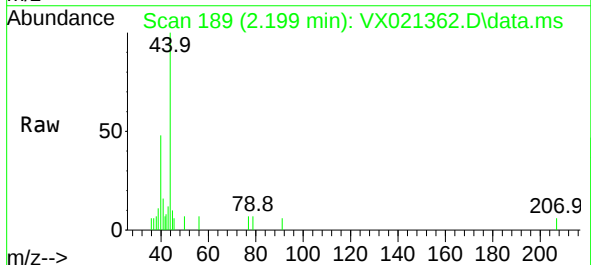
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

Tgt Ion:101 Resp: 623
Ion Ratio Lower Upper
101 100
85 53.5 34.9 52.3#
151 66.5 61.4 92.2



#13
Acrolein
Concen: 3.42 ug/l
RT: 2.199 min Scan# 189
Delta R.T. -0.077 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 125.6 56.4 84.6#

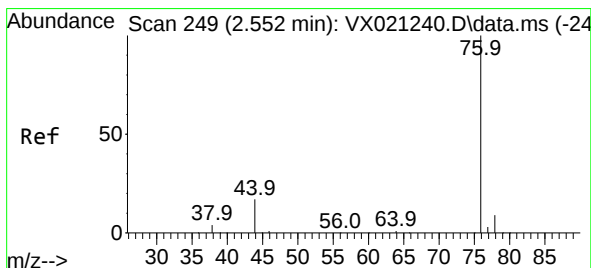
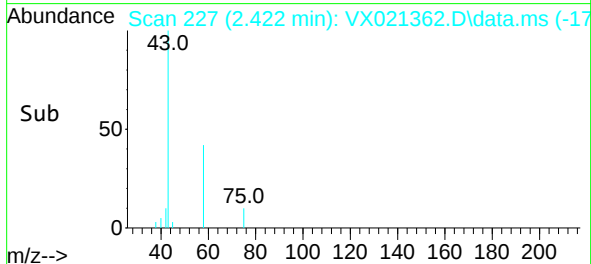
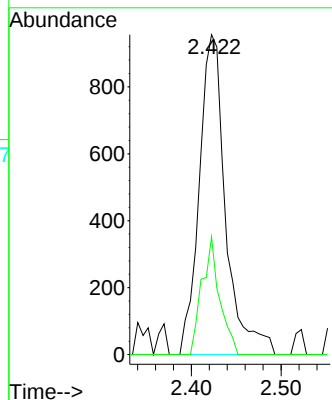
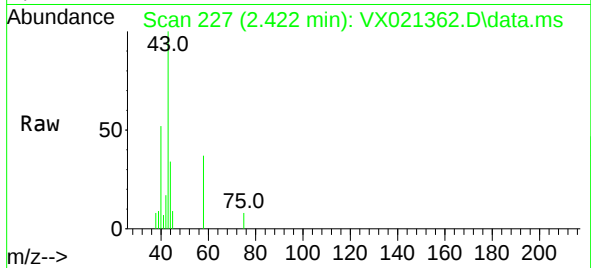




#16
Acetone
Concen: 4.12 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

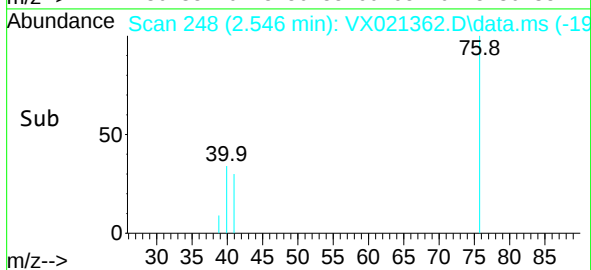
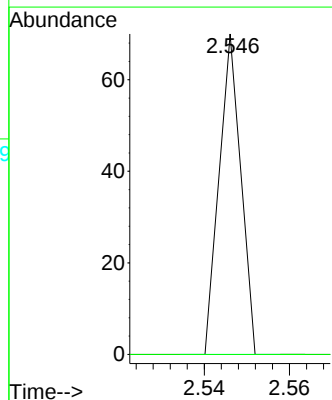
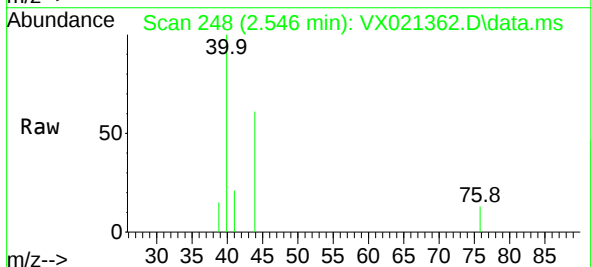
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

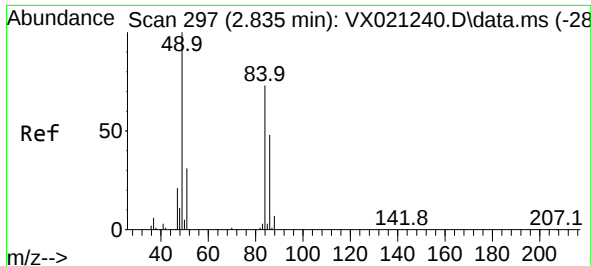
Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
58 36.8 27.8 41.8



#17
Carbon Disulfide
Concen: 0.55 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

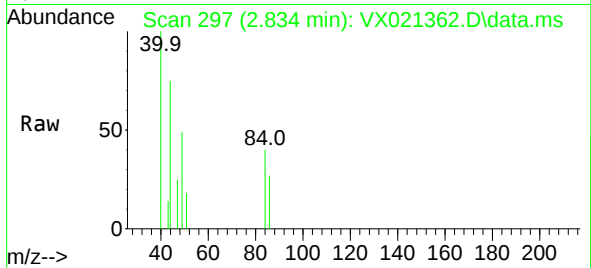
Tgt Ion: 76 Resp: 25
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



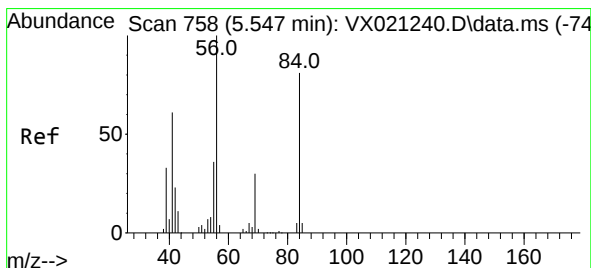
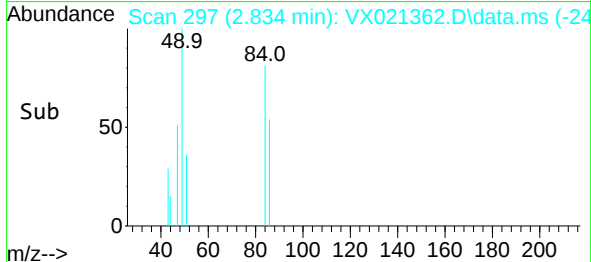
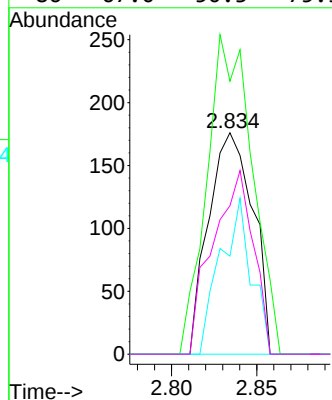


#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

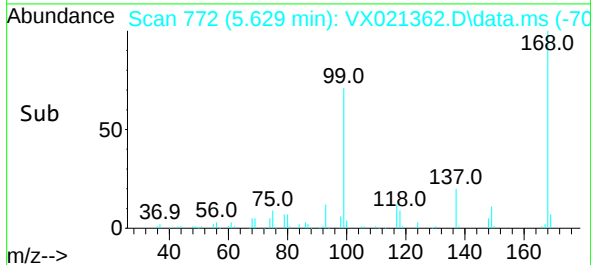
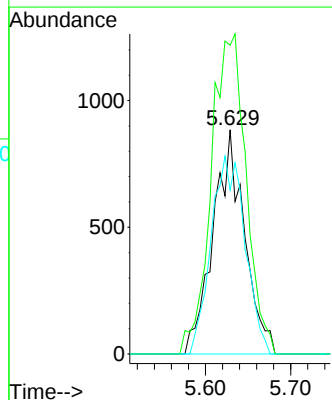
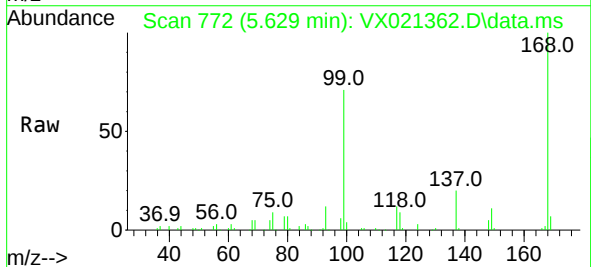


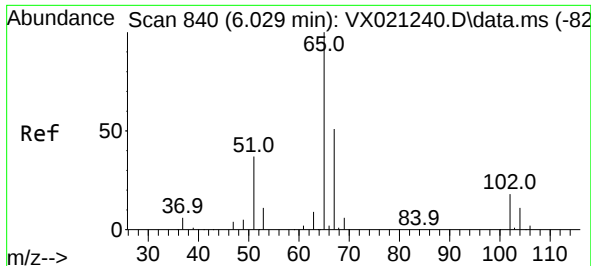
Tgt Ion: 84	Resp: 318
Ion Ratio	Lower Upper
84 100	
49 123.3	88.6 132.8
51 44.3	27.0 40.6#
86 67.0	50.3 75.5



#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Tgt Ion: 56	Resp: 2261
Ion Ratio	Lower Upper
56 100	
69 137.6	25.3 37.9#
84 73.1	71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 48.05 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021362.D

Acq: 22 Mar 2021 16:42

Tgt Ion: 65 Resp: 61956

Ion Ratio Lower Upper

65 100

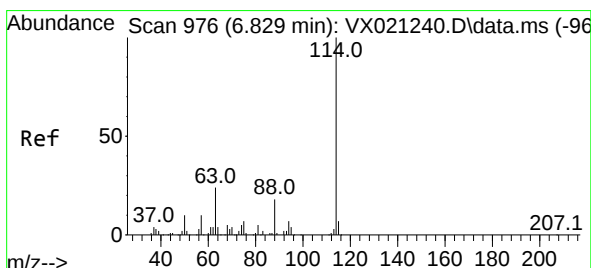
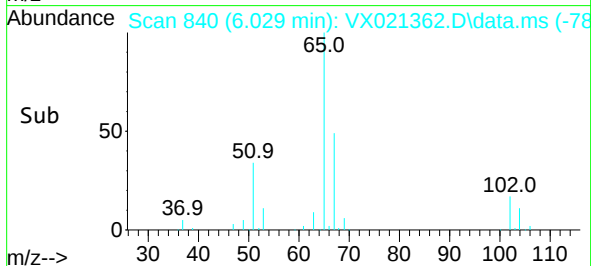
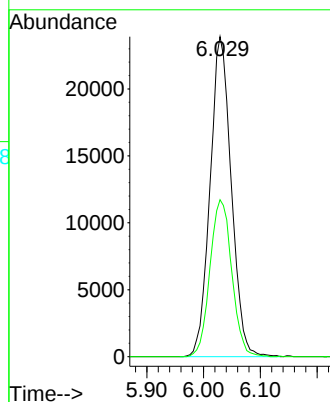
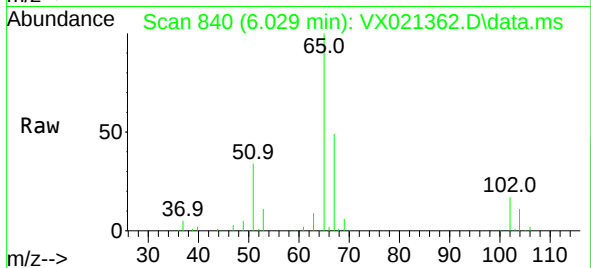
67 50.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20210317



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021362.D

Acq: 22 Mar 2021 16:42

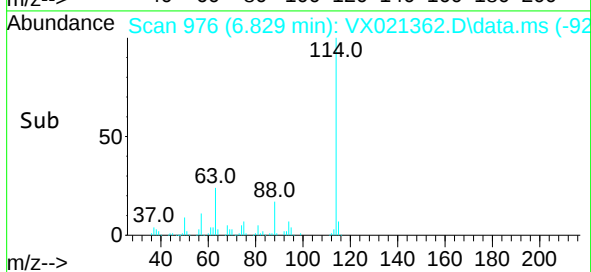
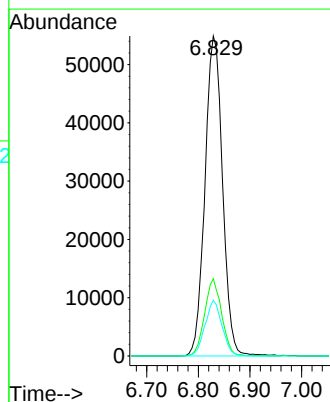
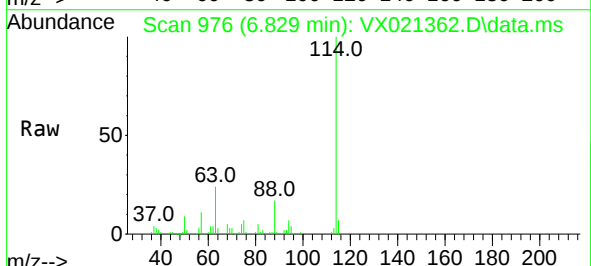
Tgt Ion: 114 Resp: 129960

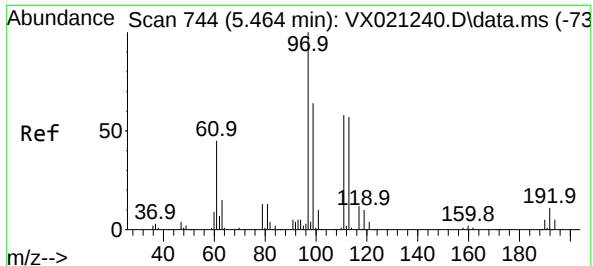
Ion Ratio Lower Upper

114 100

63 24.1 0.0 40.8

88 17.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.67 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021362.D

Acq: 22 Mar 2021 16:42

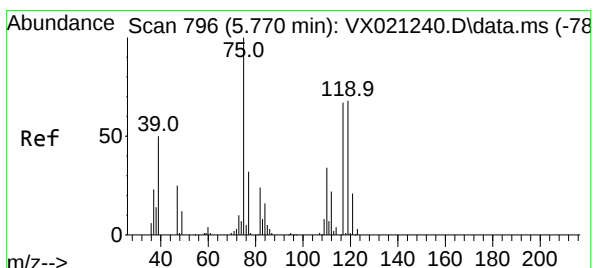
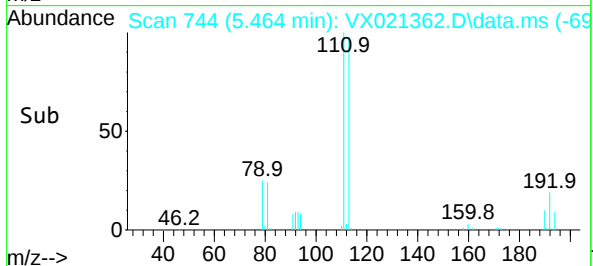
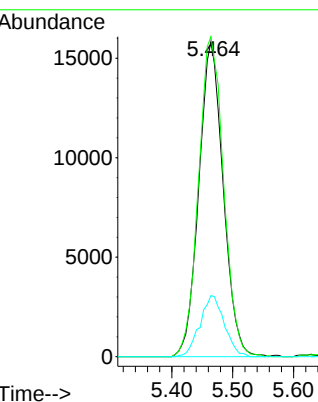
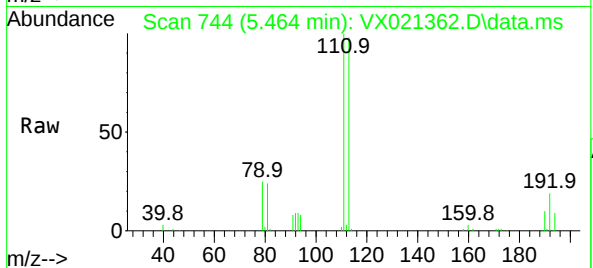
Tgt Ion:113 Resp: 43925

Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.45 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.147 min

Lab File: VX021362.D

Acq: 22 Mar 2021 16:42

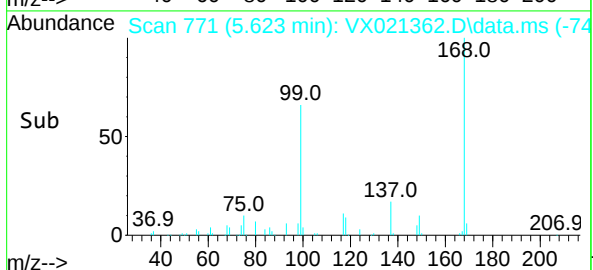
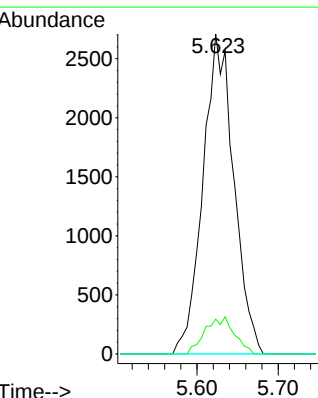
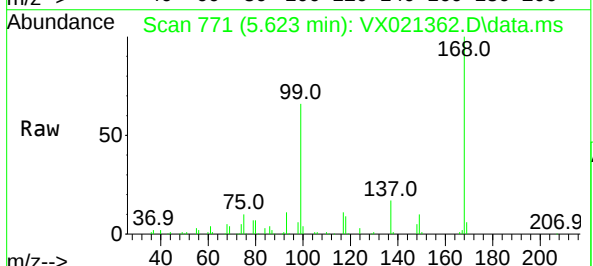
Tgt Ion: 75 Resp: 7140

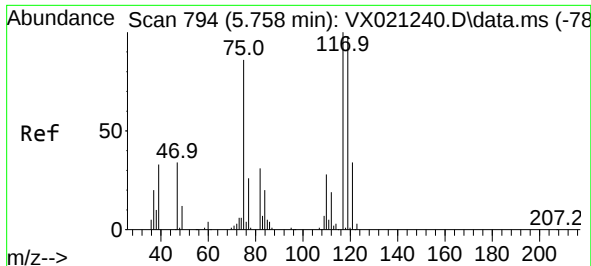
Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.4#

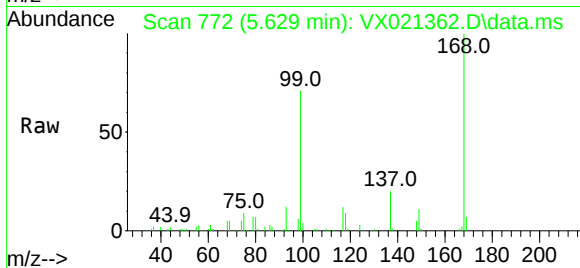
77 0.0 25.3 37.9#



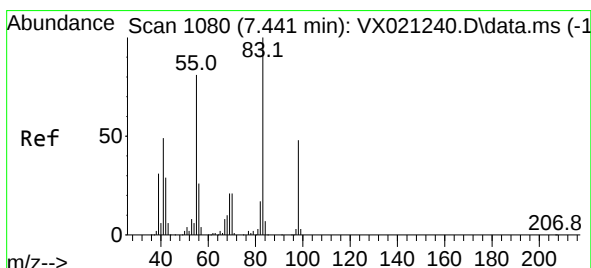
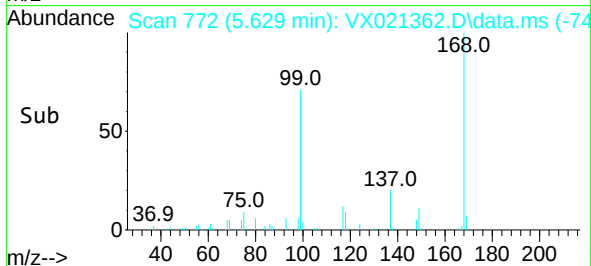
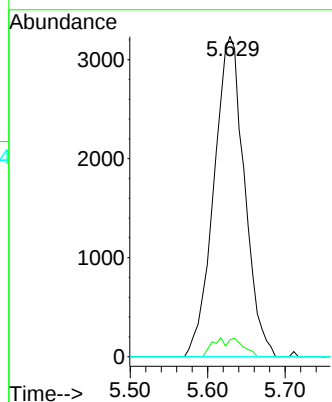


#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :
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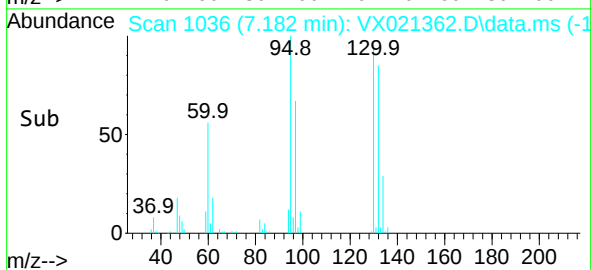
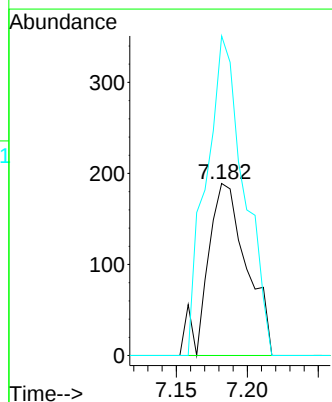
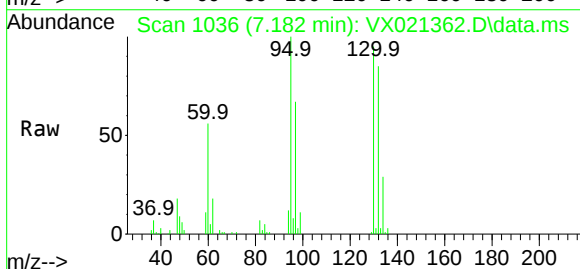


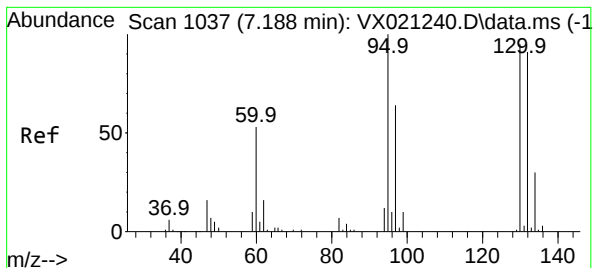
Tgt Ion:117 Resp: 8859
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.25 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.259 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Tgt Ion: 83 Resp: 364
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 185.7 38.1 57.1#





#44

Trichloroethene

Concen: 26.94 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

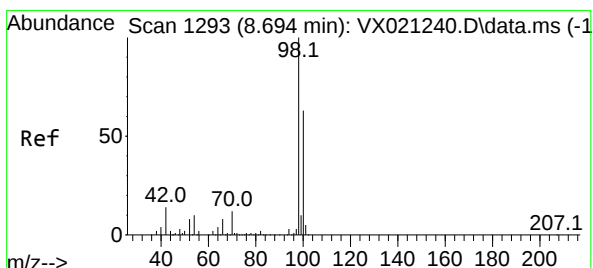
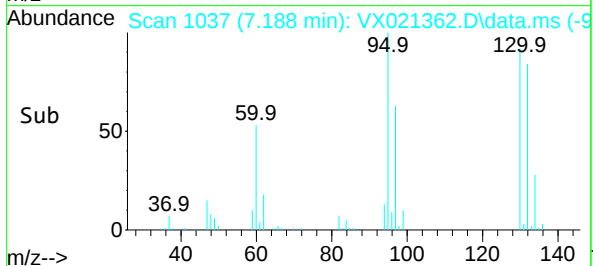
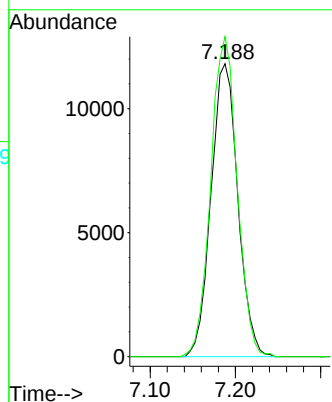
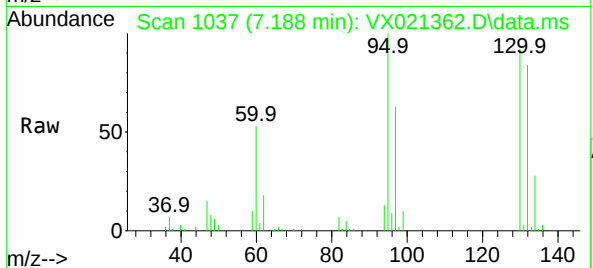
Lab File: VX021362.D

Acq: 22 Mar 2021 16:42

Tgt Ion:130 Resp: 25823

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	109.2	0.0	198.0



#50

Toluene-d8

Concen: 49.65 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

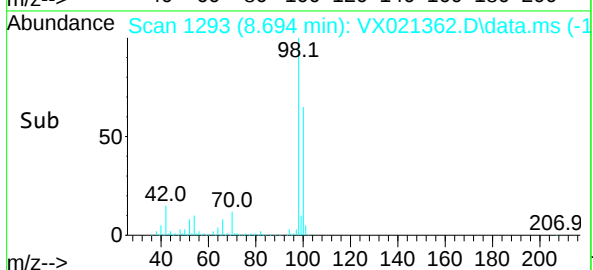
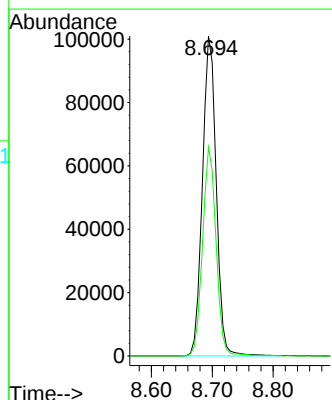
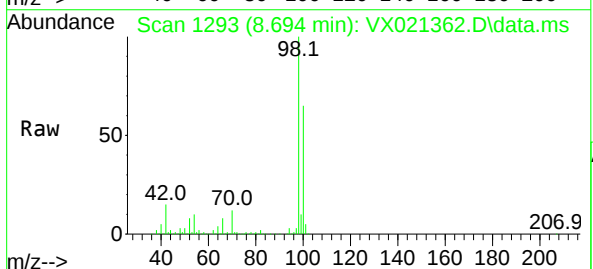
Lab File: VX021362.D

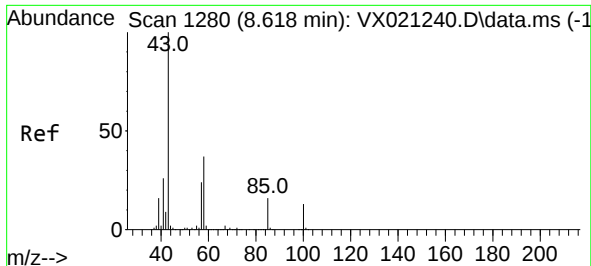
Acq: 22 Mar 2021 16:42

Tgt Ion: 98 Resp: 159315

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9

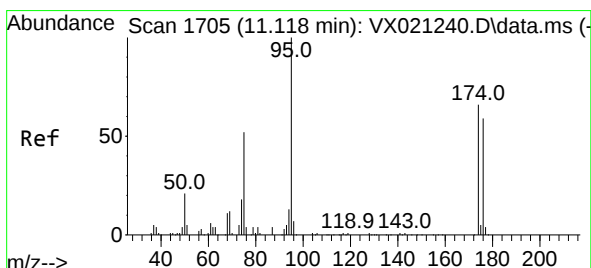
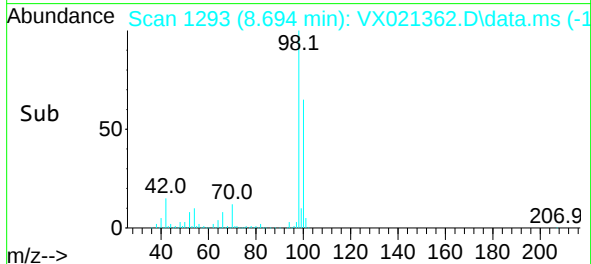
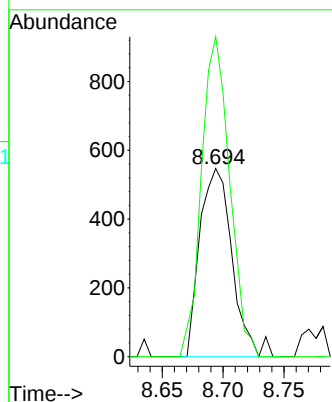
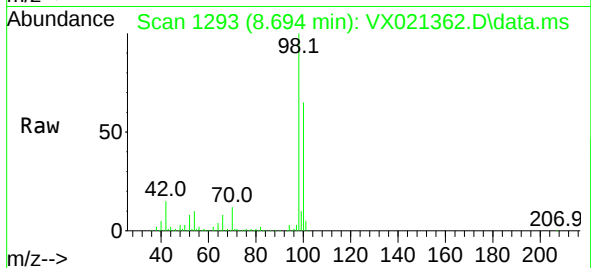




#51
4-Methyl-2-Pentanone
Concen: 0.70 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

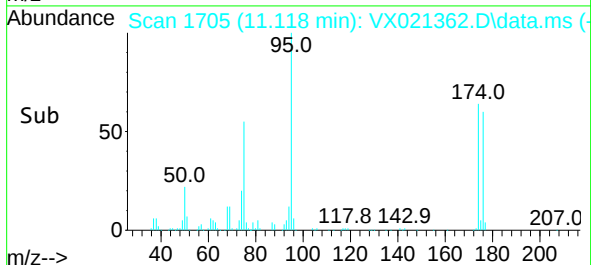
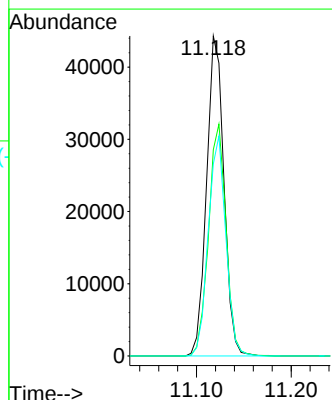
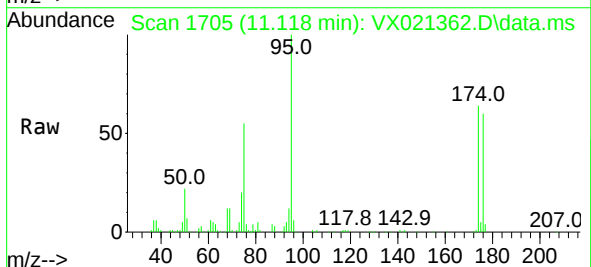
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

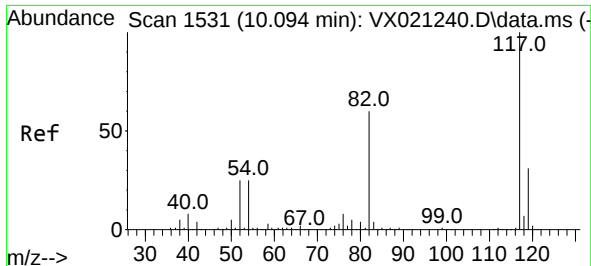
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 149.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.20 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Tgt Ion: 95 Resp: 56326
Ion Ratio Lower Upper
95 100
174 73.3 0.0 154.6
176 69.6 0.0 155.8

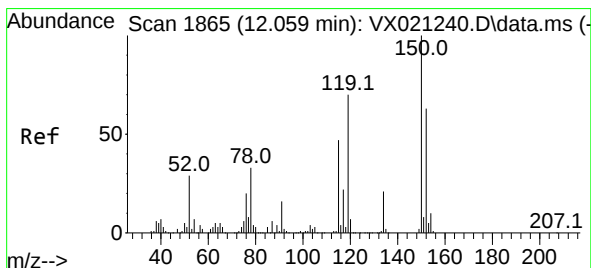
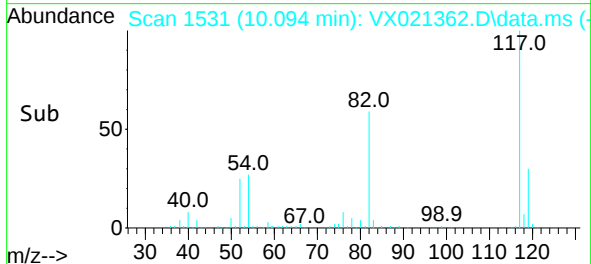
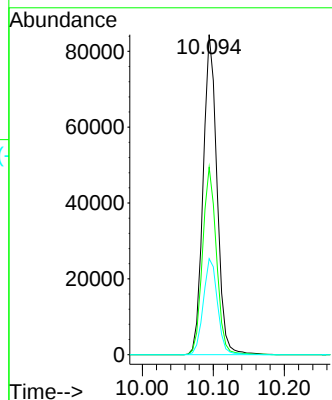
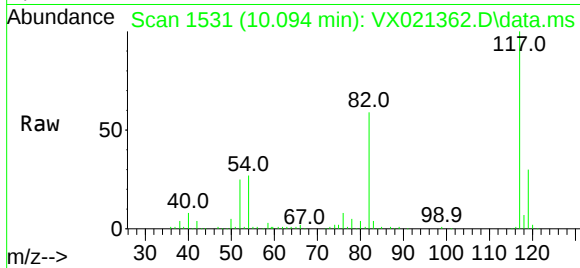




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

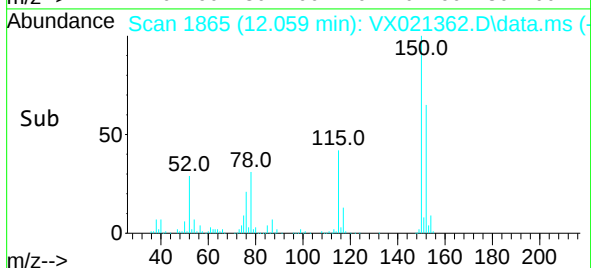
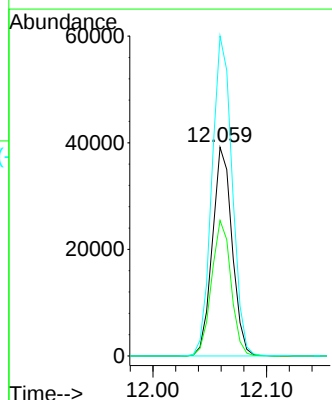
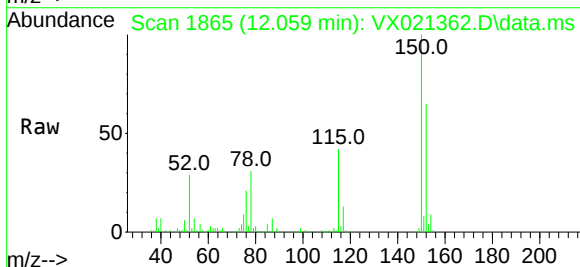
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

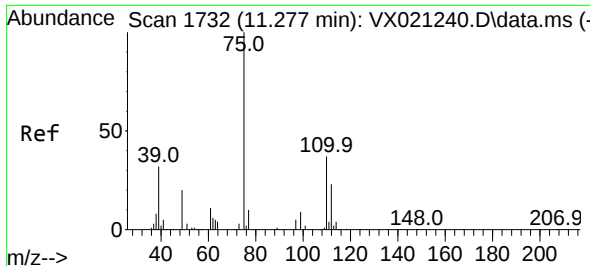
Tgt Ion:117 Resp: 114926
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 30.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Tgt Ion:152 Resp: 47257
Ion Ratio Lower Upper
152 100
115 63.8 41.1 123.3
150 157.5 0.0 349.0

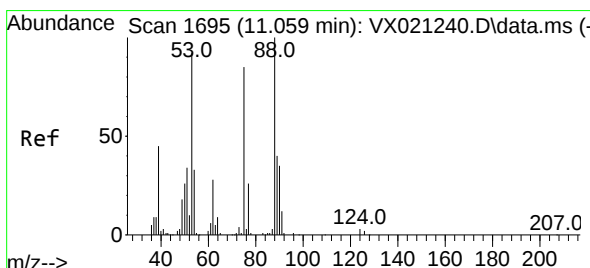
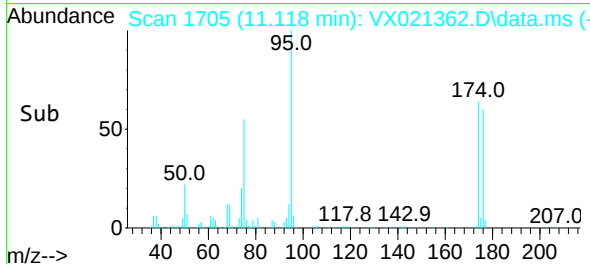
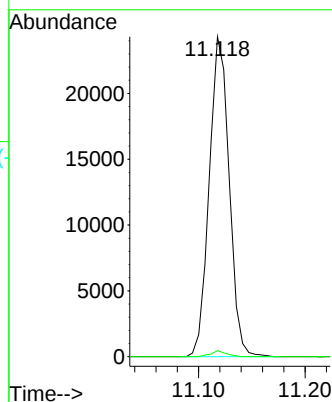
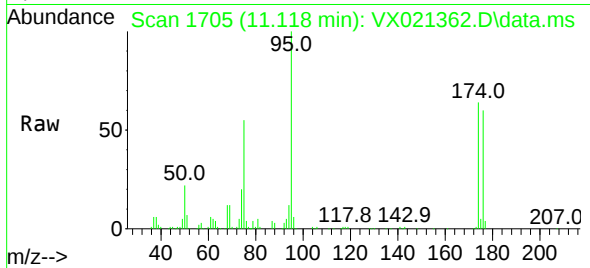




#76
1,2,3-Trichloropropane
Concen: 28.82 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210317

Tgt Ion: 75 Resp: 31598
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.26 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021362.D
Acq: 22 Mar 2021 16:42

Tgt Ion: 75 Resp: 31598
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

