

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021113.D
 Acq On : 09 Mar 2021 16:52
 Operator : JC/MD
 Sample : M1596-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210305

Quant Time: Mar 10 00:32:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

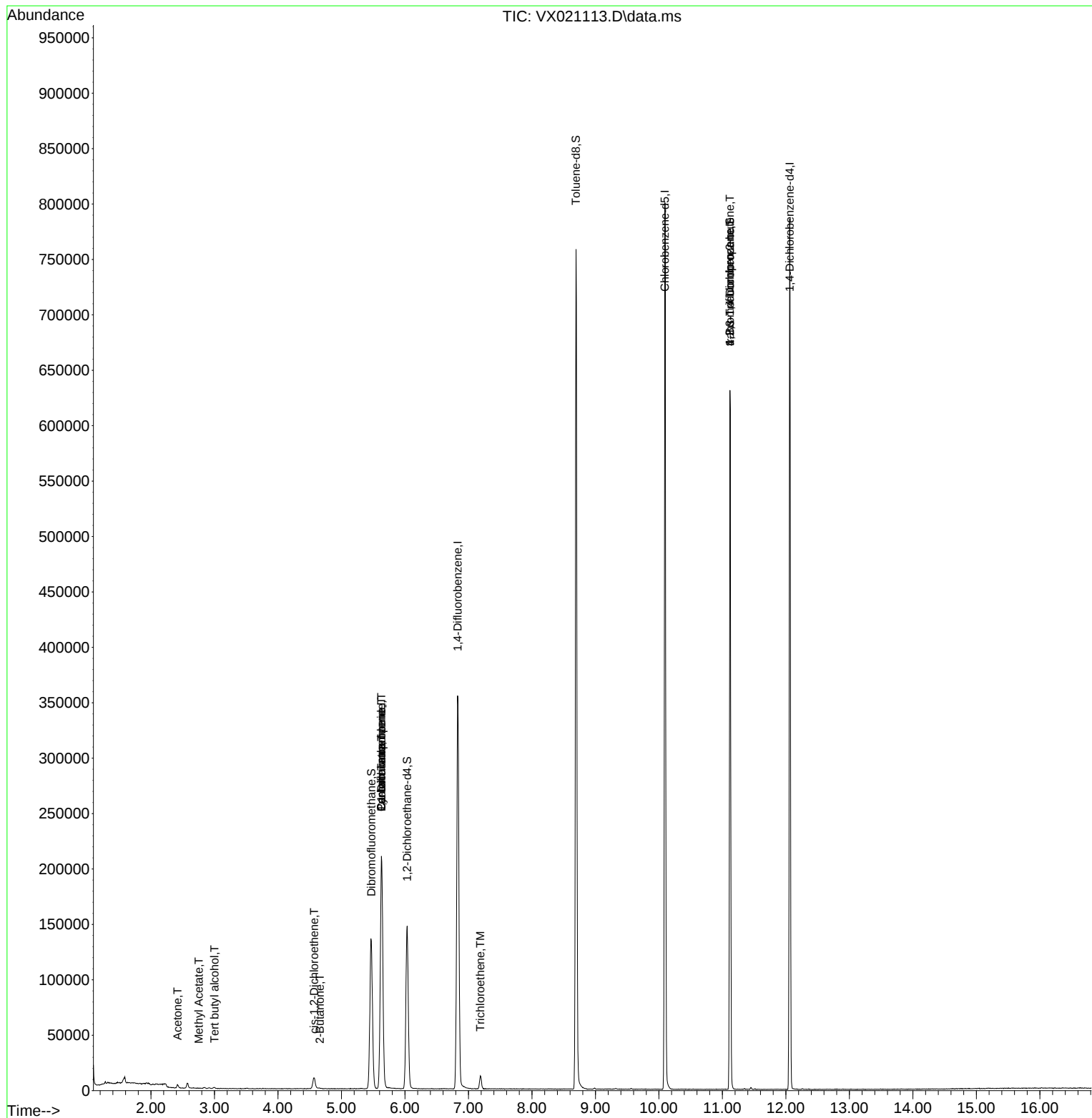
Internal Standards						
1) Pentafluorobenzene	5.629	168	205176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	374880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	370992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	167078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	139429	50.31	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 100.62%		
35) Dibromofluoromethane	5.470	113	117849	51.74	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 103.48%		
50) Toluene-d8	8.694	98	473252	53.29	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 106.58%		
62) 4-Bromofluorobenzene	11.118	95	179257	54.59	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 109.18%		
Target Compounds						Qvalue
5) Bromomethane	1.640	94	338	Below Cal	95	
11) Tert butyl alcohol	2.999	59	606	0.98 ug/l	#	73
16) Acetone	2.417	43	2868	2.51 ug/l		96
18) Methyl Acetate	2.752	43	708	0.26 ug/l	#	54
25) 2-Butanone	4.658	43	465	0.27 ug/l	#	45
27) cis-1,2-Dichloroethene	4.570	96	6772	2.28 ug/l		91
31) Cyclohexane	5.629	56	4140	1.03 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	15654	4.39 ug/l	#	48
38) Carbon Tetrachloride	5.629	117	18684	5.41 ug/l	#	17
44) Trichloroethene	7.188	130	4629	1.65 ug/l		93
76) 1,2,3-Trichloropropane	11.118	75	85638	23.83 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	85638	52.75 ug/l	#	12

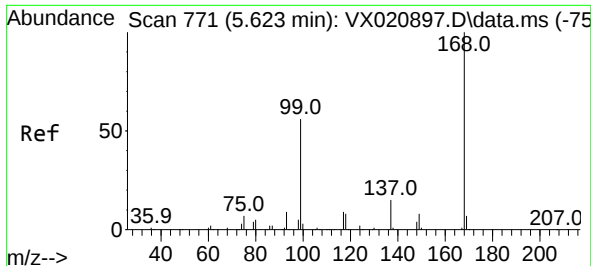
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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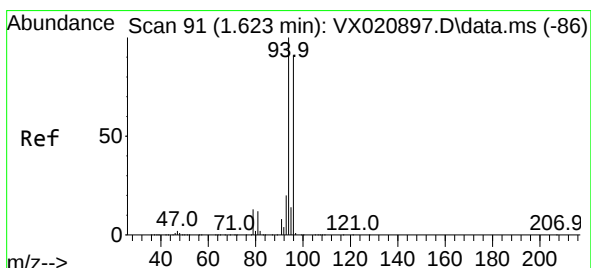
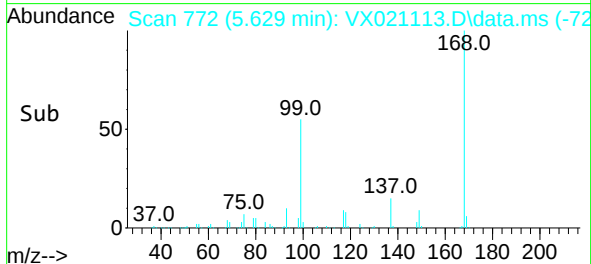
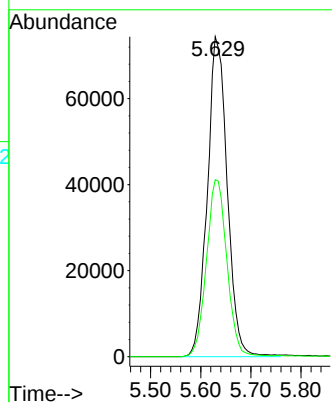
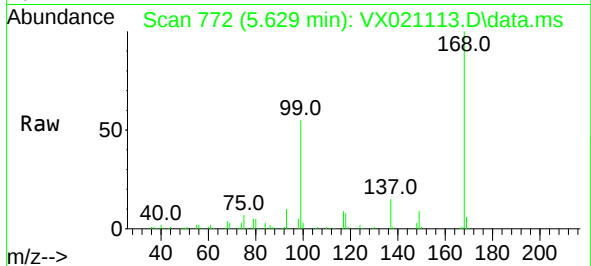




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

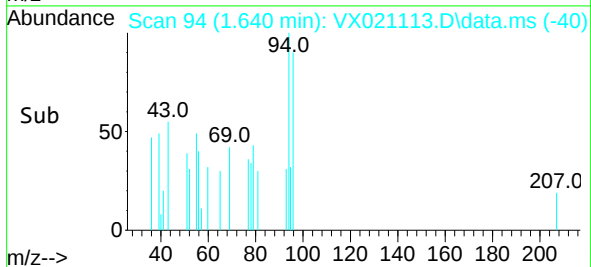
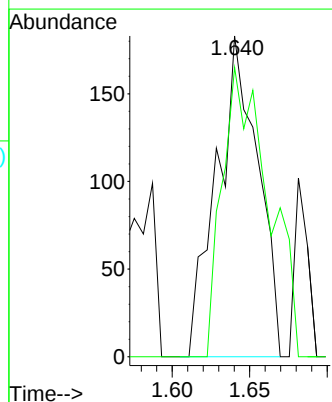
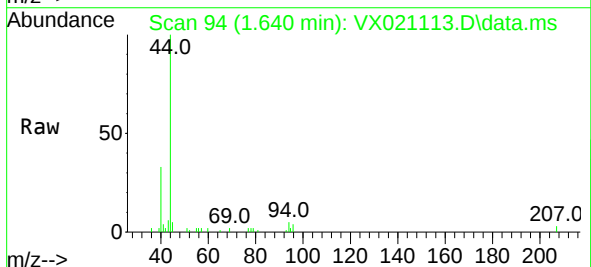
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210305

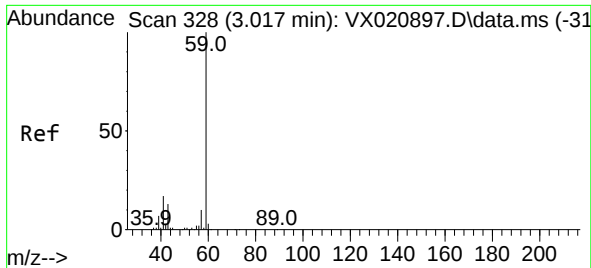
Tgt Ion:168 Resp: 205176
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

Tgt Ion: 94 Resp: 338
Ion Ratio Lower Upper
94 100
96 90.2 76.4 114.6

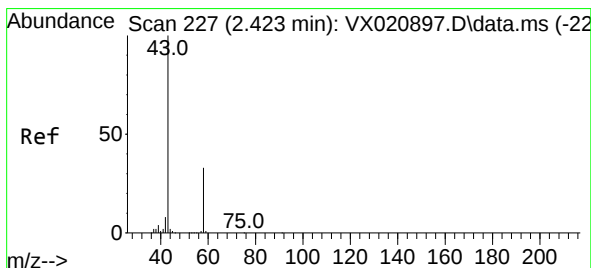
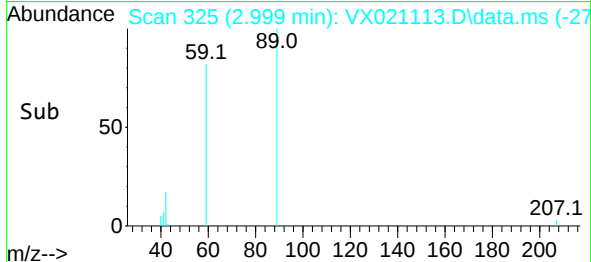
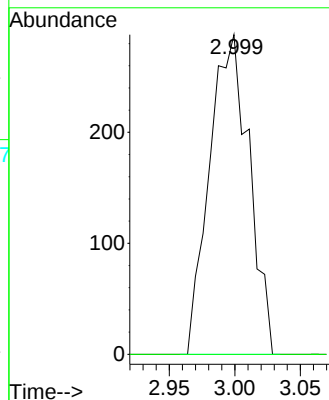
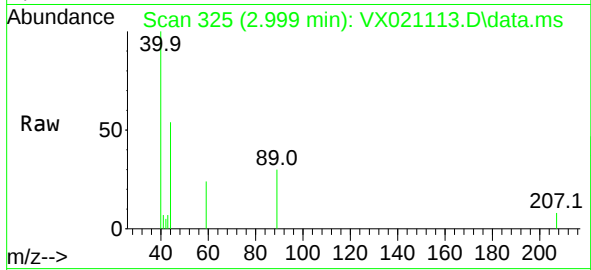




#11
Tert butyl alcohol
Concen: 0.98 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

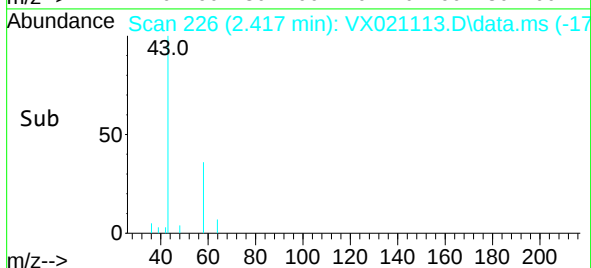
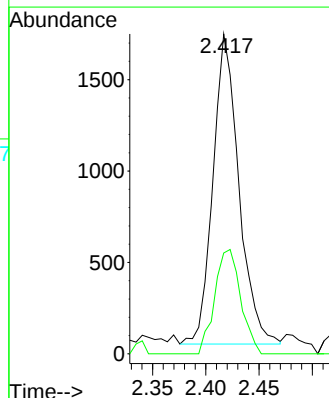
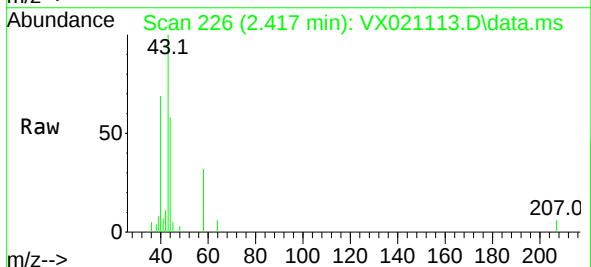
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210305

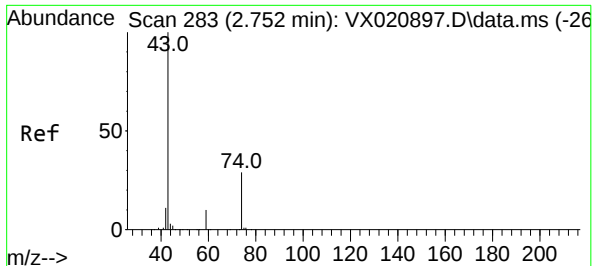
Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.51 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

Tgt Ion: 43 Resp: 2868
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.8





#18

Methyl Acetate

Concen: 0.26 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021113.D

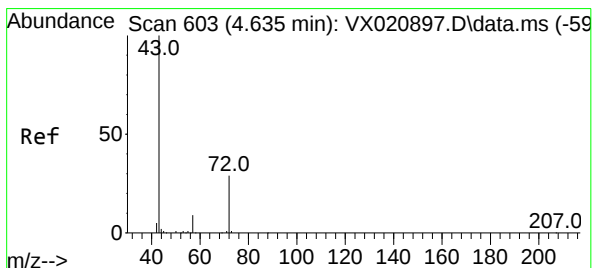
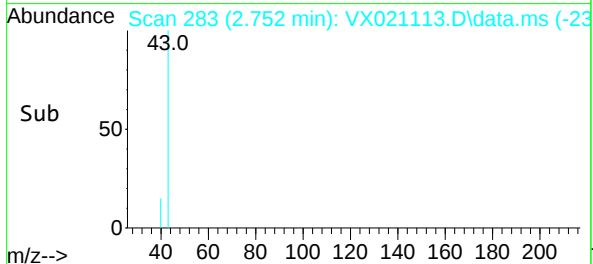
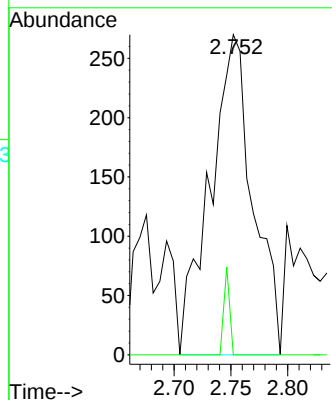
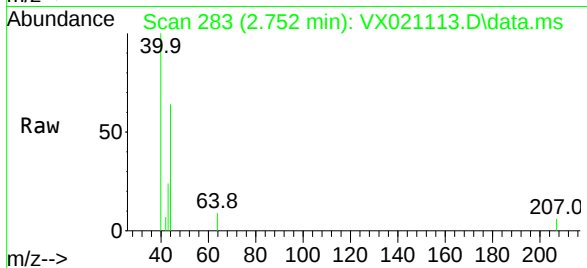
Acq: 09 Mar 2021 16:52

Tgt Ion: 43 Resp: 708

Ion Ratio Lower Upper

43 100

74 3.7 21.9 32.9#



#25

2-Butanone

Concen: 0.27 ug/l

RT: 4.658 min Scan# 607

Delta R.T. 0.024 min

Lab File: VX021113.D

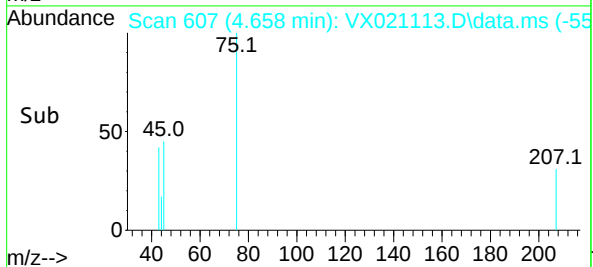
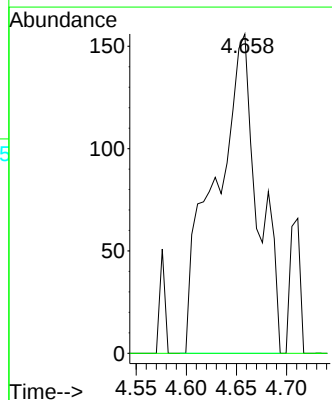
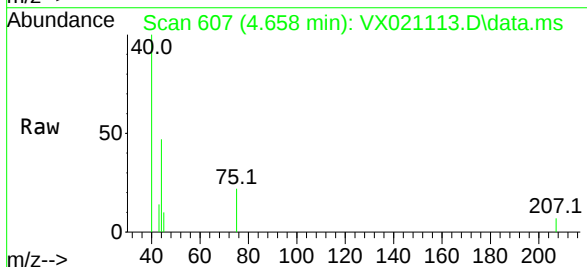
Acq: 09 Mar 2021 16:52

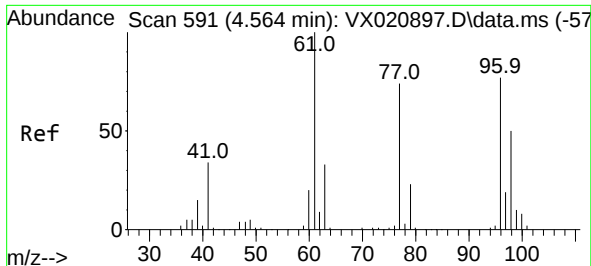
Tgt Ion: 43 Resp: 465

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 2.28 ug/l

RT: 4.570 min Scan# 592

Delta R.T. 0.006 min

Lab File: VX021113.D

Acq: 09 Mar 2021 16:52

Tgt Ion: 96 Resp: 6772

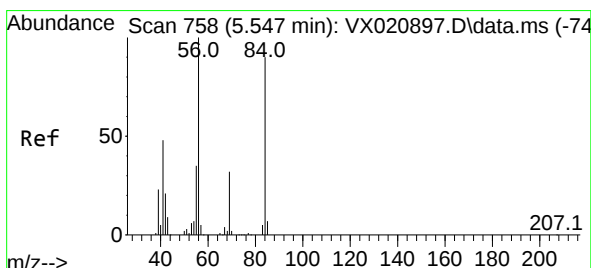
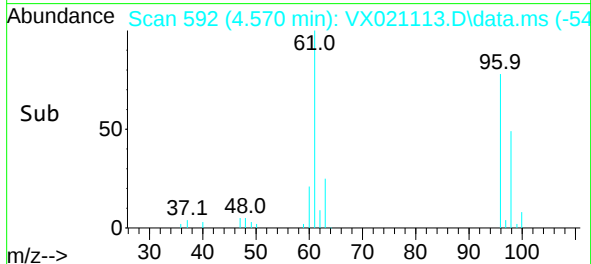
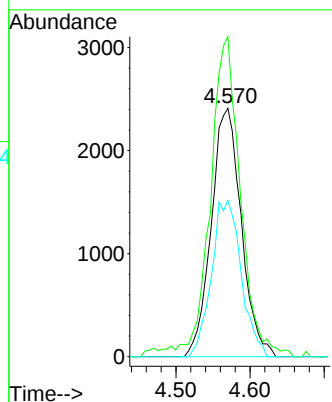
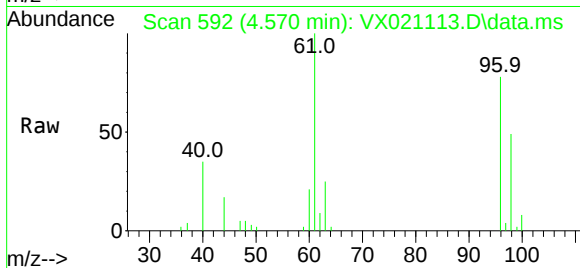
Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	285.6
98	62.1	0.0	129.6

Instrument :

MSVOA_X

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#31

Cyclohexane

Concen: 1.03 ug/l

RT: 5.629 min Scan# 772

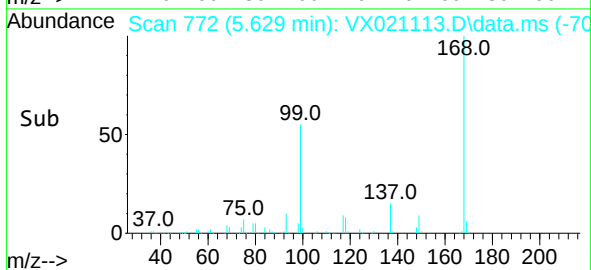
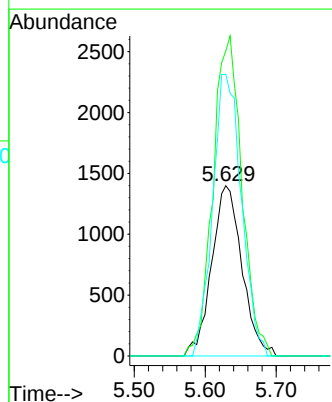
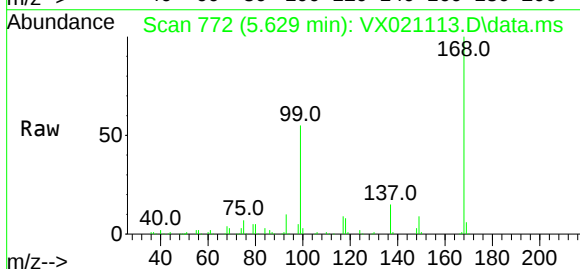
Delta R.T. 0.082 min

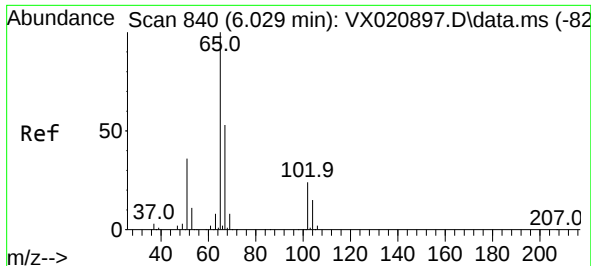
Lab File: VX021113.D

Acq: 09 Mar 2021 16:52

Tgt Ion: 56 Resp: 4140

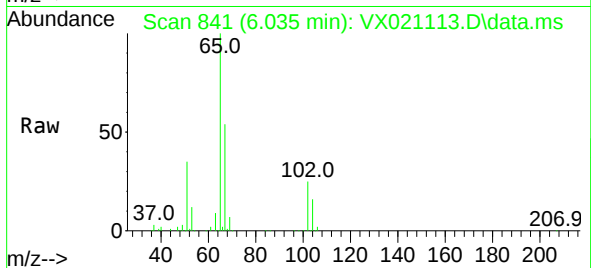
Ion	Ratio	Lower	Upper
56	100		
69	179.3	25.3	37.9#
84	165.5	71.4	107.0#



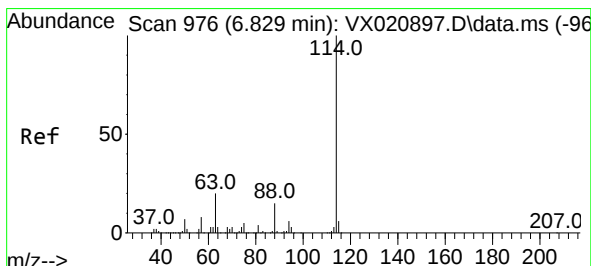
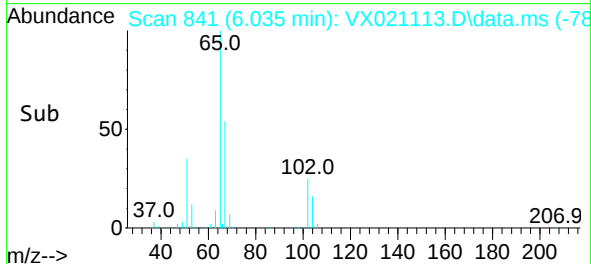
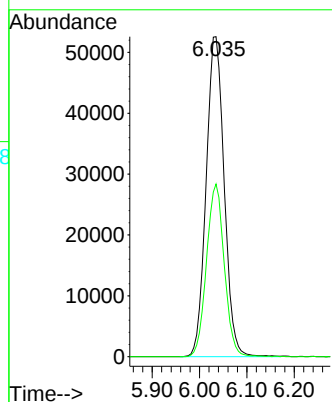


#33
 1,2-Dichloroethane-d4
 Concen: 50.31 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021113.D
 Acq: 09 Mar 2021 16:52

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210305

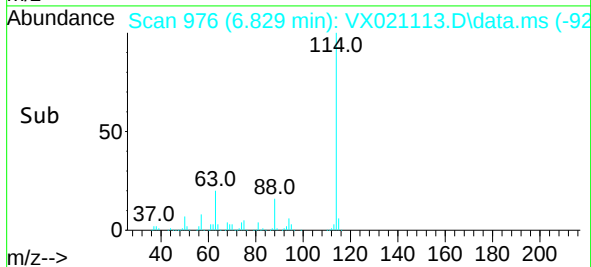
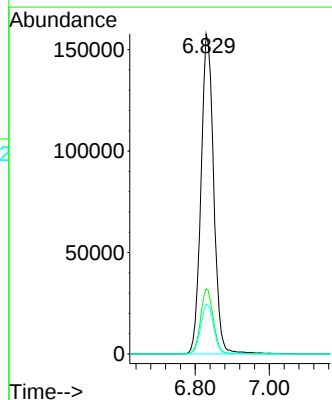
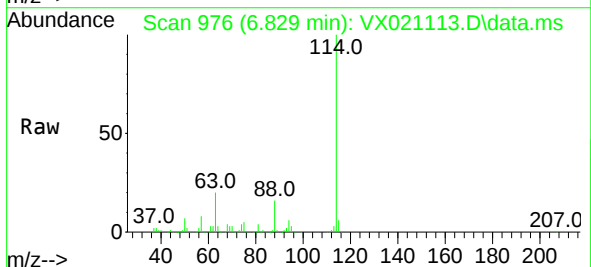


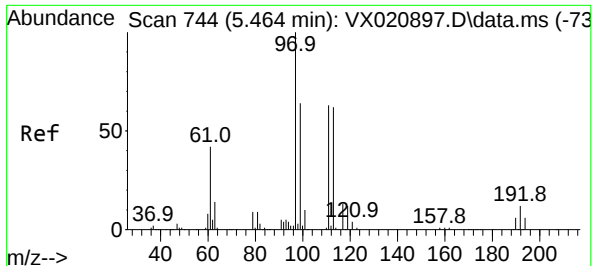
Tgt Ion: 65 Resp: 139429
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021113.D
 Acq: 09 Mar 2021 16:52

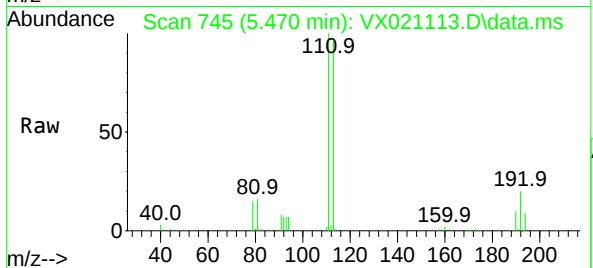
Tgt Ion: 114 Resp: 374880
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.6 0.0 32.8



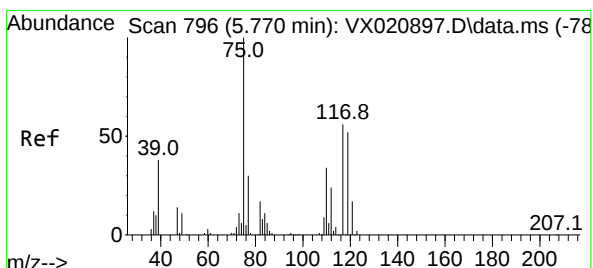
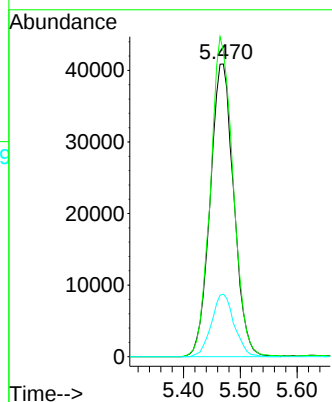
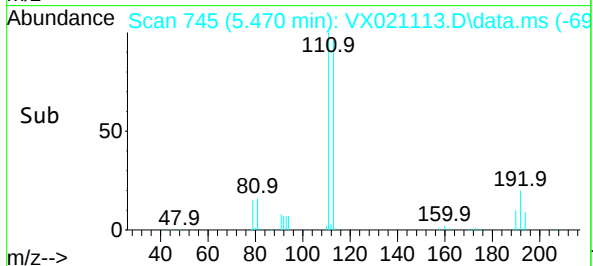


#35
Dibromofluoromethane
Concen: 51.74 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

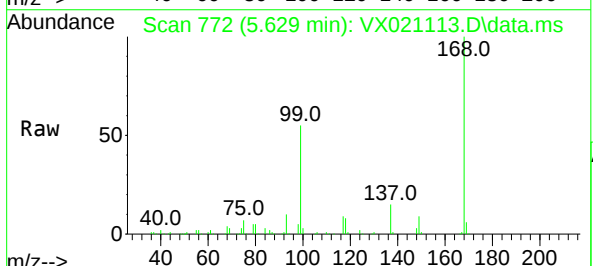
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210305



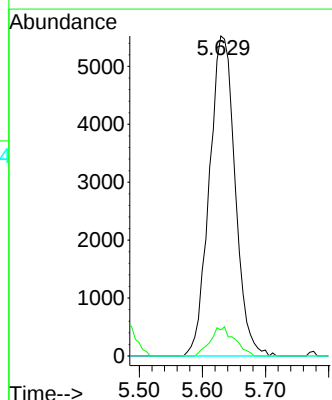
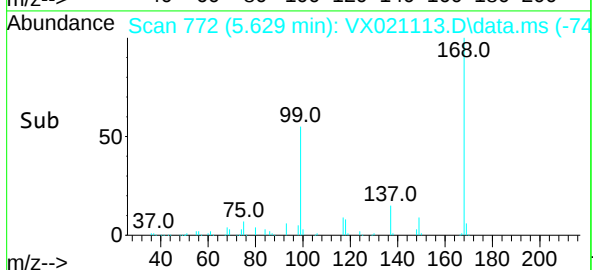
Tgt Ion:113 Resp: 117849
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 20.6 16.7 25.1

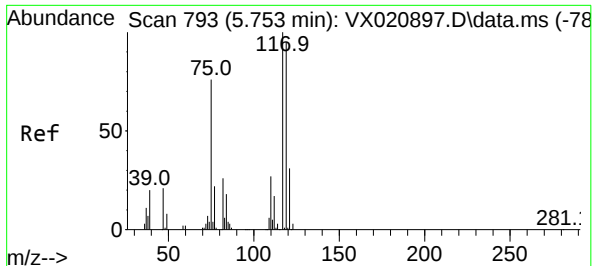


#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52



Tgt Ion: 75 Resp: 15654
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#

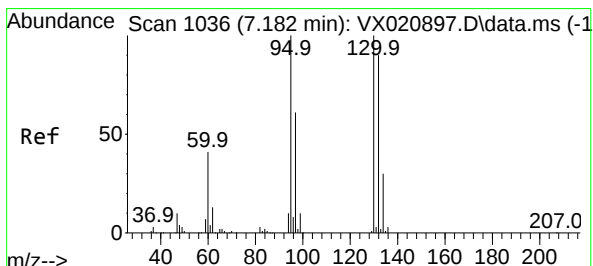
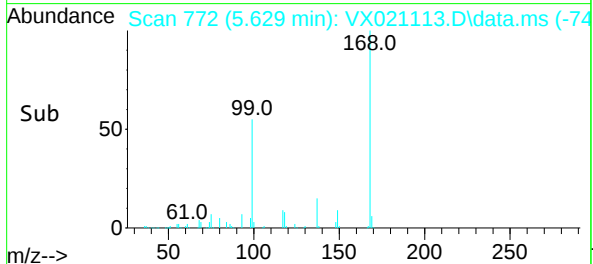
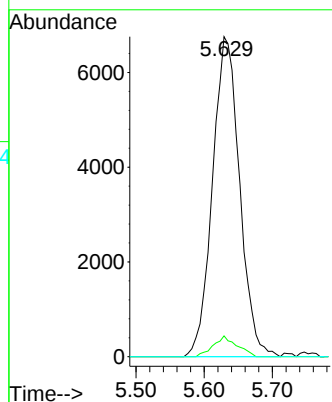
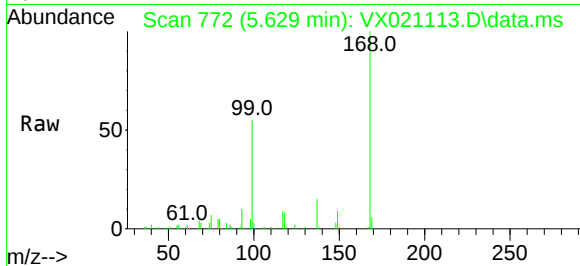




#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

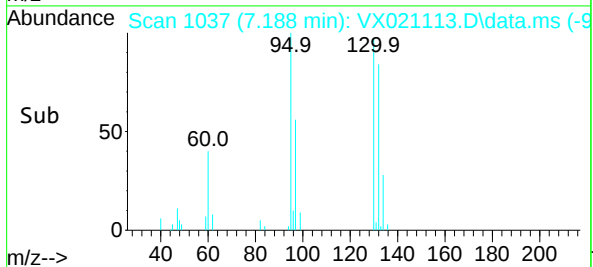
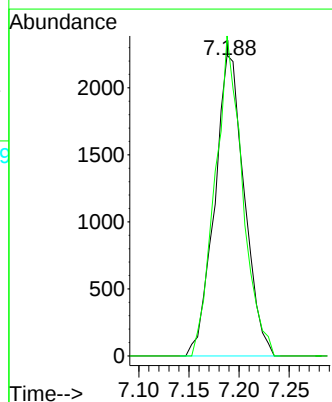
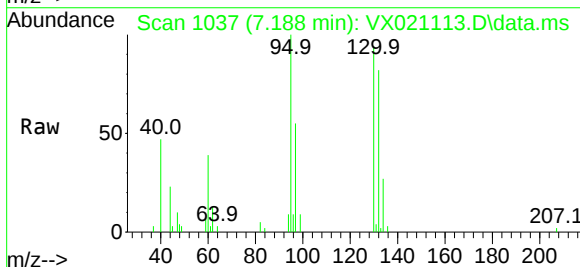
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210305

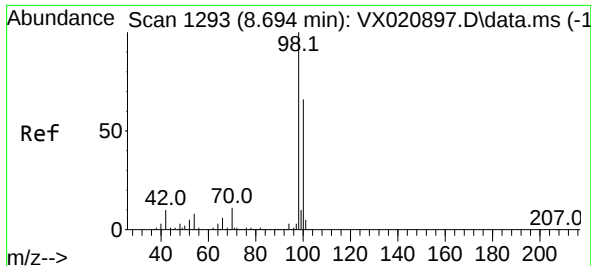
Tgt Ion:117 Resp: 18684
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 1.65 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

Tgt Ion:130 Resp: 4629
Ion Ratio Lower Upper
130 100
95 106.4 0.0 198.0

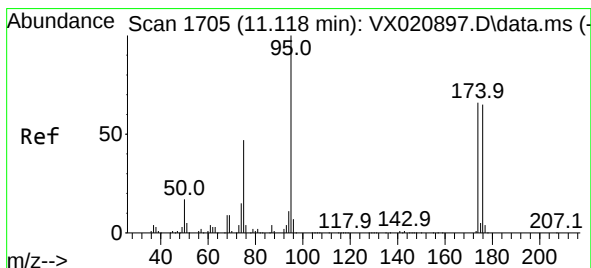
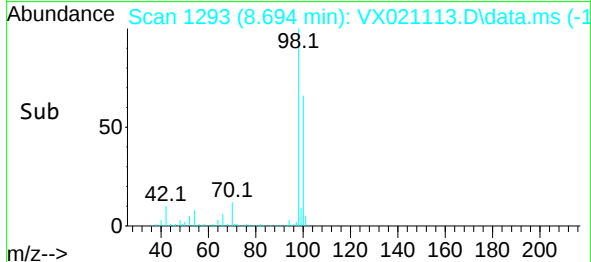
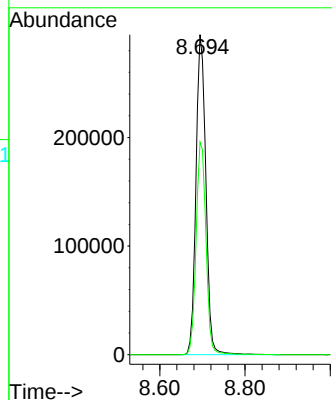
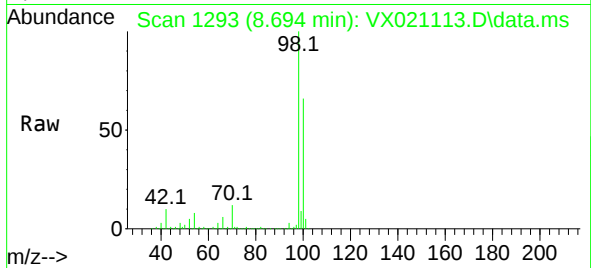




#50
Toluene-d8
Concen: 53.29 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

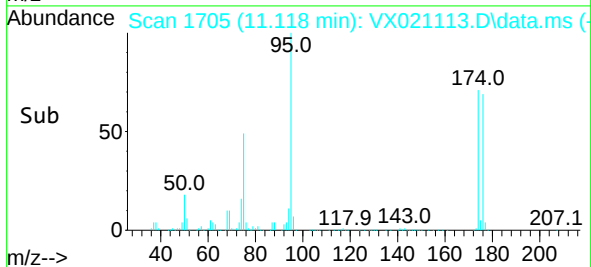
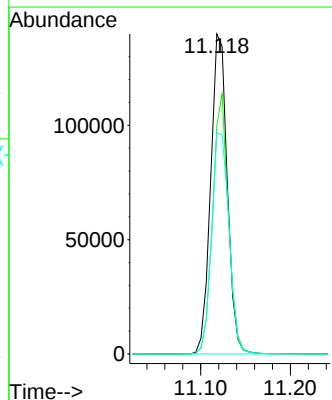
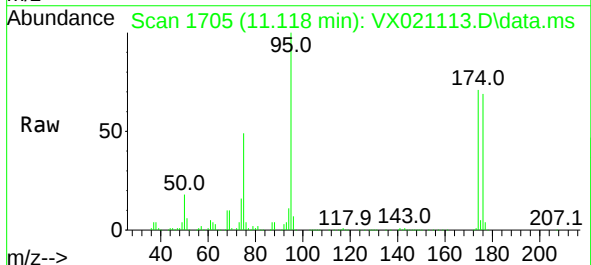
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210305

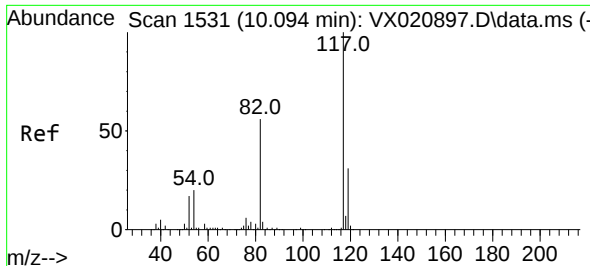
Tgt Ion: 98 Resp: 473252
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.59 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

Tgt Ion: 95 Resp: 179257
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 72.7 0.0 155.8

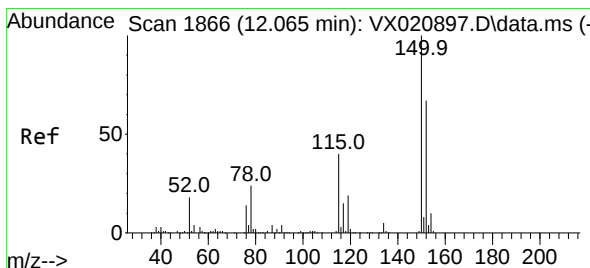
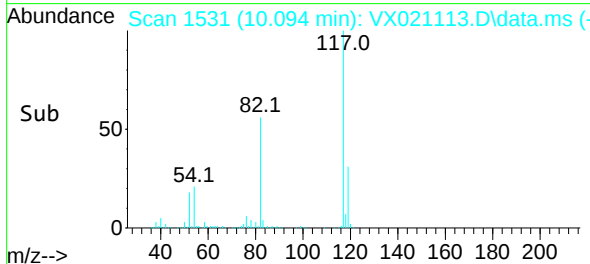
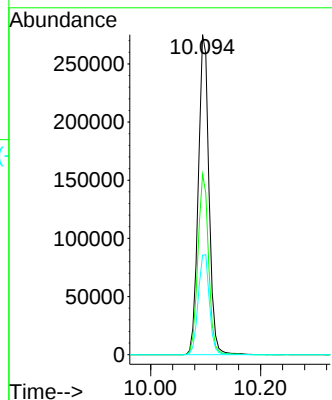
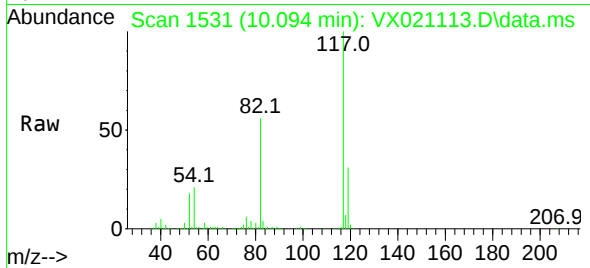




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

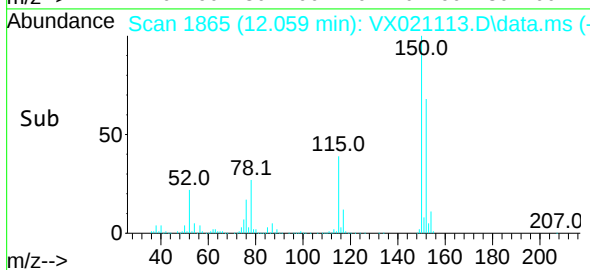
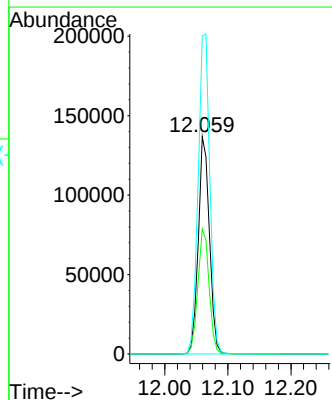
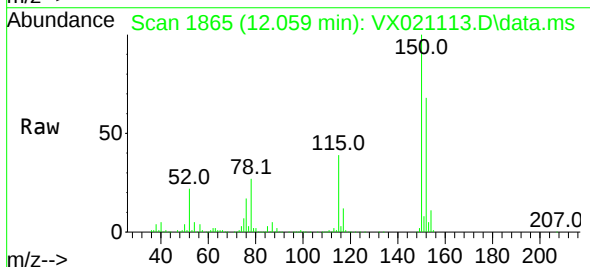
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210305

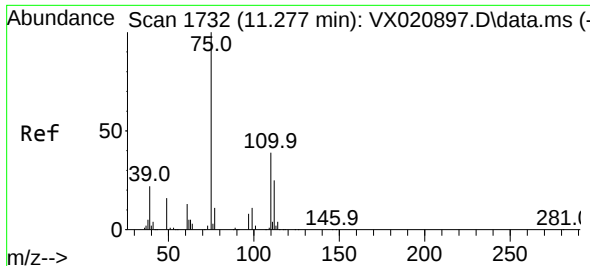
Tgt Ion:117 Resp: 370992
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

Tgt Ion:152 Resp: 167078
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 155.6 0.0 349.0

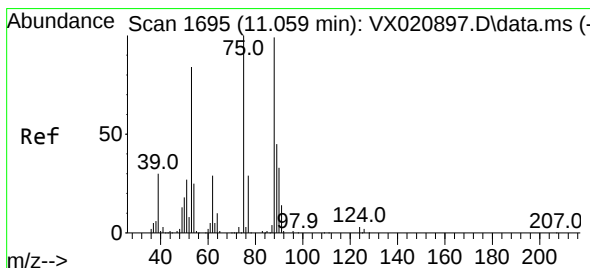
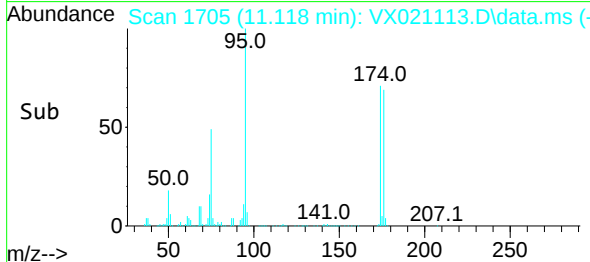
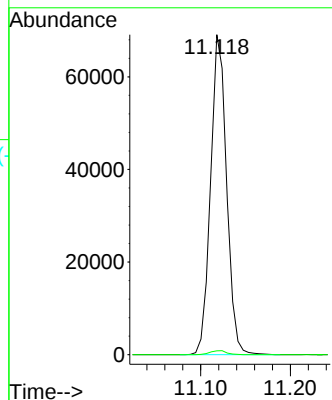
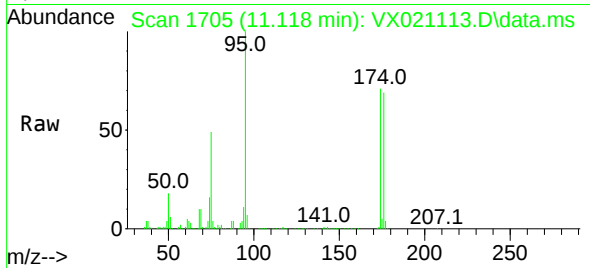




#76
1,2,3-Trichloropropane
Concen: 23.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210305

Tgt Ion: 75 Resp: 85638
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.75 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021113.D
Acq: 09 Mar 2021 16:52

Tgt Ion: 75 Resp: 85638
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

