

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022235.D
 Acq On : 20 Sep 2021 16:15
 Operator : SY/MD
 Sample : M3788-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:44:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 04:41:26 2021
 Response via : Initial Calibration

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

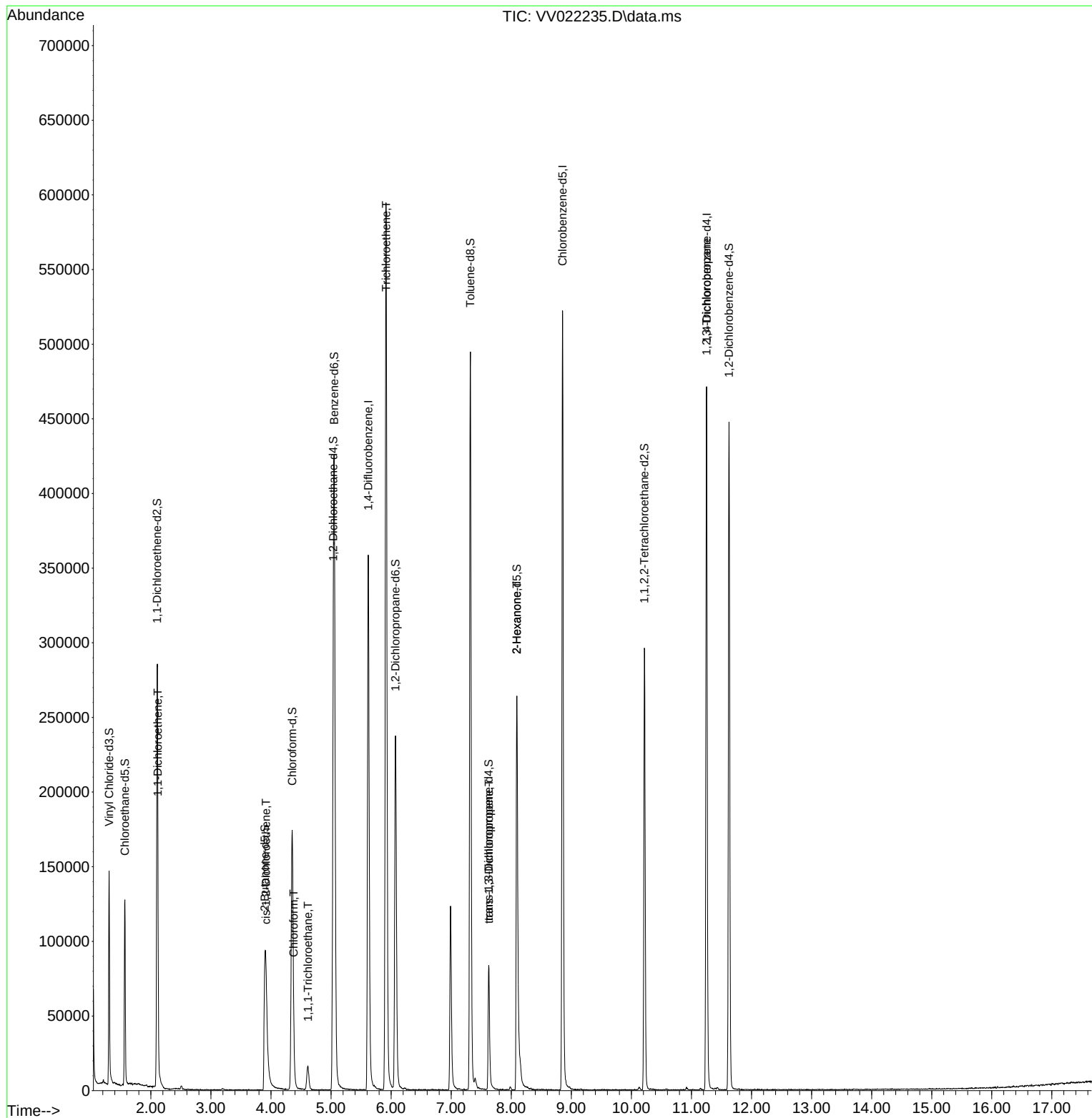
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	317164	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	299232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	128581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95684	43.564	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.120%		
7) Chloroethane-d5	1.568	69	78826	45.957	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.920%		
11) 1,1-Dichloroethene-d2	2.105	63	142426	39.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.420%		
21) 2-Butanone-d5	3.899	46	155341	103.126	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.130%		
24) Chloroform-d	4.352	84	181327	45.276	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.560%		
26) 1,2-Dichloroethane-d4	5.037	65	112901	47.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.720%		
32) Benzene-d6	5.053	84	375244	46.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.460%		
36) 1,2-Dichloropropane-d6	6.072	67	119545	46.836	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.680%		
41) Toluene-d8	7.320	98	331237	43.234	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.460%		
43) trans-1,3-Dichloroprop...	7.625	79	47908	39.435	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.880%		
47) 2-Hexanone-d5	8.092	63	92909	94.867	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.870%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	142787	43.680	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.360%		
66) 1,2-Dichlorobenzene-d4	11.625	152	121243	47.965	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.920%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	14189	7.756	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	14624	5.940	ug/L	93
25) Chloroform	4.378	83	2359	0.566	ug/L #	73
30) 1,1,1-Trichloroethane	4.616	97	12649	3.557	ug/L #	72
34) Trichloroethene	5.915	95	200295	81.222	ug/L	98
44) trans-1,3-Dichloropropene	7.629	75	2130	0.657	ug/L #	75
48) 2-Hexanone	8.092	43	10934	4.606	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	14245	6.392	ug/L #	64

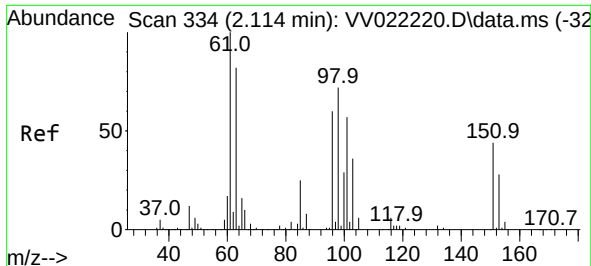
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 7.756 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022235.D

Acq: 20 Sep 2021 16:15

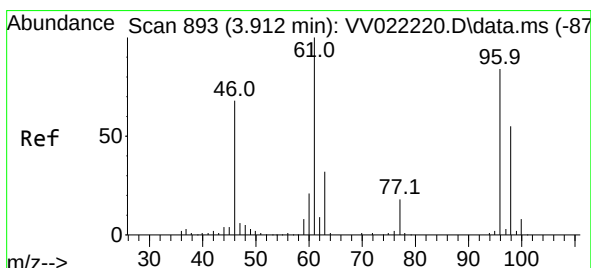
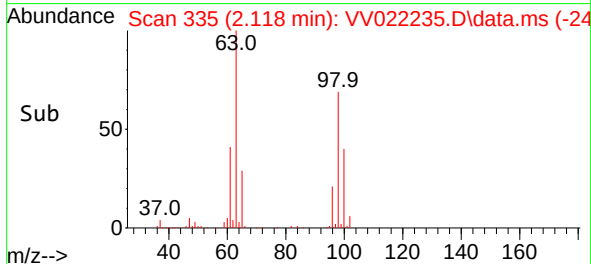
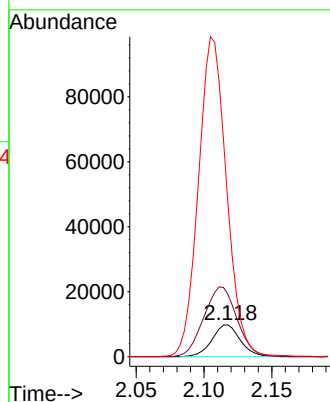
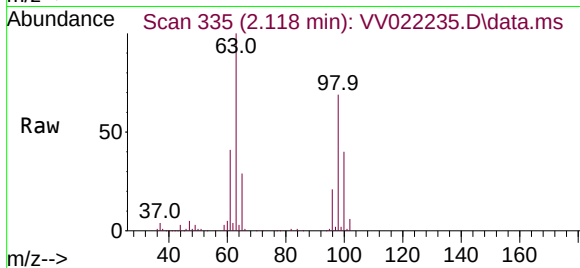
Tgt Ion: 96 Resp: 14189

Ion Ratio Lower Upper

96 100

61 196.3 113.2 210.2

63 482.9 102.3 189.9#



#20

cis-1,2-Dichloroethene

Concen: 5.940 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

Lab File: VV022235.D

Acq: 20 Sep 2021 16:15

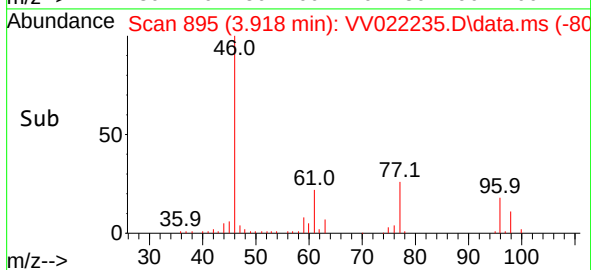
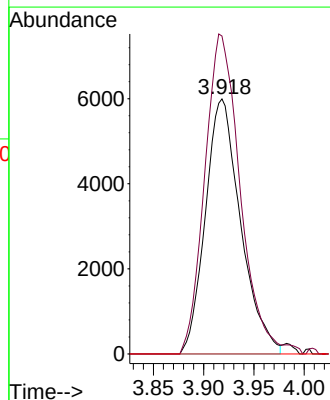
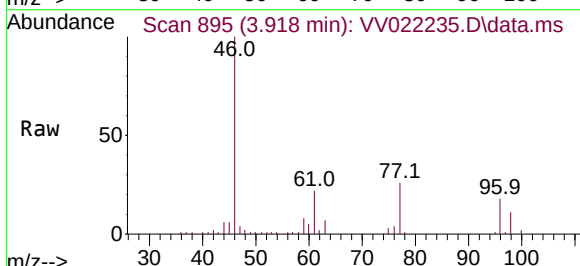
Tgt Ion: 96 Resp: 14624

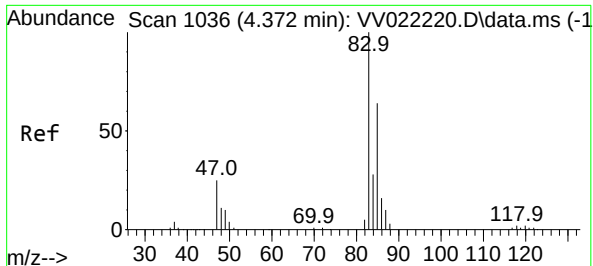
Ion Ratio Lower Upper

96 100

61 124.7 81.8 152.0

68 0.0 0.0 0.0

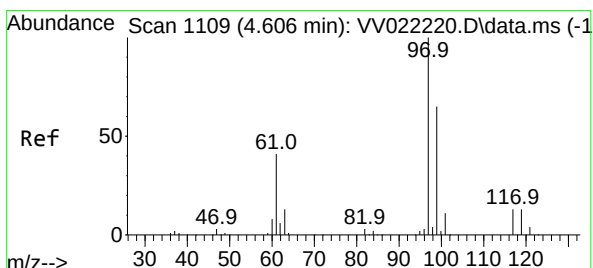
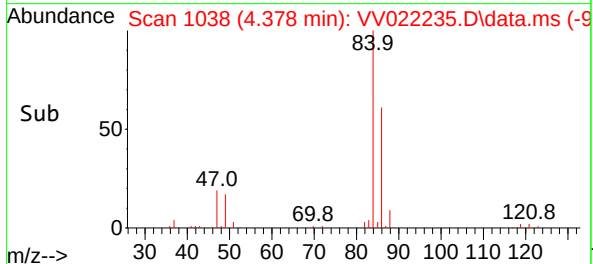
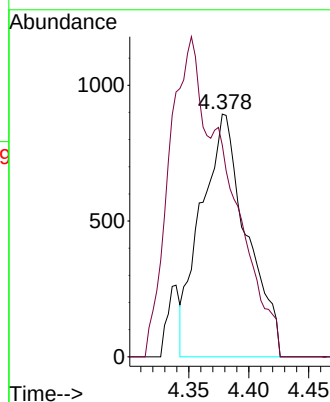
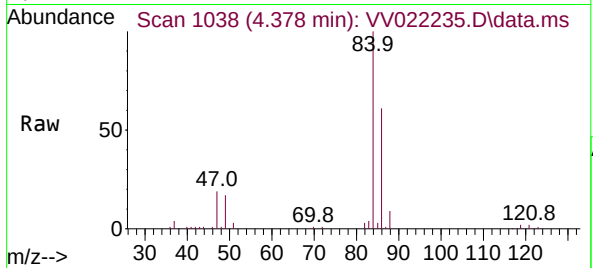




#25
Chloroform
Concen: 0.566 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022235.D
Acq: 20 Sep 2021 16:15

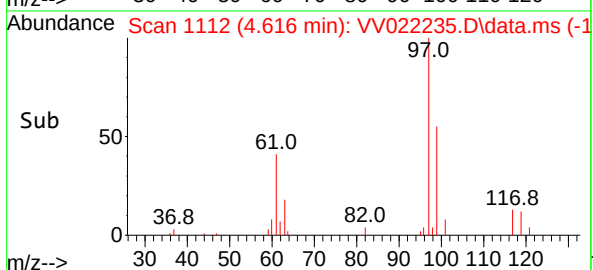
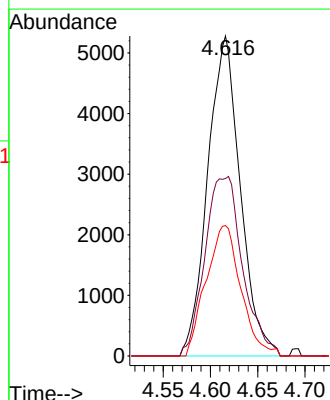
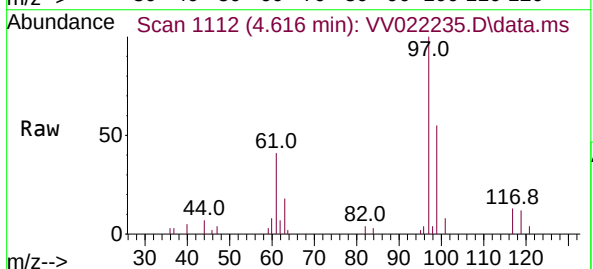
Instrument :
MSVOA_V
ClientSampled :

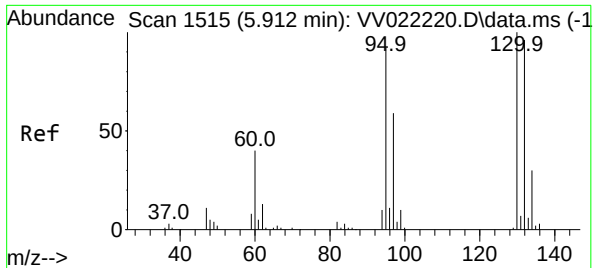
Tgt Ion: 83 Resp: 2359
Ion Ratio Lower Upper
83 100
85 87.2 46.3 85.9#



#30
1,1,1-Trichloroethane
Concen: 3.557 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.010 min
Lab File: VV022235.D
Acq: 20 Sep 2021 16:15

Tgt Ion: 97 Resp: 12649
Ion Ratio Lower Upper
97 100
99 32.3 52.0 78.0#
61 43.3 31.8 47.8





#34

Trichloroethene

Concen: 81.222 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV022235.D

Acq: 20 Sep 2021 16:15

Tgt Ion: 95 Resp: 200295

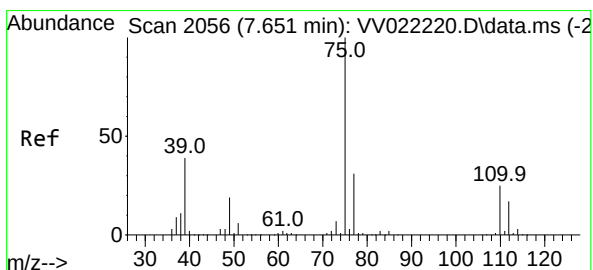
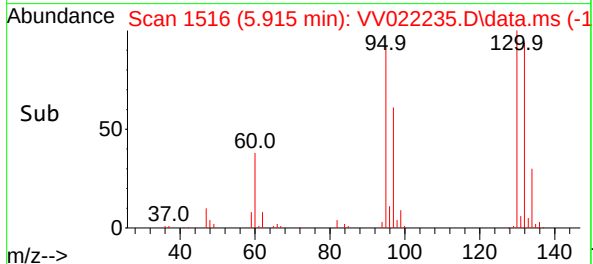
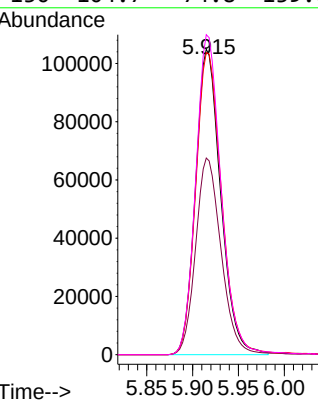
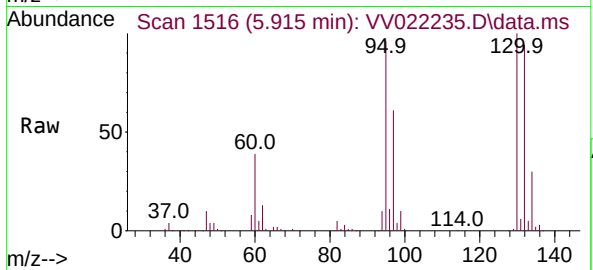
Ion Ratio Lower Upper

95 100

97 64.3 44.1 81.9

132 98.9 70.7 131.3

130 104.7 74.8 139.0



#44

trans-1,3-Dichloropropene

Concen: 0.657 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.023 min

Lab File: VV022235.D

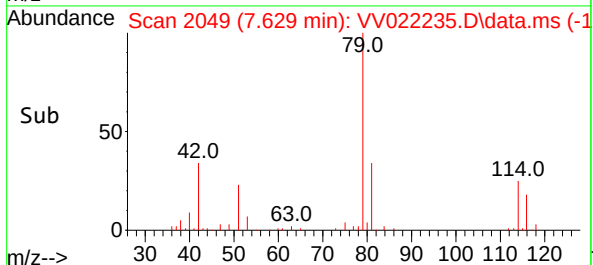
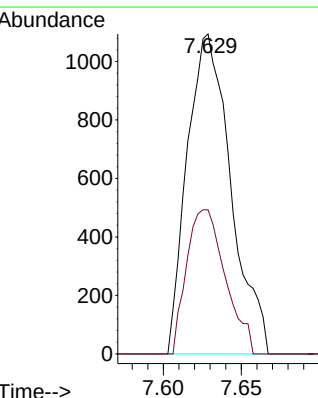
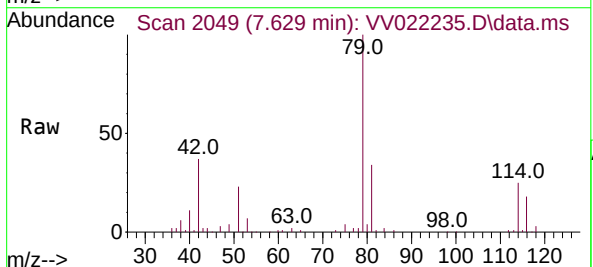
Acq: 20 Sep 2021 16:15

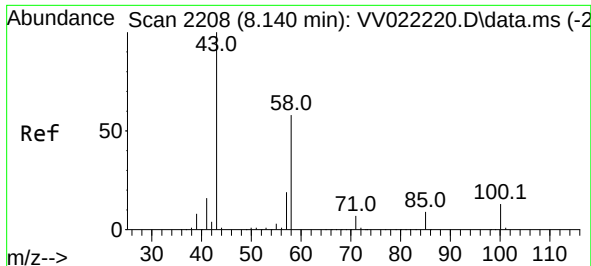
Tgt Ion: 75 Resp: 2130

Ion Ratio Lower Upper

75 100

77 45.1 21.8 40.6#

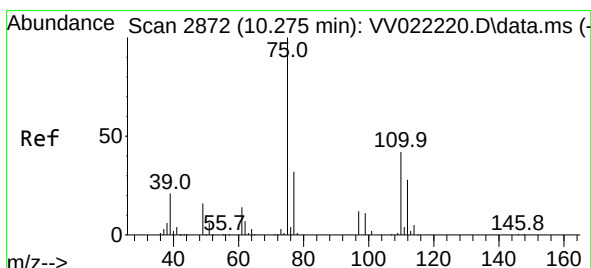
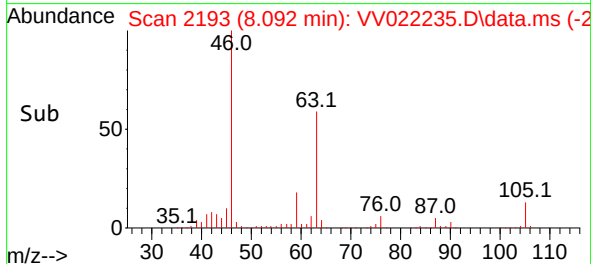
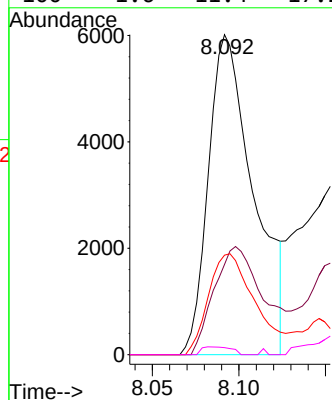
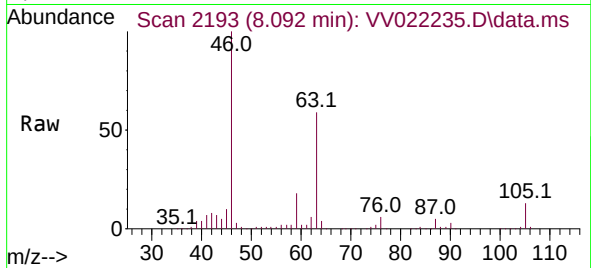




#48
2-Hexanone
Concen: 4.606 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022235.D
Acq: 20 Sep 2021 16:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43	Resp: 10934
Ion Ratio	Lower Upper
43 100	
58 36.9	47.5 71.3#
57 32.3	15.9 23.9#
100 1.6	11.4 17.2#



#61
1,2,3-Trichloropropane
Concen: 6.392 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022235.D
Acq: 20 Sep 2021 16:15

Tgt Ion: 75	Resp: 14245
Ion Ratio	Lower Upper
75 100	
77 34.0	26.2 39.2
110 3.1	33.8 50.6#

