

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022412.D
 Acq On : 30 Sep 2021 05:21
 Operator : SY/MD
 Sample : M3979-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A57

Quant Time: Sep 30 07:10:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

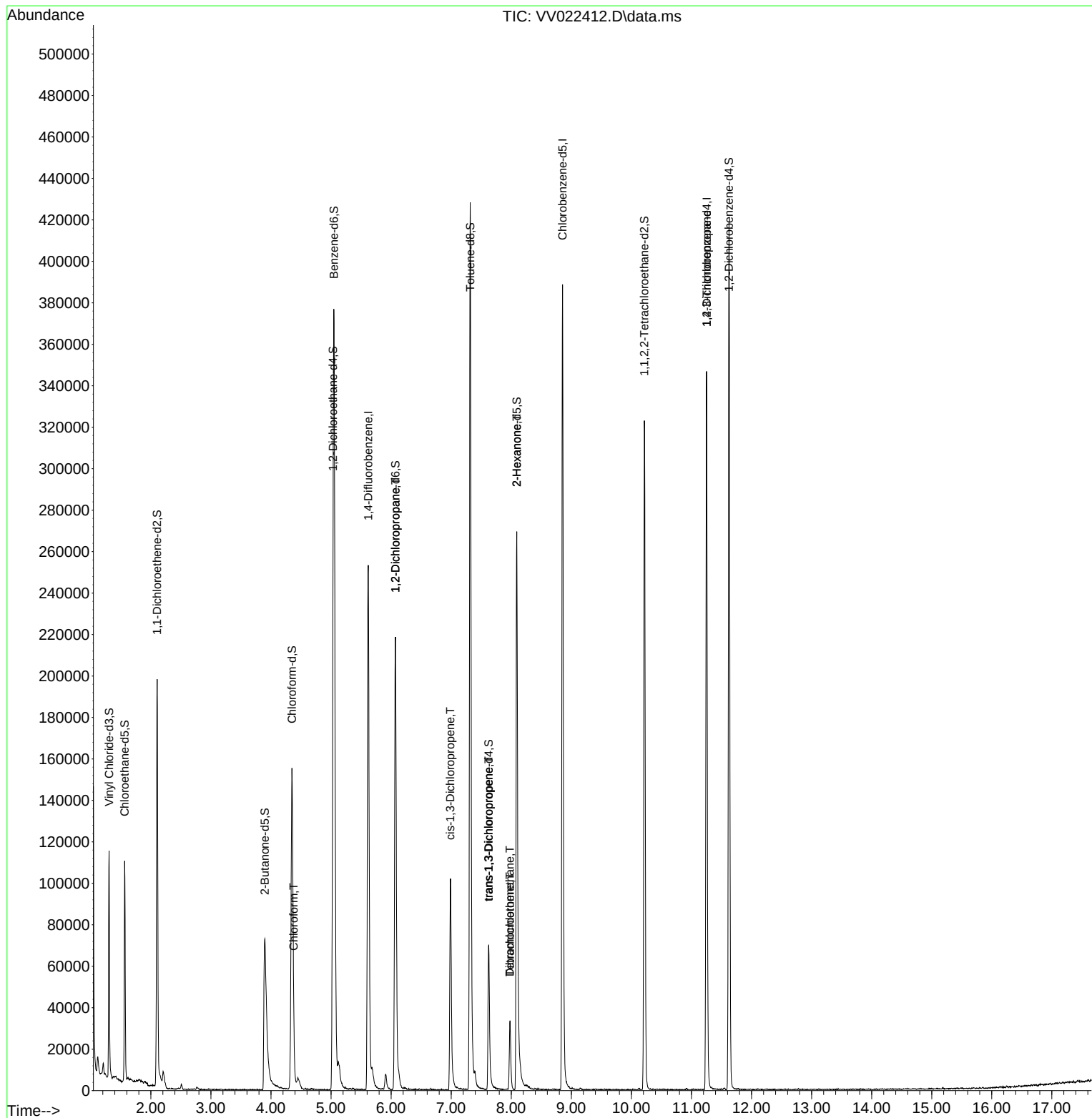
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	227153	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	226885	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	95012	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69062	35.825	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.660%		
7) Chloroethane-d5	1.565	69	64145	42.069	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.140%		
11) 1,1-Dichloroethene-d2	2.105	63	101194	30.192	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.380%		
21) 2-Butanone-d5	3.896	46	148853	109.412	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.410%		
24) Chloroform-d	4.349	84	156516	44.964	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.920%		
26) 1,2-Dichloroethane-d4	5.034	65	100994	47.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
32) Benzene-d6	5.050	84	321662	45.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
36) 1,2-Dichloropropane-d6	6.072	67	111751	48.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.880%		
41) Toluene-d8	7.317	98	292212	44.729	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.460%		
43) trans-1,3-Dichloroprop...	7.622	79	43510	41.728	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.460%		
47) 2-Hexanone-d5	8.092	63	97312	104.879	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.880%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	157093	47.393	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.780%		
66) 1,2-Dichlorobenzene-d4	11.625	152	112496	53.247	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.500%		
Target Compounds					Qvalue	
25) Chloroform	4.378	83	4334	1.353	ug/L	88
37) 1,2-Dichloropropane	6.072	63	10890	6.128	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	2835	1.084	ug/L	88
44) trans-1,3-Dichloropropene	7.625	75	1846	0.739	ug/L	91
46) Tetrachloroethene	7.979	164	7360	5.020	ug/L	94
48) 2-Hexanone	8.092	43	10934	5.758	ug/L #	69
49) Dibromochloromethane	7.979	129	6671	3.486	ug/L #	10
61) 1,2,3-Trichloropropane	11.252	75	10440	5.890	ug/L #	64

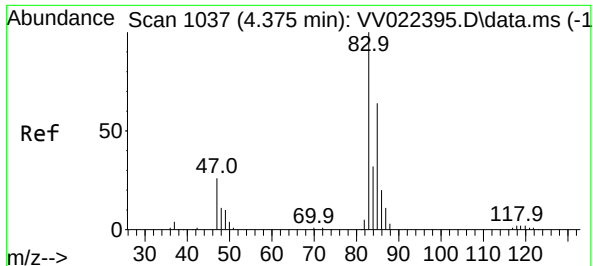
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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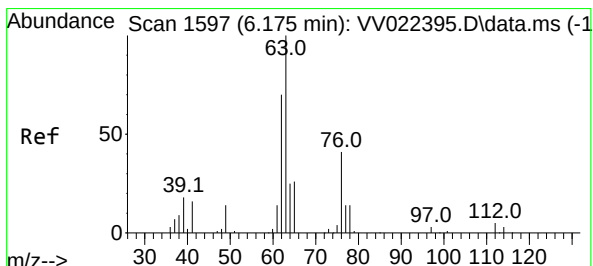
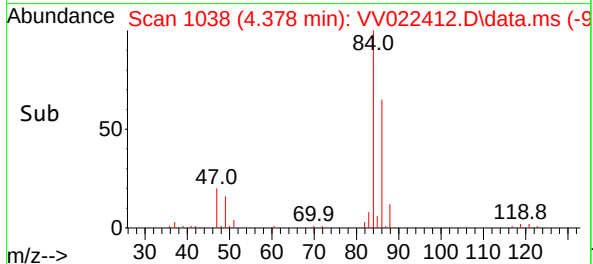
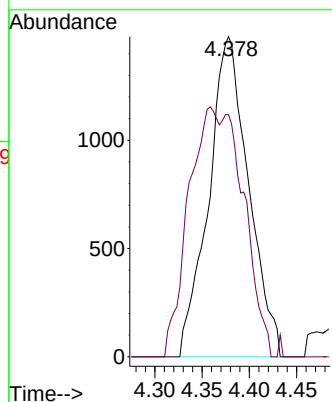
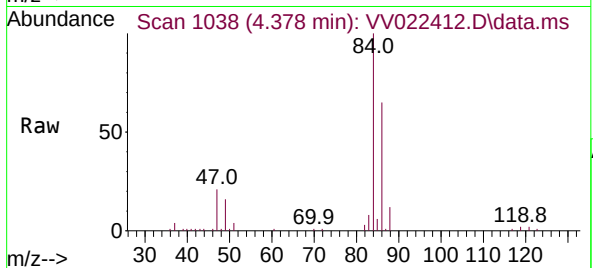


#25

Chloroform
Concen: 1.353 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022412.D
Acq: 30 Sep 2021 05:21

Instrument :
MSVOA_V
ClientSampleId :
F4A57

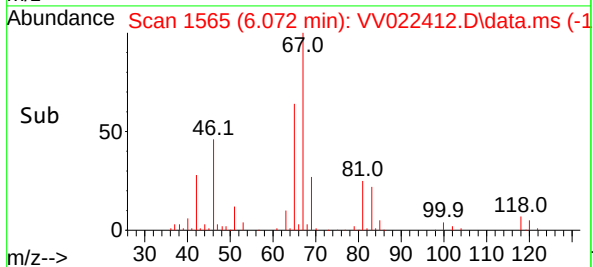
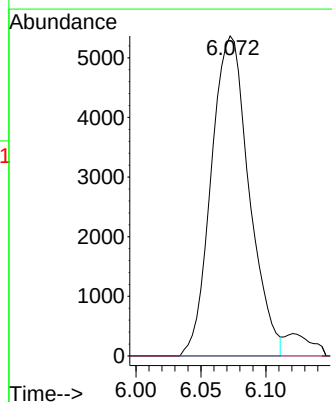
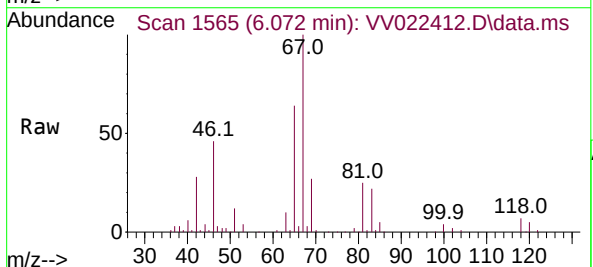
Tgt Ion: 83 Resp: 4334
Ion Ratio Lower Upper
83 100
85 75.6 46.5 86.3

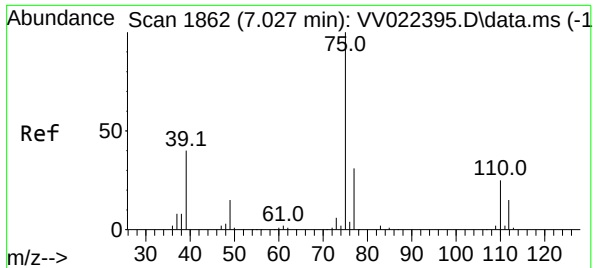


#37

1,2-Dichloropropane
Concen: 6.128 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022412.D
Acq: 30 Sep 2021 05:21

Tgt Ion: 63 Resp: 10890
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



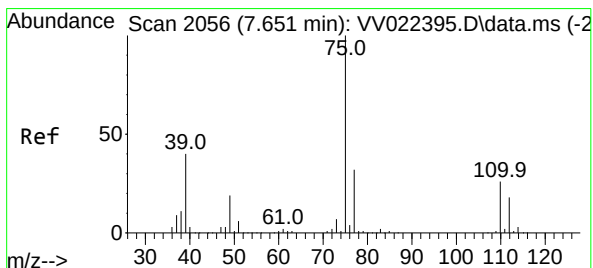
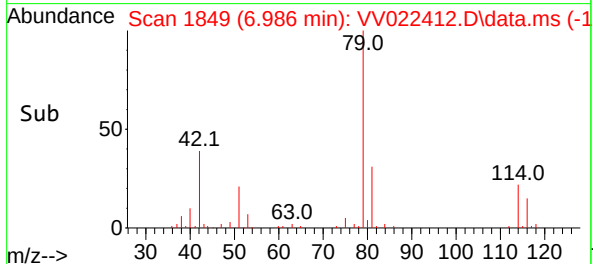
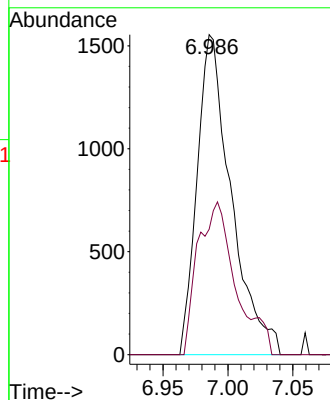
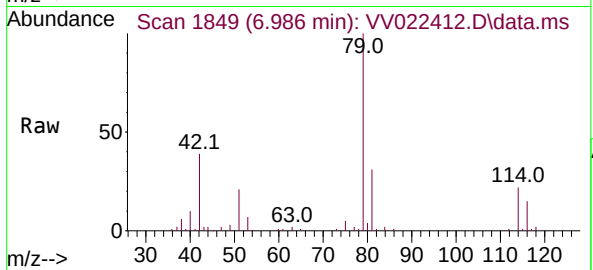


#39

cis-1,3-Dichloropropene
Concen: 1.084 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022412.D
Acq: 30 Sep 2021 05:21

Instrument :
MSVOA_V
ClientSampled :
F4A57

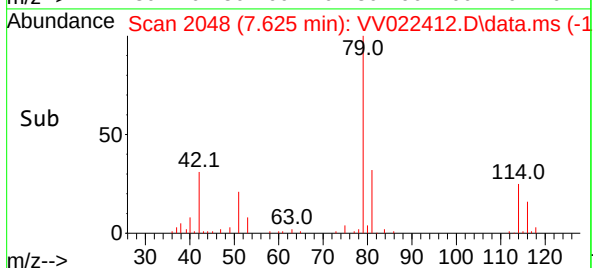
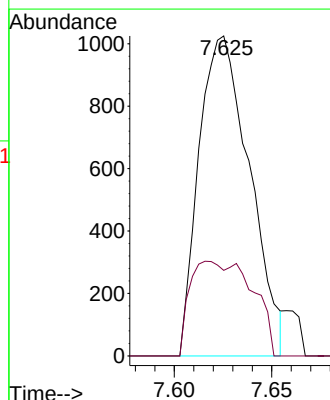
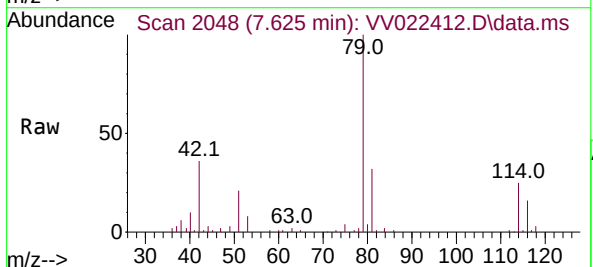
Tgt Ion: 75 Resp: 2835
Ion Ratio Lower Upper
75 100
77 39.2 22.7 42.1

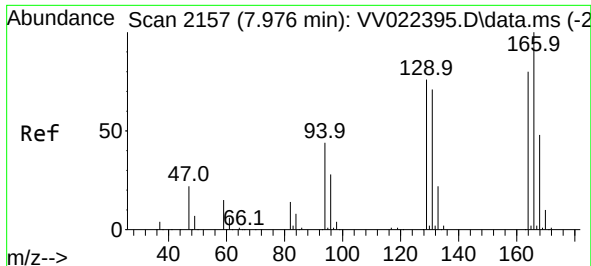


#44

trans-1,3-Dichloropropene
Concen: 0.739 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022412.D
Acq: 30 Sep 2021 05:21

Tgt Ion: 75 Resp: 1846
Ion Ratio Lower Upper
75 100
77 26.7 22.3 41.3



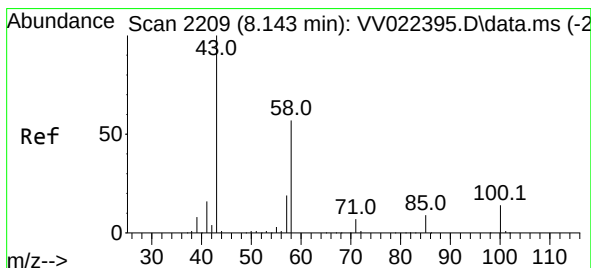
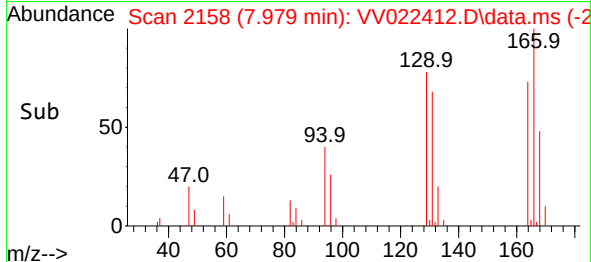
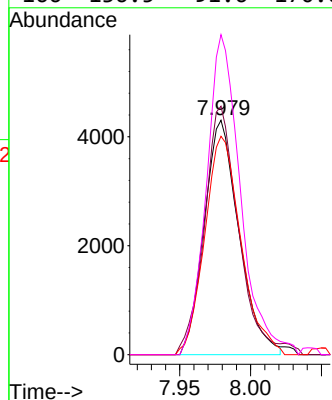
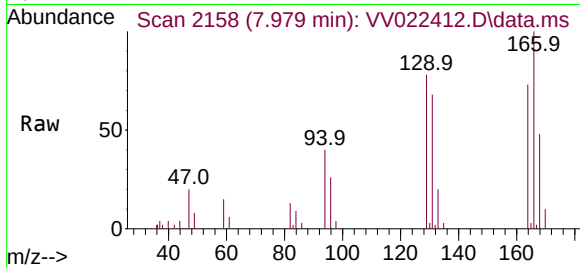


#46
Tetrachloroethene
Concen: 5.020 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022412.D
Acq: 30 Sep 2021 05:21

Instrument :
MSVOA_V
ClientSampled :
F4A57

Tgt Ion:164 Resp: 7360

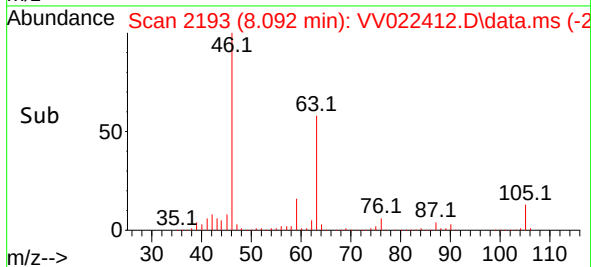
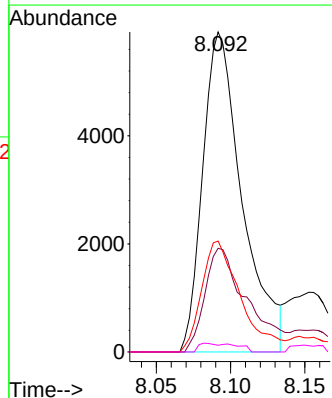
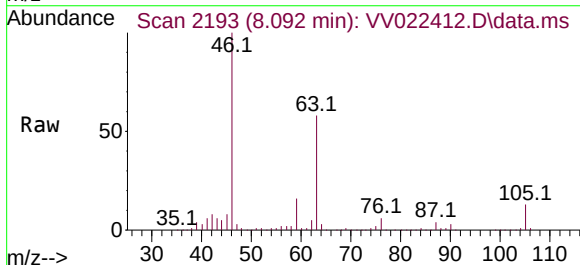
Ion	Ratio	Lower	Upper
164	100		
129	105.9	66.4	123.4
131	93.1	63.6	118.0
166	136.5	91.6	170.0

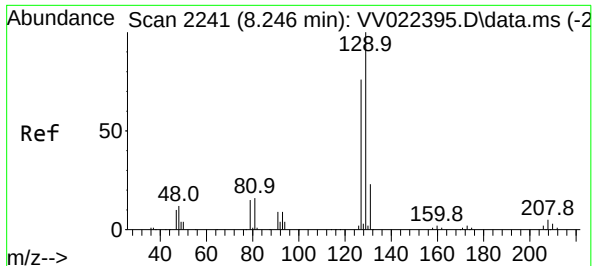


#48
2-Hexanone
Concen: 5.758 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022412.D
Acq: 30 Sep 2021 05:21

Tgt Ion: 43 Resp: 10934

Ion	Ratio	Lower	Upper
43	100		
58	35.4	45.4	68.2#
57	34.3	15.0	22.4#
100	0.9	10.7	16.1#





#49

Dibromochloromethane

Concen: 3.486 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022412.D

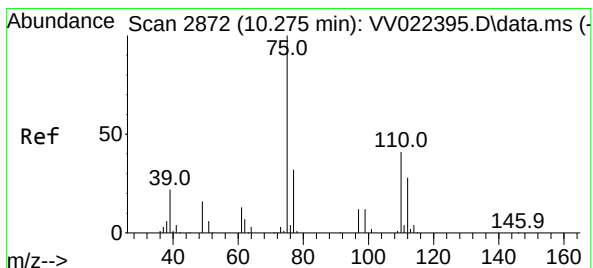
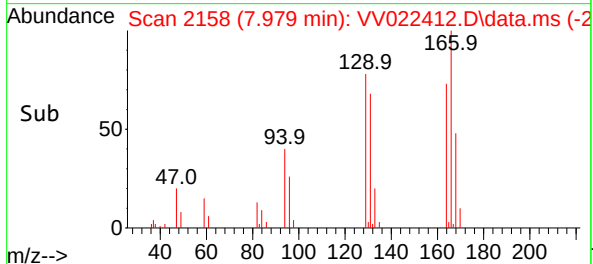
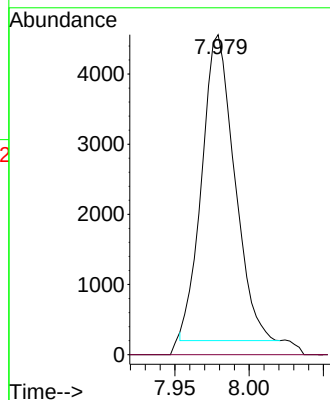
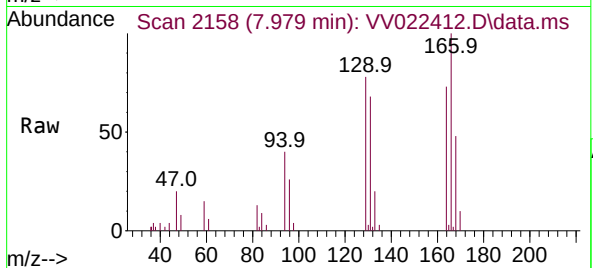
Acq: 30 Sep 2021 05:21

Tgt Ion: 129 Resp: 6671

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 5.890 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.978 min

Lab File: VV022412.D

Acq: 30 Sep 2021 05:21

Tgt Ion: 75 Resp: 10440

Ion Ratio Lower Upper

75 100

77 34.2 25.4 38.0

110 3.2 32.6 48.8#

