

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022411.D
 Acq On : 30 Sep 2021 04:57
 Operator : SY/MD
 Sample : M3979-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 07:10:31 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)

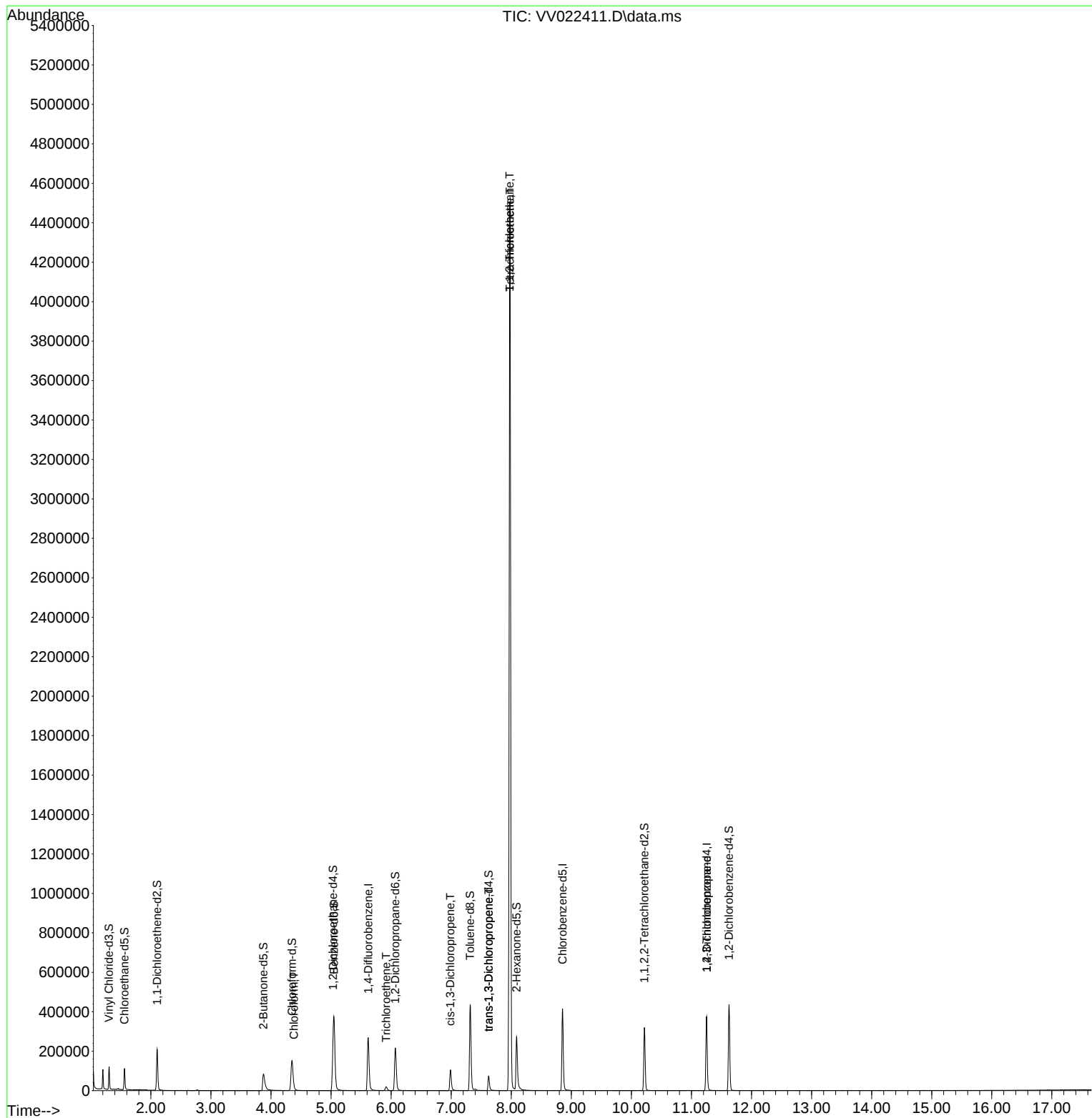
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	241753	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	236594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	104177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70503	34.364	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.720%
7) Chloroethane-d5	1.561	69	66077	40.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	2.104	63	106277	29.794	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.580%#
21) 2-Butanone-d5	3.873	46	132093	91.229	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.230%
24) Chloroform-d	4.349	84	158172	42.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.034	65	102938	45.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.620%
32) Benzene-d6	5.050	84	329148	44.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	6.069	67	108123	45.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.820%
41) Toluene-d8	7.316	98	289254	42.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	7.622	79	43036	39.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.160%
47) 2-Hexanone-d5	8.088	63	91059	94.113	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.110%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	156264	45.208	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.420%
66) 1,2-Dichlorobenzene-d4	11.625	152	115738	49.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
25) Chloroform	4.381	83	7534	2.209	ug/L	99
34) Trichloroethene	5.915	95	5669	3.053	ug/L	91
39) cis-1,3-Dichloropropene	6.985	75	2694	0.988	ug/L #	67
44) trans-1,3-Dichloropropene	7.622	75	1757	0.675	ug/L #	80
45) 1,1,2-Trichloroethane	7.976	97	7973	4.228	ug/L #	1
46) Tetrachloroethene	7.979	164	1022828	669.014	ug/L	97
61) 1,2,3-Trichloropropane	11.252	75	11967	6.157	ug/L #	66

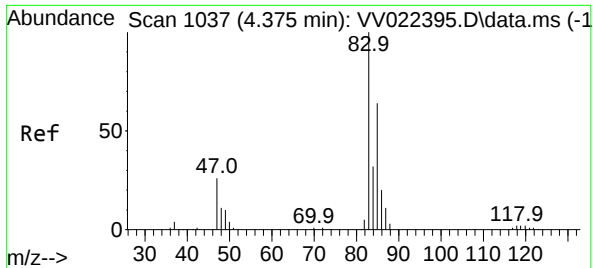
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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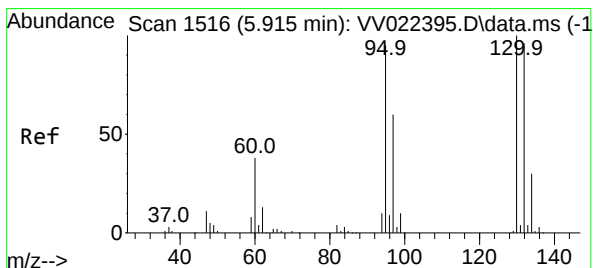
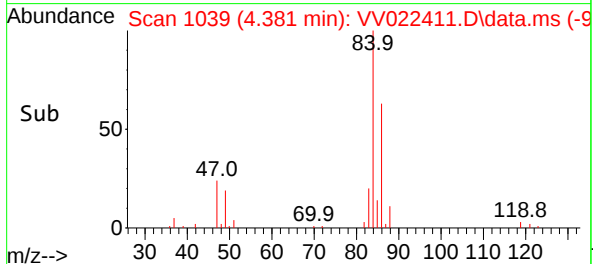
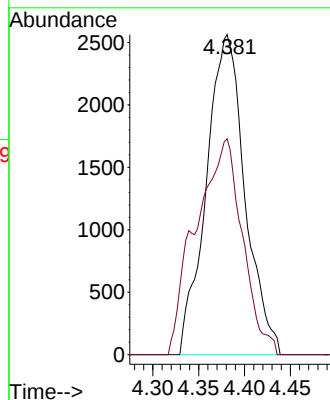
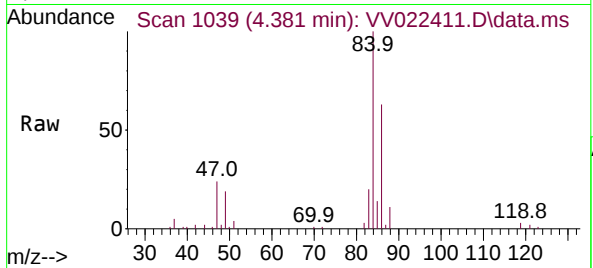




#25
Chloroform
Concen: 2.209 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV022411.D
Acq: 30 Sep 2021 04:57

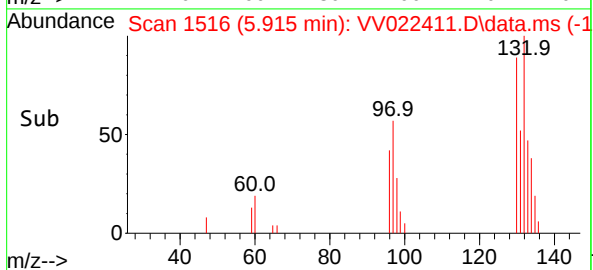
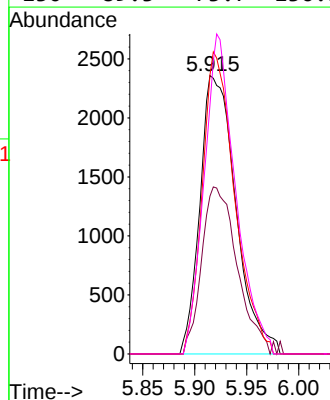
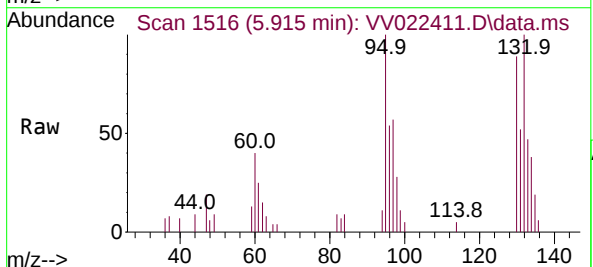
Instrument :
MSVOA_V
ClientSampled :

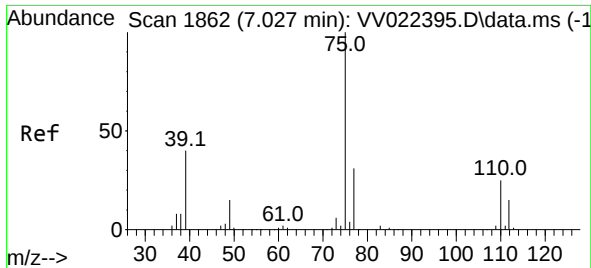
Tgt Ion: 83 Resp: 7534
Ion Ratio Lower Upper
83 100
85 67.5 46.5 86.3



#34
Trichloroethene
Concen: 3.053 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022411.D
Acq: 30 Sep 2021 04:57

Tgt Ion: 95 Resp: 5669
Ion Ratio Lower Upper
95 100
97 56.7 45.2 84.0
132 100.2 71.0 131.8
130 89.3 73.7 136.9



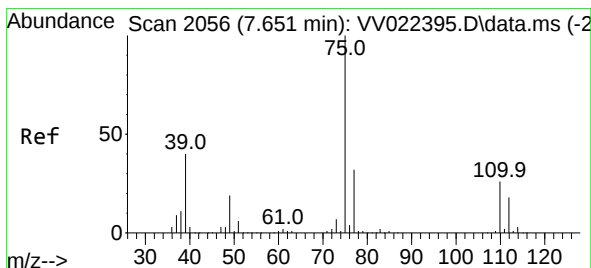
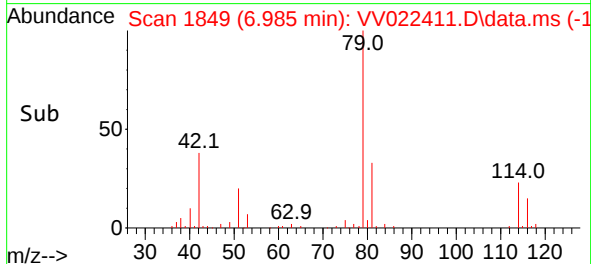
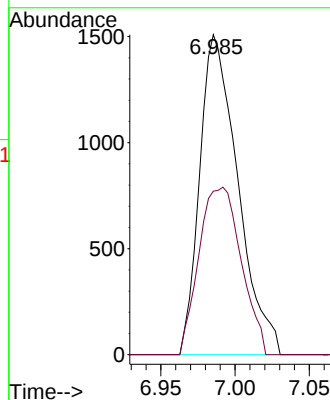
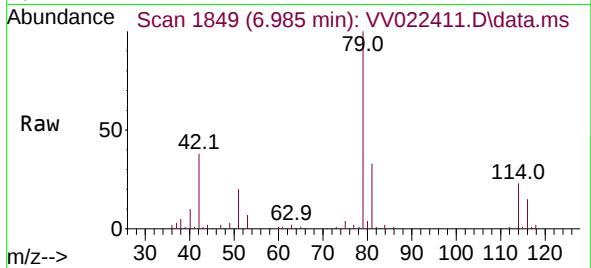


#39

cis-1,3-Dichloropropene
Concen: 0.988 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022411.D
Acq: 30 Sep 2021 04:57

Instrument :
MSVOA_V
ClientSampled :

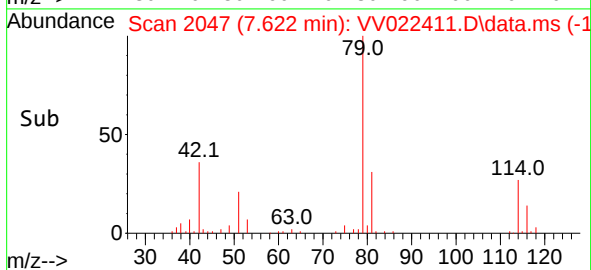
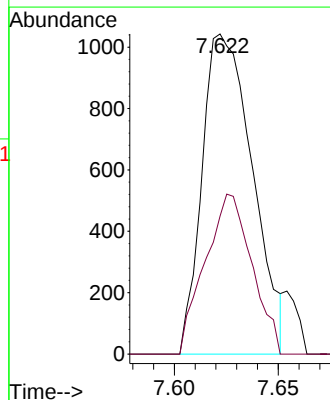
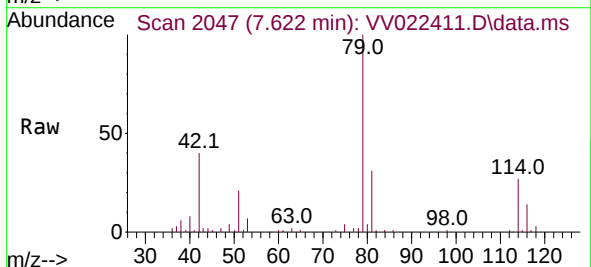
Tgt Ion: 75 Resp: 2694
Ion Ratio Lower Upper
75 100
77 51.1 22.7 42.1#

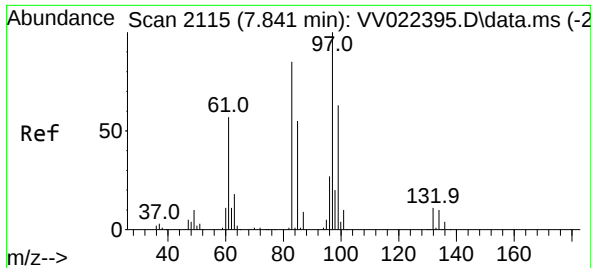


#44

trans-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022411.D
Acq: 30 Sep 2021 04:57

Tgt Ion: 75 Resp: 1757
Ion Ratio Lower Upper
75 100
77 43.0 22.3 41.3#





#45

1,1,2-Trichloroethane

Concen: 4.228 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.135 min

Lab File: VV022411.D

Acq: 30 Sep 2021 04:57

Tgt Ion: 97 Resp: 7973

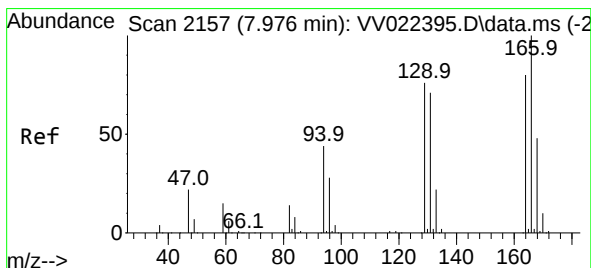
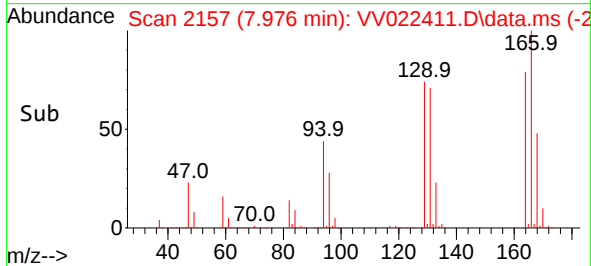
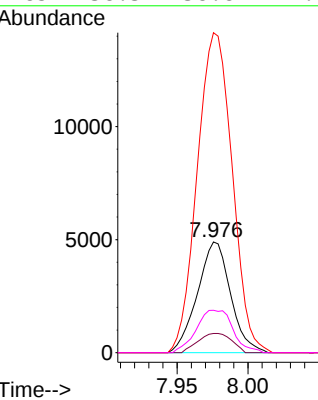
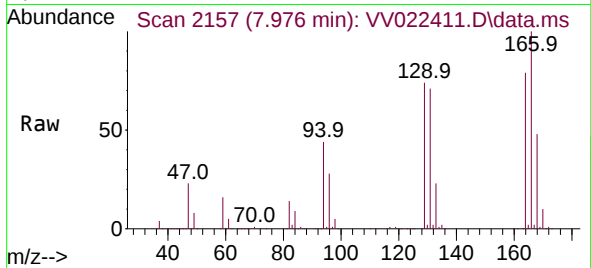
Ion Ratio Lower Upper

97 100

99 17.4 44.6 82.8#

83 289.1 59.8 111.1#

85 38.3 38.8 72.0#



#46

Tetrachloroethene

Concen: 669.014 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022411.D

Acq: 30 Sep 2021 04:57

Tgt Ion:164 Resp: 1022828

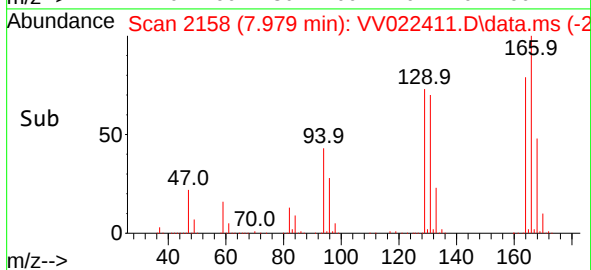
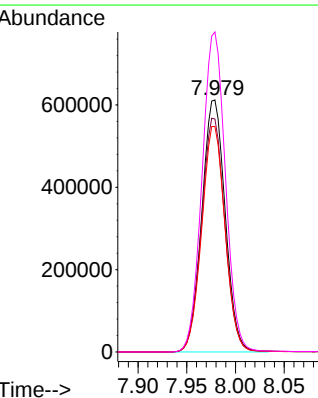
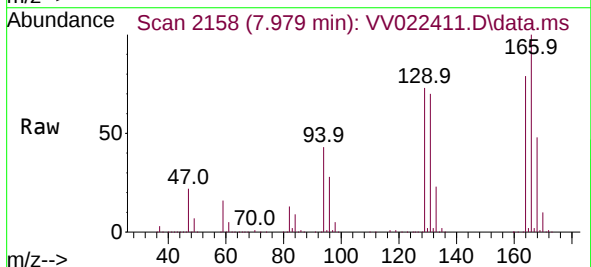
Ion Ratio Lower Upper

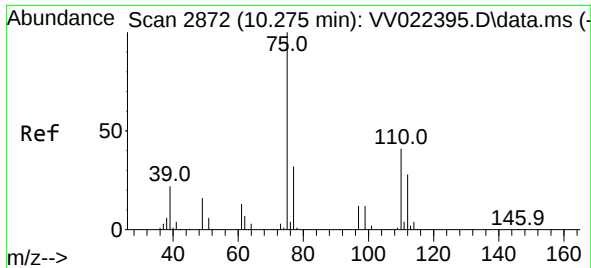
164 100

129 92.4 66.4 123.4

131 89.4 63.6 118.0

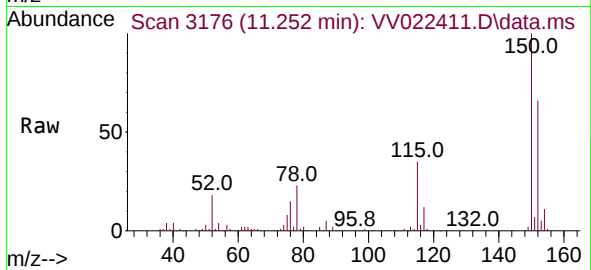
166 127.0 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 6.157 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022411.D
 Acq: 30 Sep 2021 04:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 11967
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 110 2.8 32.6 48.8#

