

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022467.D
 Acq On : 01 Oct 2021 05:41
 Operator : SY/MD
 Sample : M3997-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A48

Quant Time: Oct 01 06:29:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

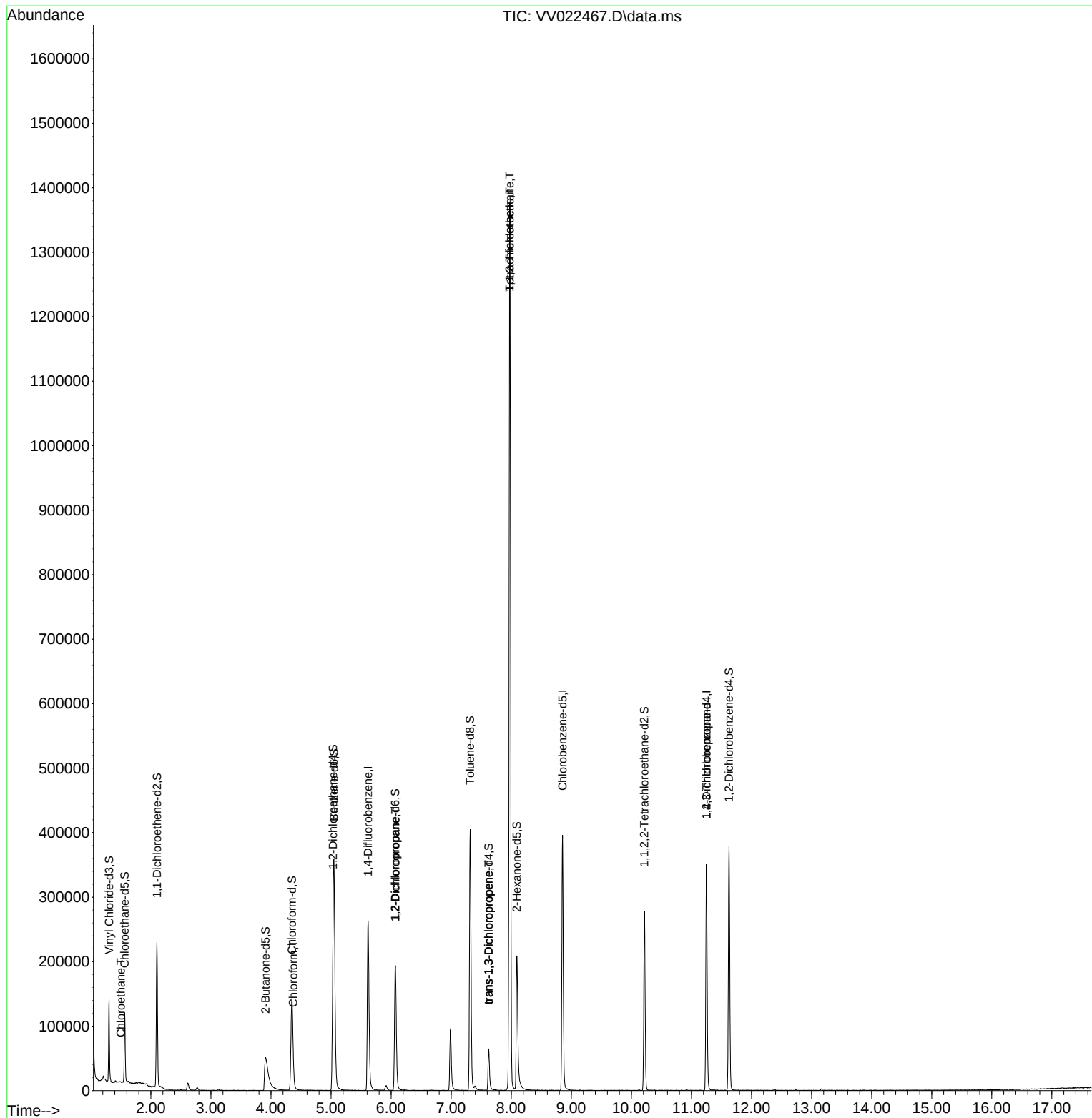
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	236310	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	224934	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97374	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81381	40.580	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.160%		
7) Chloroethane-d5	1.564	69	66229	41.753	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.500%		
11) 1,1-Dichloroethene-d2	2.101	63	117848	33.799	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.600%		
21) 2-Butanone-d5	3.908	46	117358	82.919	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.920%		
24) Chloroform-d	4.349	84	151374	41.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.600%		
26) 1,2-Dichloroethane-d4	5.034	65	94035	42.345	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.680%		
32) Benzene-d6	5.050	84	312056	44.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.200%		
36) 1,2-Dichloropropane-d6	6.069	67	98713	43.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.200%		
41) Toluene-d8	7.317	98	271175	41.869	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.740%		
43) trans-1,3-Dichloroprop...	7.622	79	36398	35.210	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.420%		
47) 2-Hexanone-d5	8.091	63	78080	84.882	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.880%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	129475	39.400	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	101734	46.985	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.980%		
Target Compounds						Qvalue
8) Chloroethane	1.500	64	2494	1.903	ug/L #	53
25) Chloroform	4.371	83	1564	0.469	ug/L #	73
37) 1,2-Dichloropropane	6.072	63	10831	6.148	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1804	0.729	ug/L	92
45) 1,1,2-Trichloroethane	7.972	97	2537	1.415	ug/L #	1
46) Tetrachloroethene	7.976	164	317030	218.113	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	10452	5.753	ug/L #	62

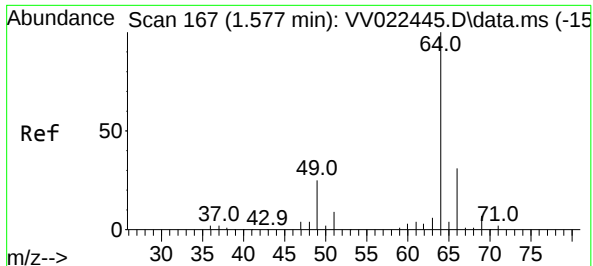
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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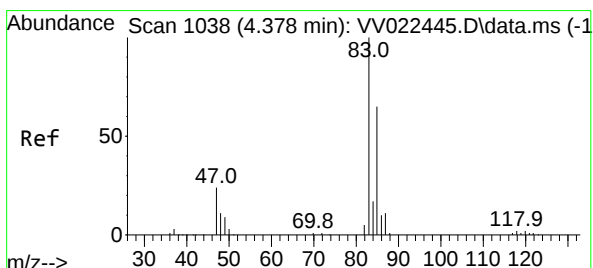
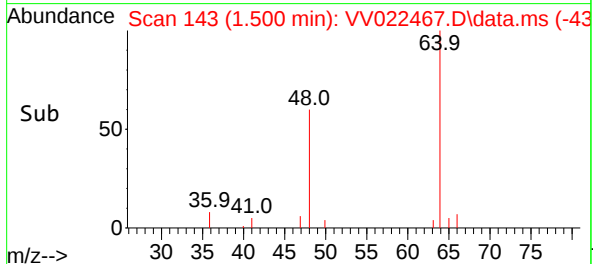
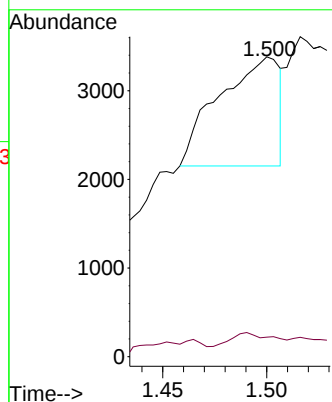
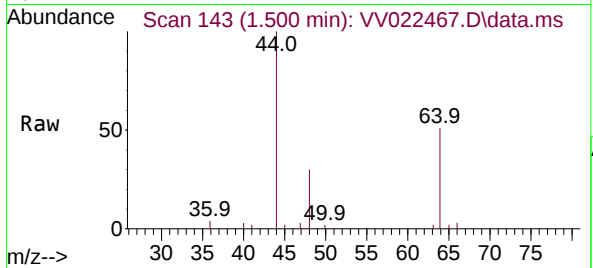




#8
Chloroethane
Concen: 1.903 ug/L
RT: 1.500 min Scan# 143
Delta R.T. -0.077 min
Lab File: VV022467.D
Acq: 01 Oct 2021 05:41

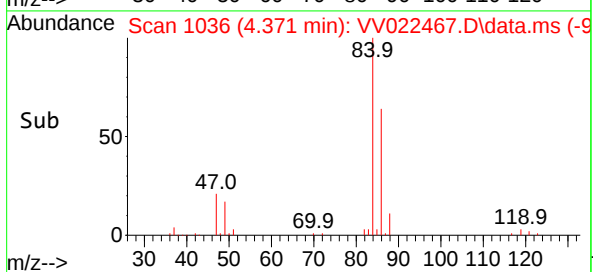
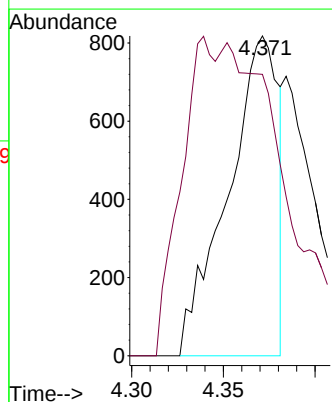
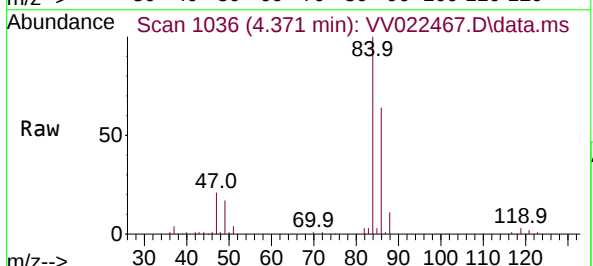
Instrument :
MSVOA_V
ClientSampled :
F4A48

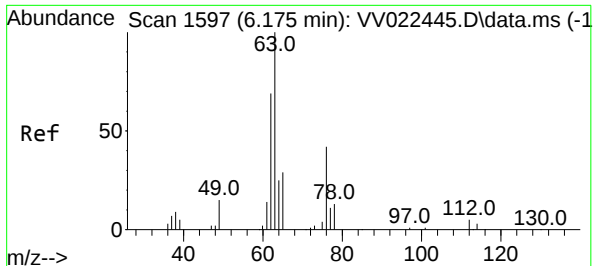
Tgt Ion: 64 Resp: 2494
Ion Ratio Lower Upper
64 100
66 6.5 23.0 42.8#



#25
Chloroform
Concen: 0.469 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VV022467.D
Acq: 01 Oct 2021 05:41

Tgt Ion: 83 Resp: 1564
Ion Ratio Lower Upper
83 100
85 88.0 46.5 86.3#



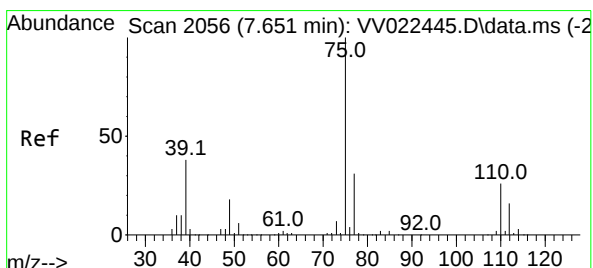
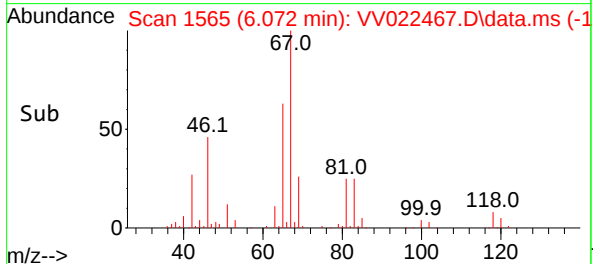
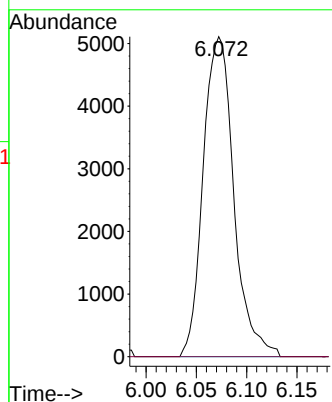
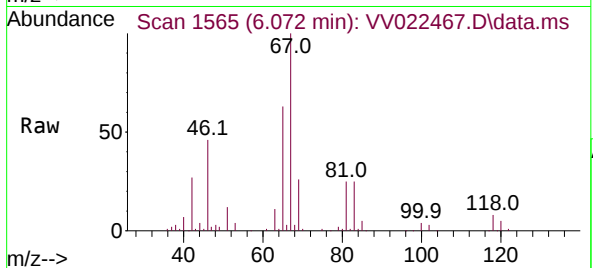


#37

1,2-Dichloropropane
Concen: 6.148 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022467.D
Acq: 01 Oct 2021 05:41

Instrument :
MSVOA_V
ClientSampleId :
F4A48

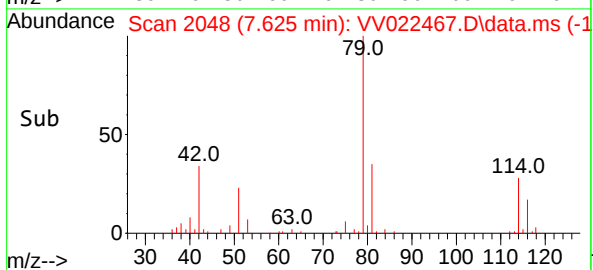
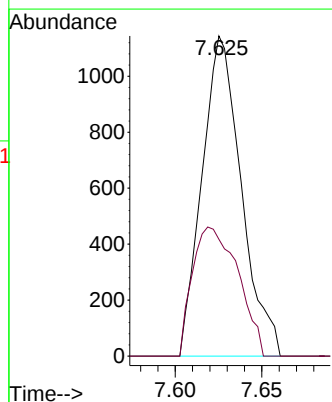
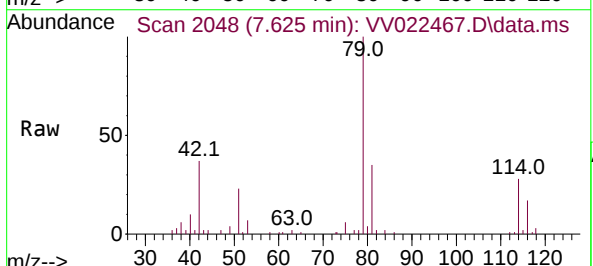
Tgt Ion: 63 Resp: 10831
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

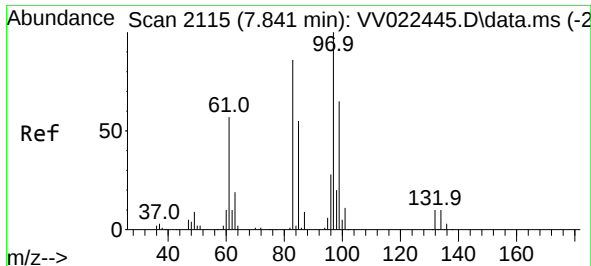


#44

trans-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022467.D
Acq: 01 Oct 2021 05:41

Tgt Ion: 75 Resp: 1804
Ion Ratio Lower Upper
75 100
77 36.5 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 1.415 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.132 min

Lab File: VV022467.D

Acq: 01 Oct 2021 05:41

Tgt Ion: 97 Resp: 2537

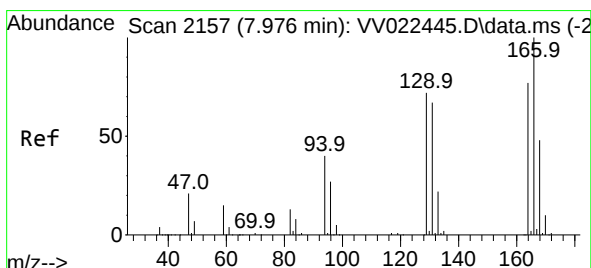
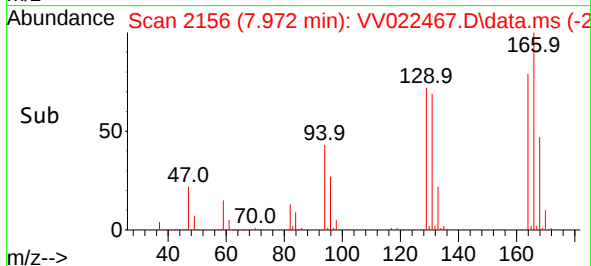
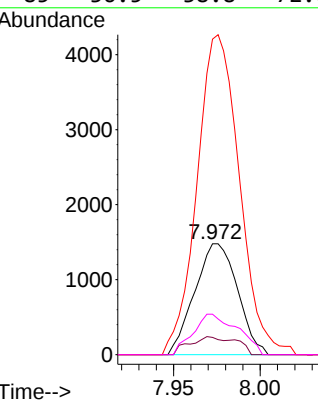
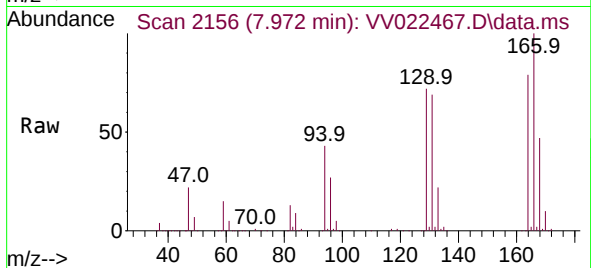
Ion Ratio Lower Upper

97 100

99 15.6 44.6 82.8#

83 284.6 59.8 111.1#

85 36.5 38.8 72.0#



#46

Tetrachloroethene

Concen: 218.113 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV022467.D

Acq: 01 Oct 2021 05:41

Tgt Ion:164 Resp: 317030

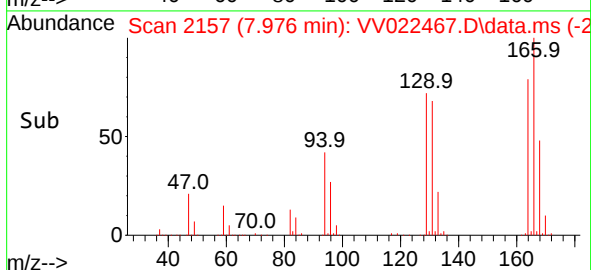
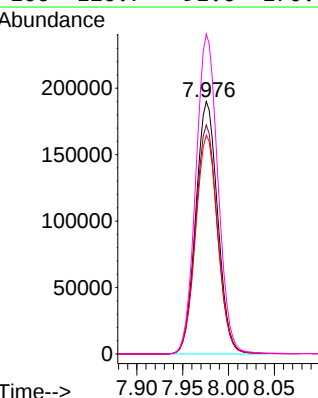
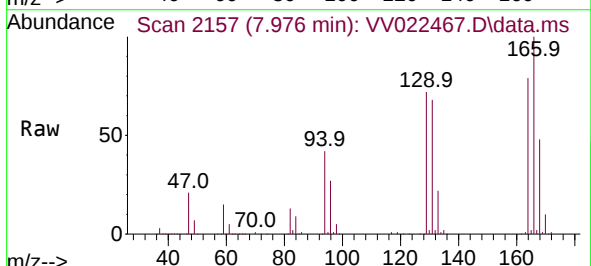
Ion Ratio Lower Upper

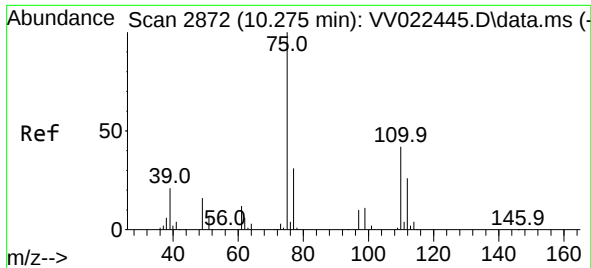
164 100

129 90.7 66.4 123.4

131 86.6 63.6 118.0

166 126.7 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 5.753 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022467.D
 Acq: 01 Oct 2021 05:41

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 MSVOA_V
 ClientSampleId :
 F4A48

Tgt Ion:	75	Resp:	10452
Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.4	38.0
110	0.7	32.6	48.8#

