

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022390.D
 Acq On : 29 Sep 2021 20:08
 Operator : SY/MD
 Sample : M3978-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 05:31:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

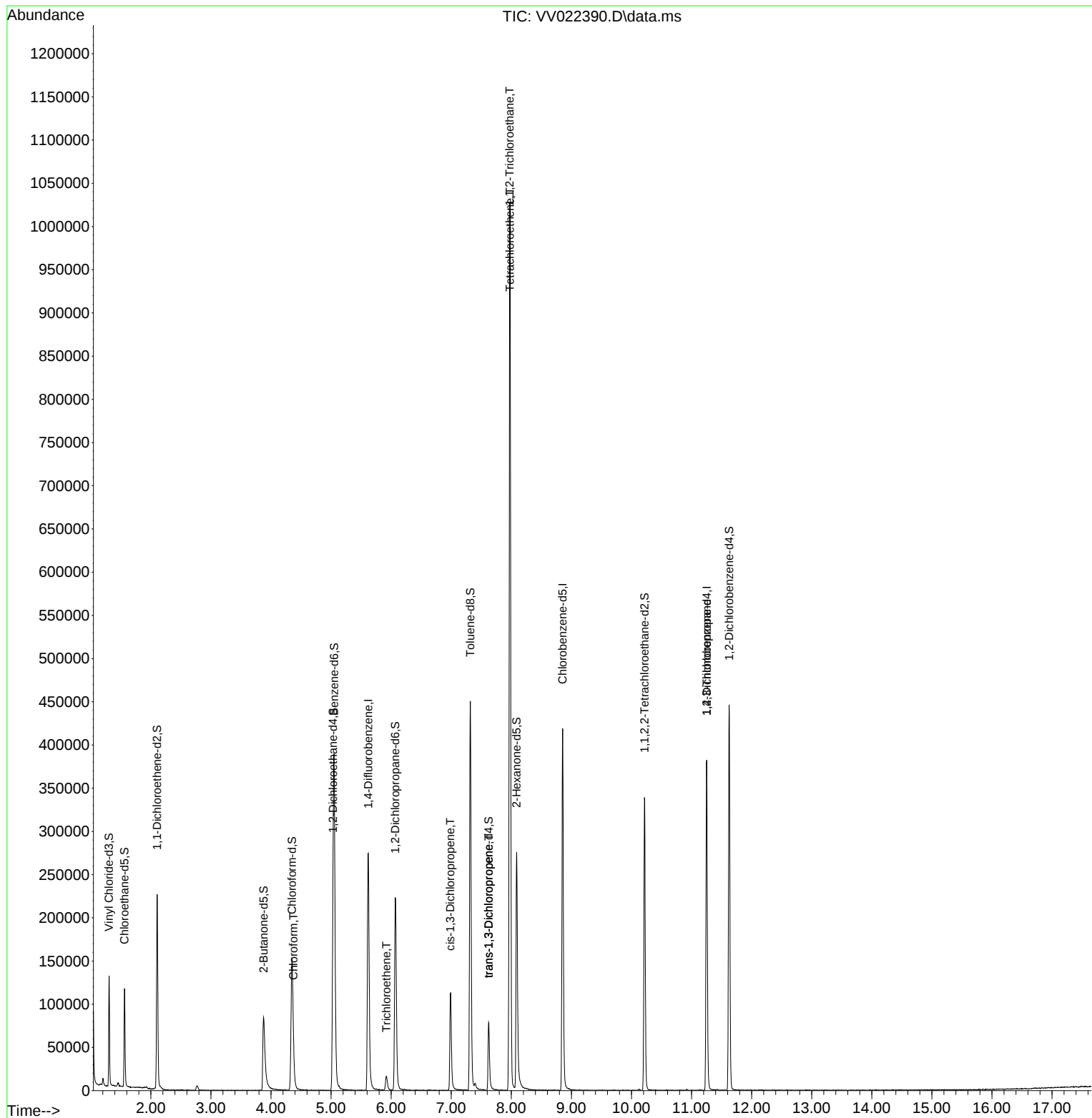
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	248139	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	239940	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	102774	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79628	37.813	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.620%
7) Chloroethane-d5	1.561	69	70783	42.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.104	63	114158	31.180	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.360%
21) 2-Butanone-d5	3.876	46	127372	85.705	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.700%
24) Chloroform-d	4.349	84	159171	41.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.720%
26) 1,2-Dichloroethane-d4	5.030	65	105665	45.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.620%
32) Benzene-d6	5.050	84	344142	45.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
36) 1,2-Dichloropropane-d6	6.069	67	113440	46.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.960%
41) Toluene-d8	7.317	98	304032	44.006	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.020%
43) trans-1,3-Dichloroprop...	7.622	79	45906	41.631	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.260%
47) 2-Hexanone-d5	8.088	63	94656	96.466	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.470%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	160994	45.927	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.860%
66) 1,2-Dichlorobenzene-d4	11.625	152	118725	51.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.900%
Target Compounds						
					Qvalue	
25) Chloroform	4.371	83	12949	3.700	ug/L	94
34) Trichloroethene	5.921	95	5055	2.684	ug/L	96
39) cis-1,3-Dichloropropene	6.985	75	2800	1.012	ug/L #	54
44) trans-1,3-Dichloropropene	7.622	75	1897	0.718	ug/L	89
45) 1,1,2-Trichloroethane	7.972	97	1922	1.005	ug/L #	5
46) Tetrachloroethene	7.976	164	236834	152.749	ug/L	96
61) 1,2,3-Trichloropropane	11.252	75	11218	5.851	ug/L #	64

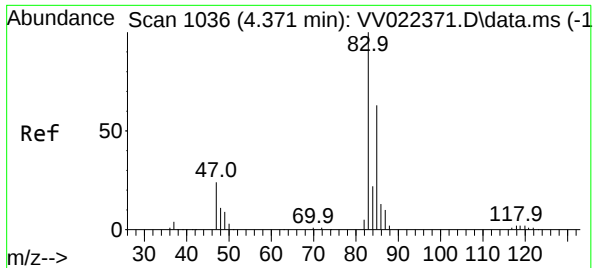
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 30 05:14:53 2021
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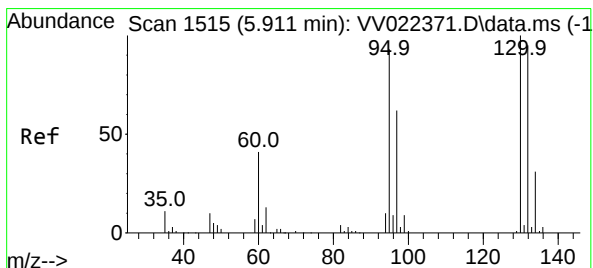
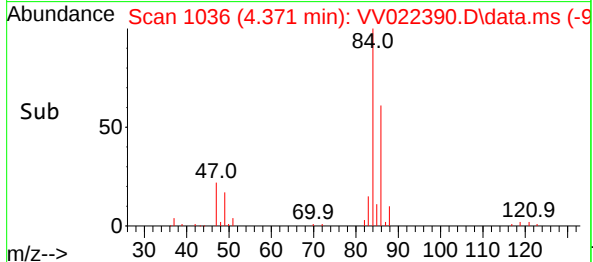
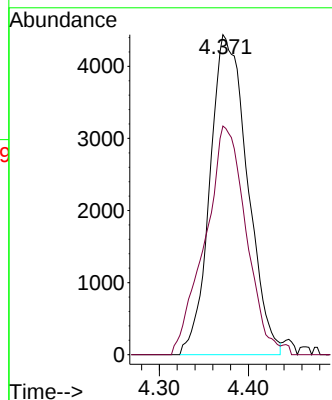
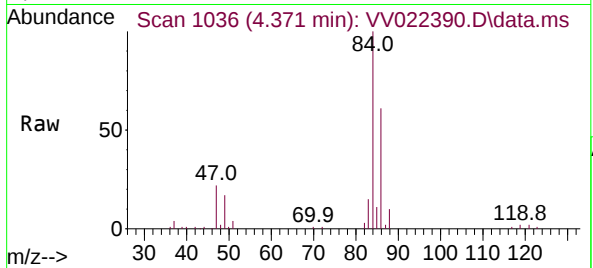




#25
Chloroform
Concen: 3.700 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV022390.D
Acq: 29 Sep 2021 20:08

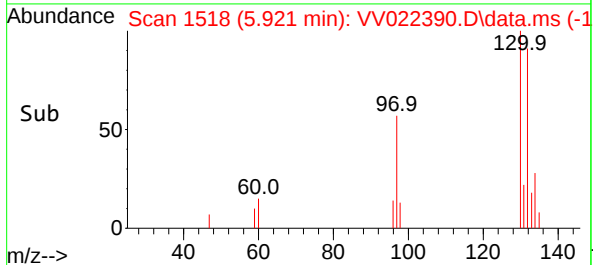
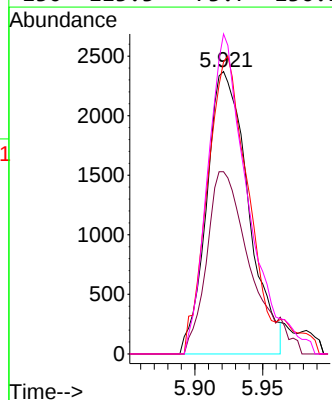
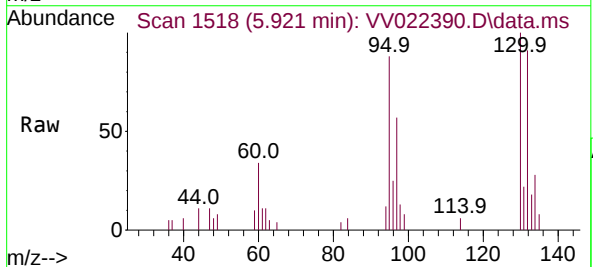
Instrument :
MSVOA_V
ClientSampled :

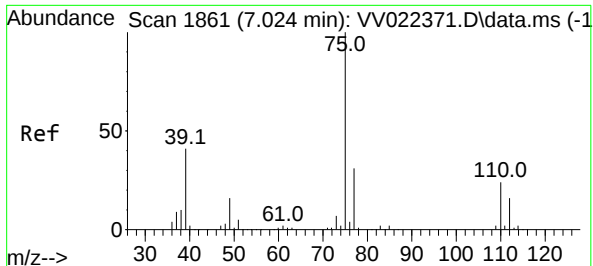
Tgt Ion: 83 Resp: 12949
Ion Ratio Lower Upper
83 100
85 71.5 46.5 86.3



#34
Trichloroethene
Concen: 2.684 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022390.D
Acq: 29 Sep 2021 20:08

Tgt Ion: 95 Resp: 5055
Ion Ratio Lower Upper
95 100
97 64.5 45.2 84.0
132 103.4 71.0 131.8
130 113.3 73.7 136.9



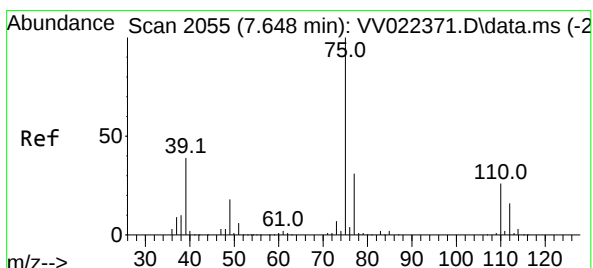
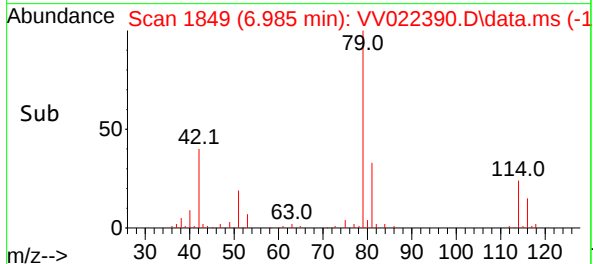
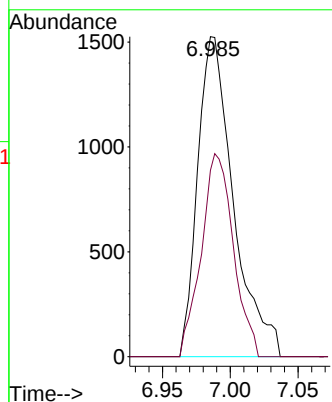
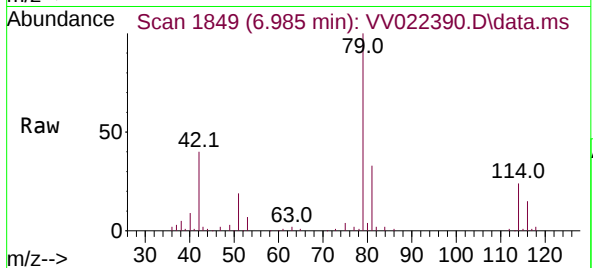


#39

cis-1,3-Dichloropropene
Concen: 1.012 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV022390.D
Acq: 29 Sep 2021 20:08

Instrument :
MSVOA_V
ClientSampled :

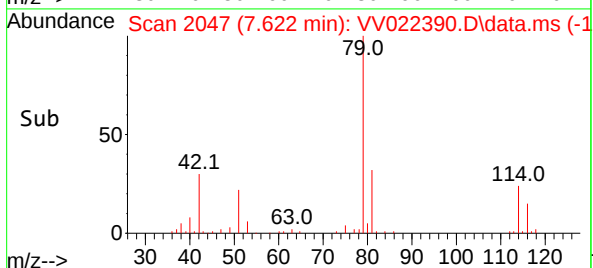
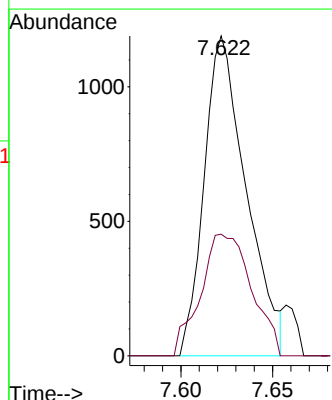
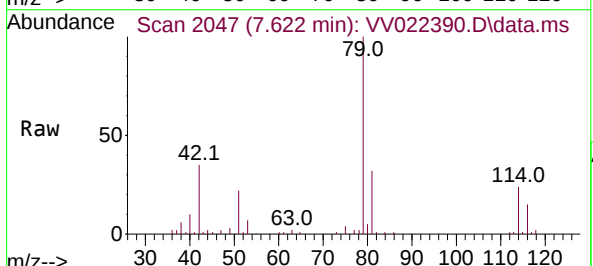
Tgt Ion: 75 Resp: 2800
Ion Ratio Lower Upper
75 100
77 58.3 22.7 42.1#

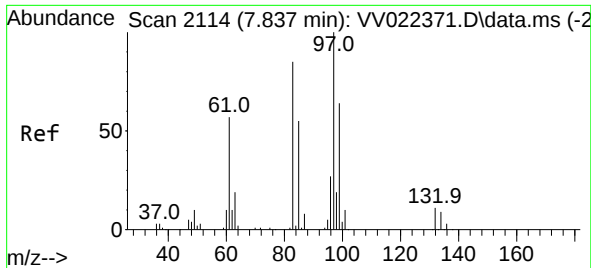


#44

trans-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV022390.D
Acq: 29 Sep 2021 20:08

Tgt Ion: 75 Resp: 1897
Ion Ratio Lower Upper
75 100
77 38.0 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 1.005 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.135 min

Lab File: VV022390.D

Acq: 29 Sep 2021 20:08

Tgt Ion: 97 Resp: 1922

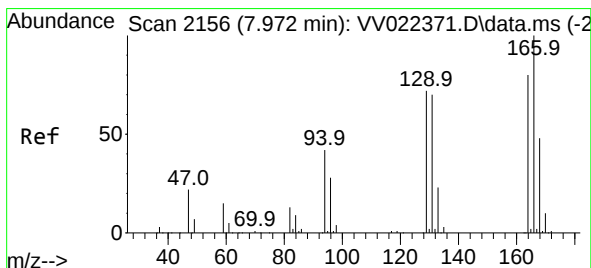
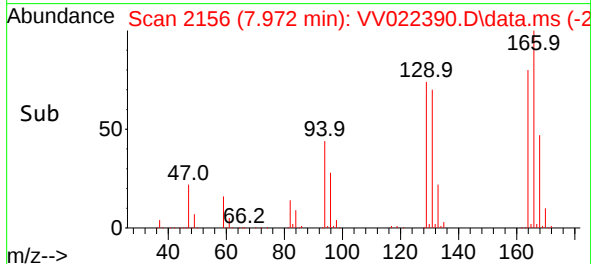
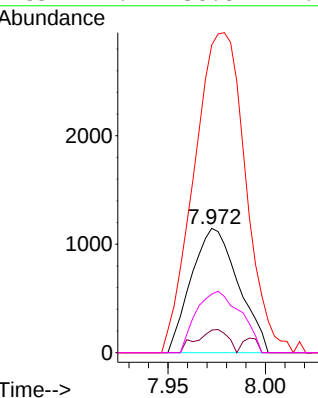
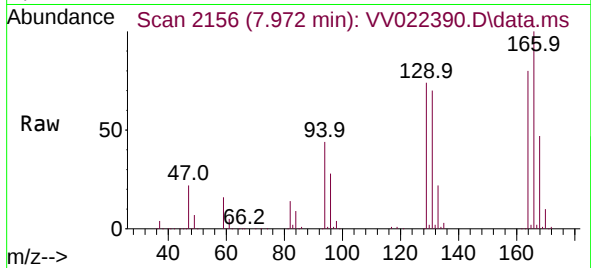
Ion Ratio Lower Upper

97 100

99 18.2 44.6 82.8#

83 247.6 59.8 111.1#

85 47.1 38.8 72.0



#46

Tetrachloroethene

Concen: 152.749 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022390.D

Acq: 29 Sep 2021 20:08

Tgt Ion:164 Resp: 236834

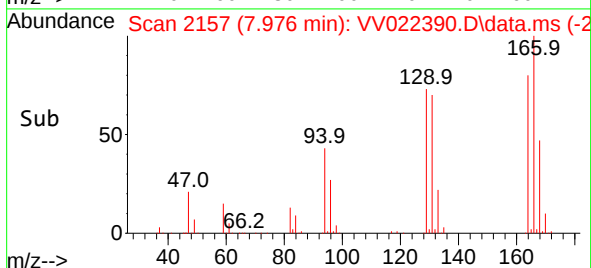
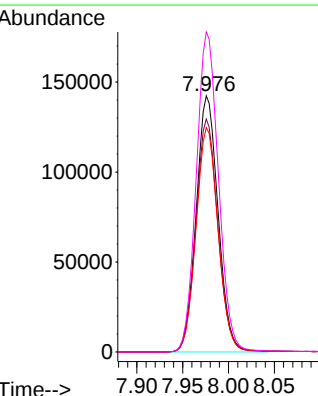
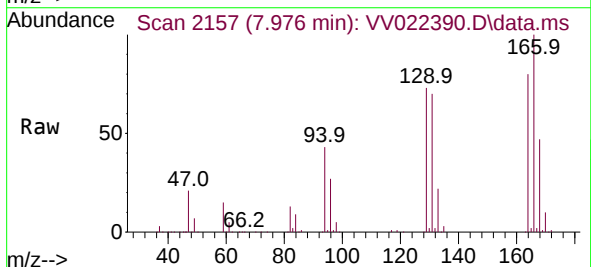
Ion Ratio Lower Upper

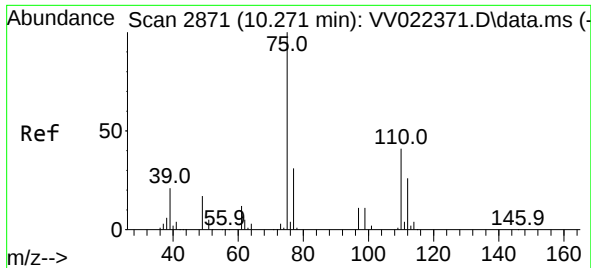
164 100

129 91.0 66.4 123.4

131 87.6 63.6 118.0

166 124.9 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 5.851 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.981 min
 Lab File: VV022390.D
 Acq: 29 Sep 2021 20:08

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 11218
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.0
 110 2.7 32.6 48.8#

