

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110122\
 Data File : VV028808.D
 Acq On : 01 Nov 2022 12:02
 Operator : SY/MD
 Sample : N5321-05DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 05:11:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

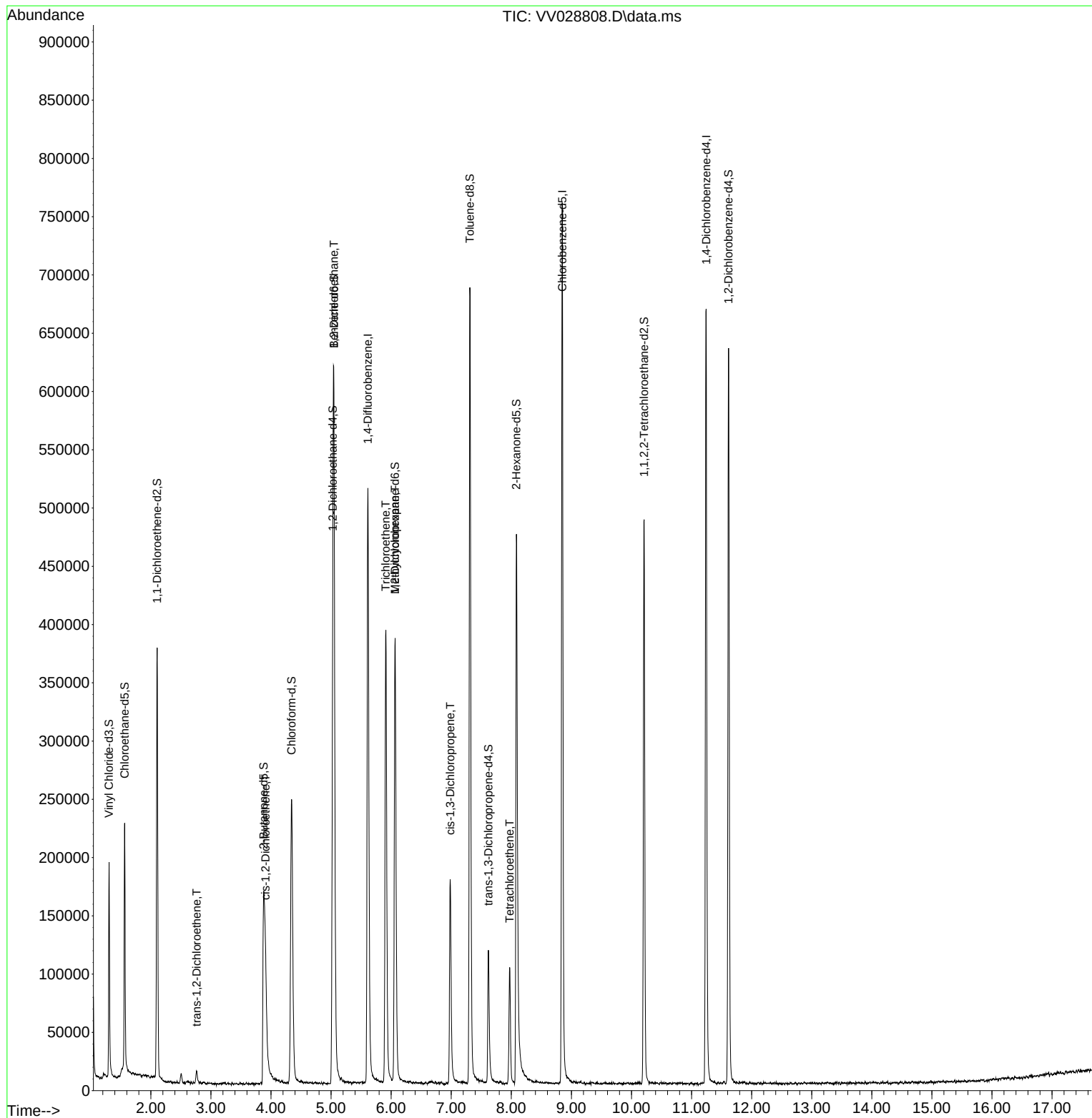
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	407456	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	371330	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	158569	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	126817	32.832	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.660%		
7) Chloroethane-d5	1.564	69	131382	39.789	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.580%		
11) 1,1-Dichloroethene-d2	2.105	63	206191	28.063	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.120%#		
21) 2-Butanone-d5	3.876	46	280829	99.878	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.880%		
24) Chloroform-d	4.343	84	248456	42.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.300%		
26) 1,2-Dichloroethane-d4	5.027	65	175449	45.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
32) Benzene-d6	5.047	84	511488	44.124	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.240%		
36) 1,2-Dichloropropane-d6	6.066	67	182578	45.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.760%		
41) Toluene-d8	7.310	98	433186	42.508	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.020%		
43) trans-1,3-Dichloroprop...	7.619	79	64629	42.283	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.560%		
47) 2-Hexanone-d5	8.085	63	170237	94.656	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.660%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	236898	45.142	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.280%		
66) 1,2-Dichlorobenzene-d4	11.616	152	145125	46.366	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.740%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.761	96	3967	1.350	ug/L	96
20) cis-1,2-Dichloroethene	3.908	96	29589	9.123	ug/L #	99
27) 1,2-Dichloroethane	5.047	62	3885	0.800	ug/L	98
34) Trichloroethene	5.908	95	134178	43.890	ug/L	97
35) Methylcyclohexane	6.066	83	40024	7.381	ug/L #	16
39) cis-1,3-Dichloropropene	6.982	75	4583	0.928	ug/L #	51
46) Tetrachloroethene	7.973	164	20046	9.461	ug/L	95

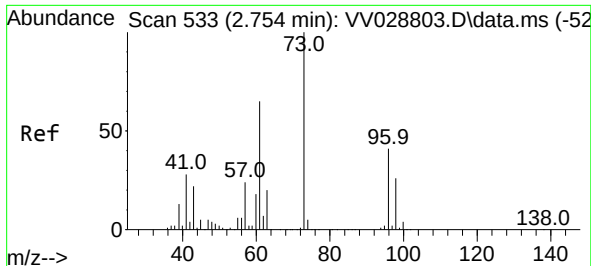
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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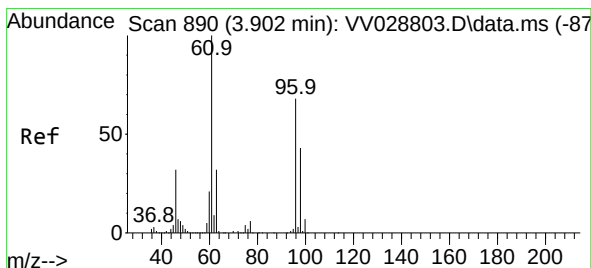
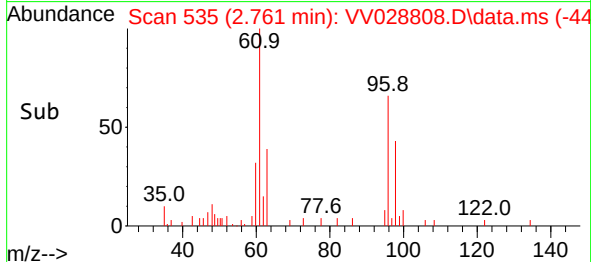
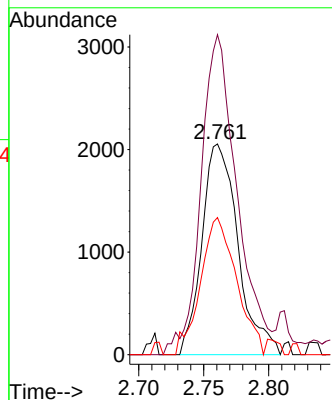
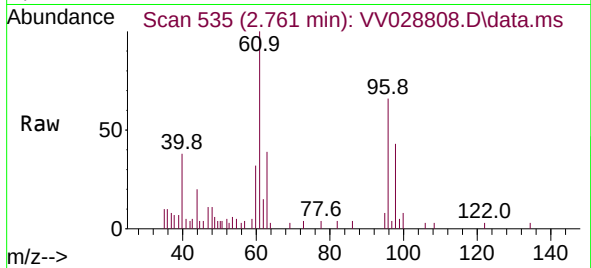




#17
trans-1,2-Dichloroethene
Concen: 1.350 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028808.D
Acq: 01 Nov 2022 12:02

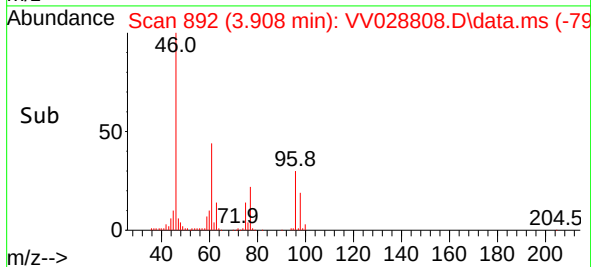
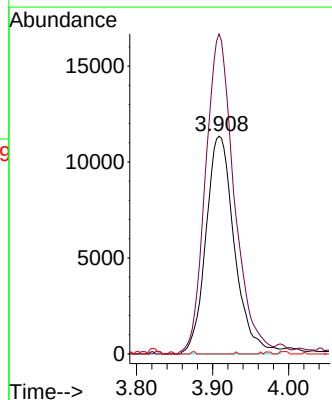
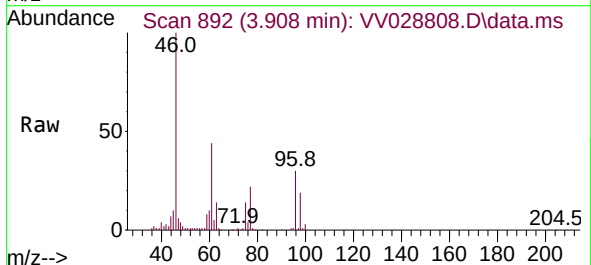
Instrument :
MSVOA_V
ClientSampleId :

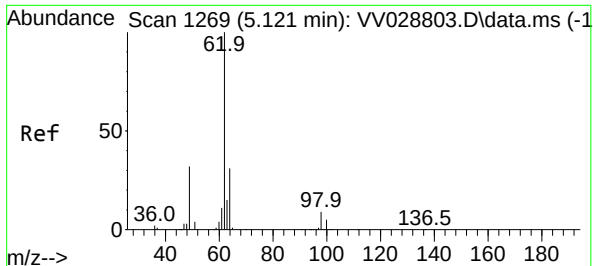
Tgt Ion: 96 Resp: 3967
Ion Ratio Lower Upper
96 100
61 151.8 109.4 203.2
98 65.0 43.3 80.5



#20
cis-1,2-Dichloroethene
Concen: 9.123 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV028808.D
Acq: 01 Nov 2022 12:02

Tgt Ion: 96 Resp: 29589
Ion Ratio Lower Upper
96 100
61 147.0 102.3 190.1
68 0.0 0.1 0.3#





#27

1,2-Dichloroethane

Concen: 0.800 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV028808.D

Acq: 01 Nov 2022 12:02

Instrument :

MSVOA_V

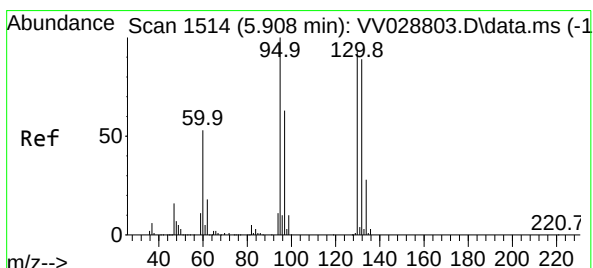
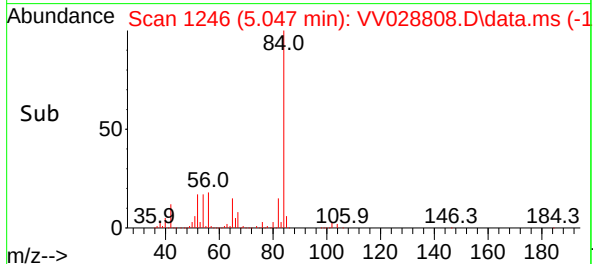
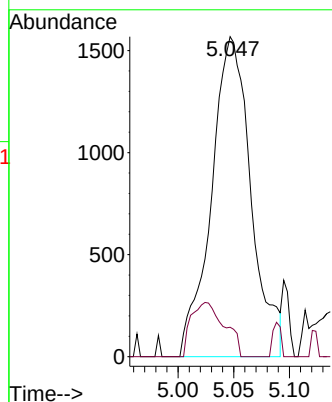
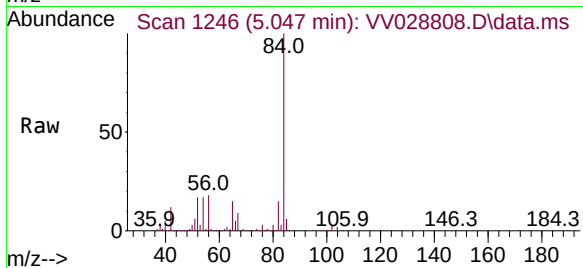
ClientSampleId :

Tgt Ion: 62 Resp: 3885

Ion Ratio Lower Upper

62 100

98 9.2 6.9 10.3



#34

Trichloroethene

Concen: 43.890 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VV028808.D

Acq: 01 Nov 2022 12:02

Tgt Ion: 95 Resp: 134178

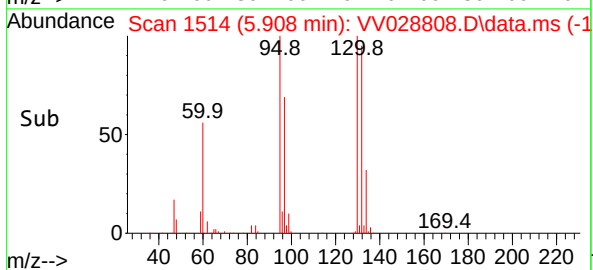
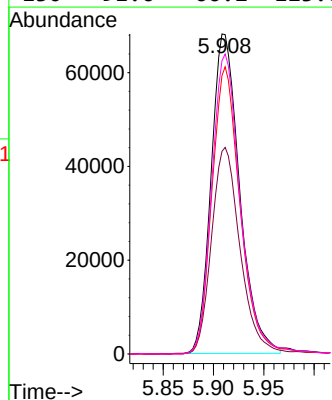
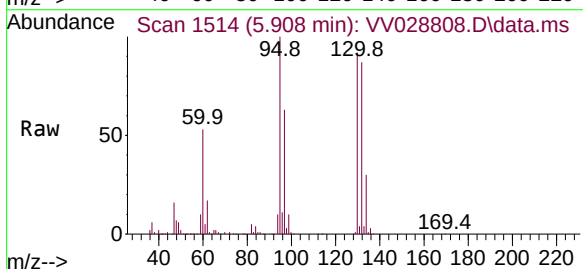
Ion Ratio Lower Upper

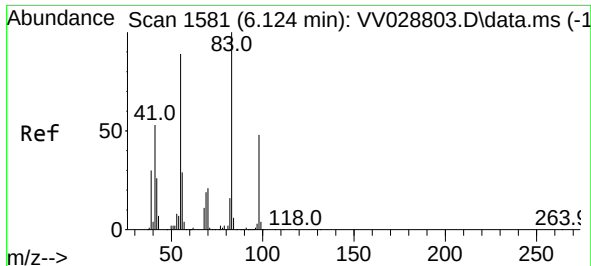
95 100

97 63.3 46.2 85.8

132 86.9 63.2 117.4

130 91.6 66.2 123.0





#35

Methylcyclohexane

Concen: 7.381 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV028808.D

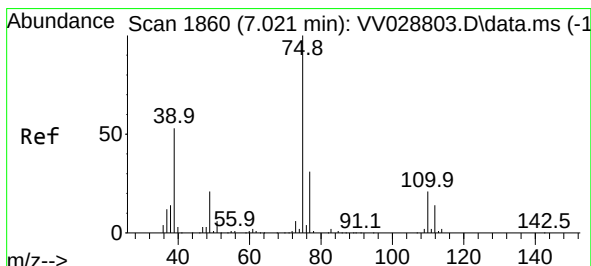
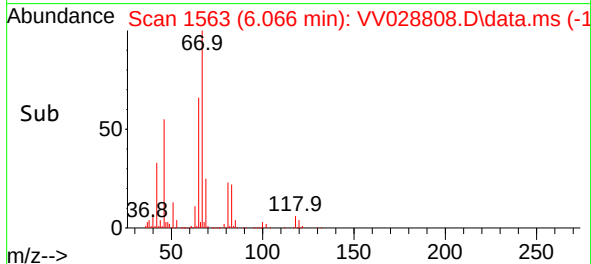
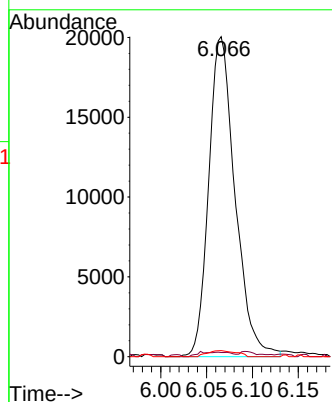
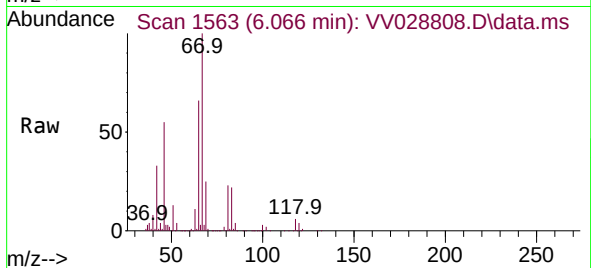
Acq: 01 Nov 2022 12:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 40024
Ion Ratio	Lower Upper
83 100	
55 0.5	69.4 104.2#
98 2.1	37.0 55.4#



#39

cis-1,3-Dichloropropene

Concen: 0.928 ug/L

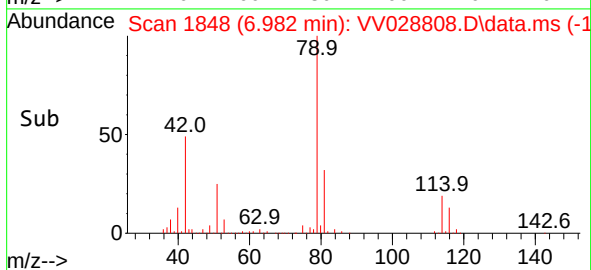
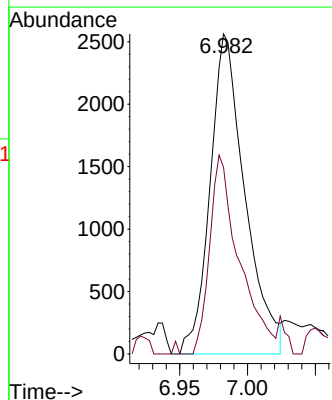
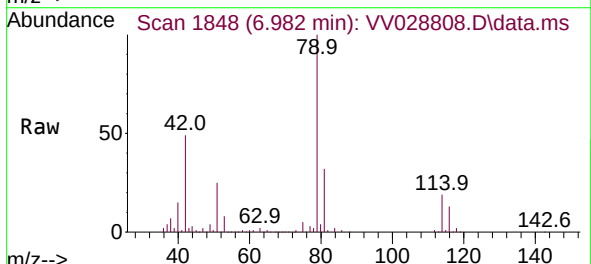
RT: 6.982 min Scan# 1848

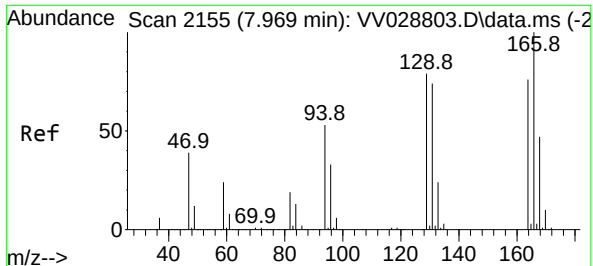
Delta R.T. -0.039 min

Lab File: VV028808.D

Acq: 01 Nov 2022 12:02

Tgt Ion: 75	Resp: 4583
Ion Ratio	Lower Upper
75 100	
77 58.3	21.8 40.4#





#46

Tetrachloroethene

Concen: 9.461 ug/L

RT: 7.973 min Scan# 21

Delta R.T. 0.003 min

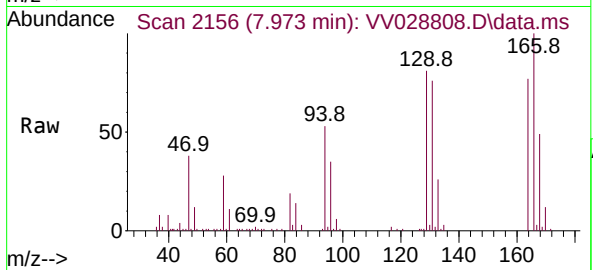
Lab File: VV028808.D

Acq: 01 Nov 2022 12:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 20046

Ion Ratio Lower Upper

164 100

129 105.6 69.5 129.1

131 98.8 66.4 123.2

166 130.3 88.5 164.3

