

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083123\
 Data File : VV031967.D
 Acq On : 31 Aug 2023 17:27
 Operator : SY/MD
 Sample : 04235-09
 Misc : 5.84g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:11:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 01 00:57:38 2023
 Response via : Initial Calibration

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

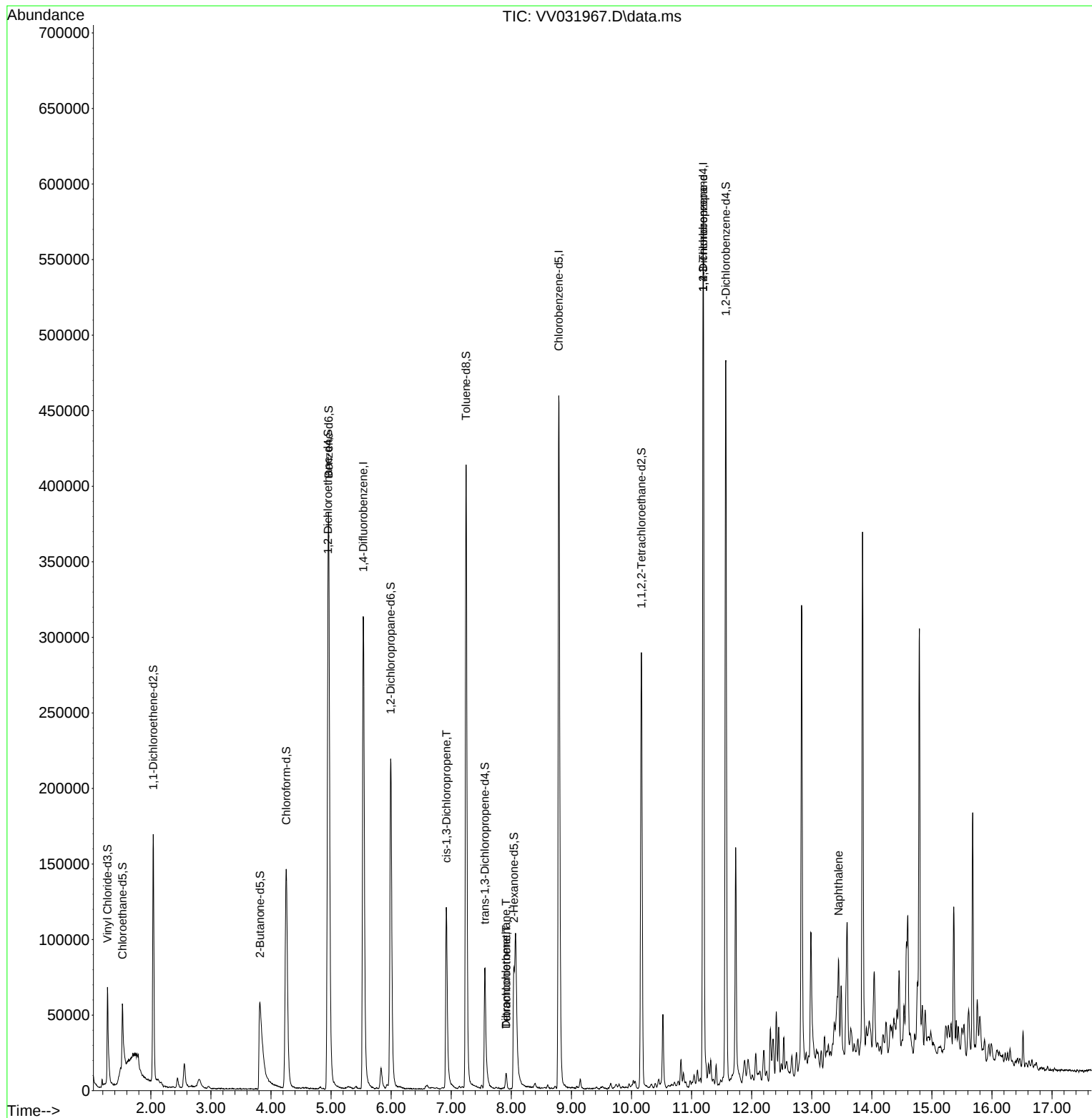
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	286279	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	277234	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	145525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56977	31.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.600%
7) Chloroethane-d5	1.526	69	38740	24.666	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.340%#
11) 1,1-Dichloroethene-d2	2.040	65	28373	33.820	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.640%
21) 2-Butanone-d5	3.815	46	139094	98.710	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.710%
24) Chloroform-d	4.253	84	164597	42.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.060%
26) 1,2-Dichloroethane-d4	4.947	65	112859	43.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
32) Benzene-d6	4.960	84	323145	42.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	5.992	67	117763	48.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	7.246	98	284225	40.776	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.560%
43) trans-1,3-Dichloroprop...	7.558	79	54313	43.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.080%
47) 2-Hexanone-d5	8.043	63	22744	30.476	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	30.480%#
56) 1,1,2,2-Tetrachloroeth...	10.165	84	165600	52.631	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.260%
66) 1,2-Dichlorobenzene-d4	11.571	152	118200	44.556	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.120%
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	6.918	75	3237	0.882	ug/L #	58
46) Tetrachloroethene	7.915	164	2425	1.695	ug/L	88
49) Dibromochloromethane	7.912	129	2230	1.017	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	19373	7.046	ug/L #	66
71) Naphthalene	13.448	128	33056	3.385	ug/L	96

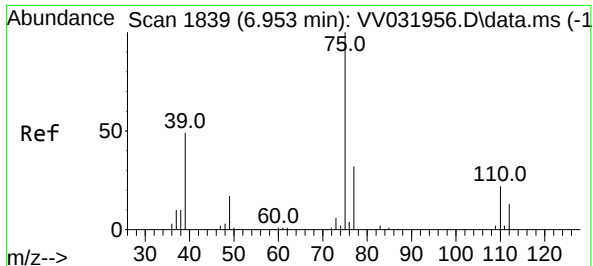
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 01 00:57:38 2023
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 0.882 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV031967.D

Acq: 31 Aug 2023 17:27

Instrument :

MSVOA_V

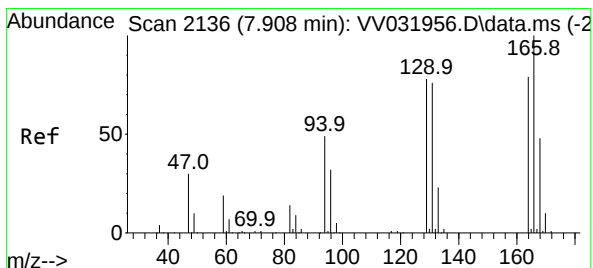
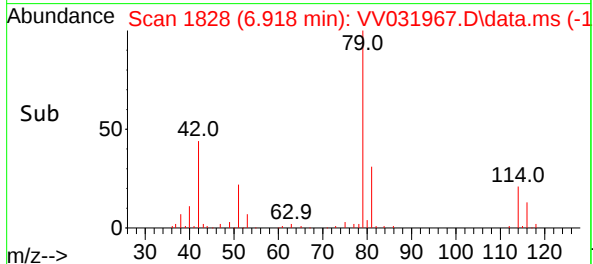
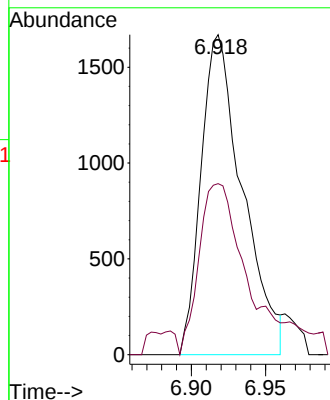
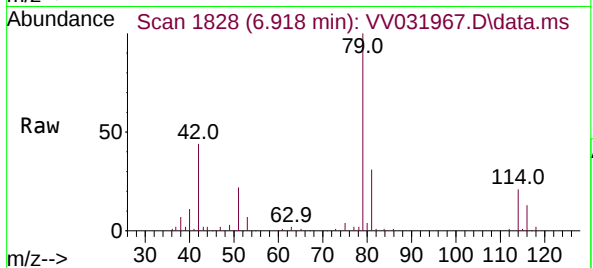
ClientSampleId :

Tgt Ion: 75 Resp: 3237

Ion Ratio Lower Upper

75 100

77 53.5 21.4 39.8#



#46

Tetrachloroethene

Concen: 1.695 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.007 min

Lab File: VV031967.D

Acq: 31 Aug 2023 17:27

Tgt Ion: 164 Resp: 2425

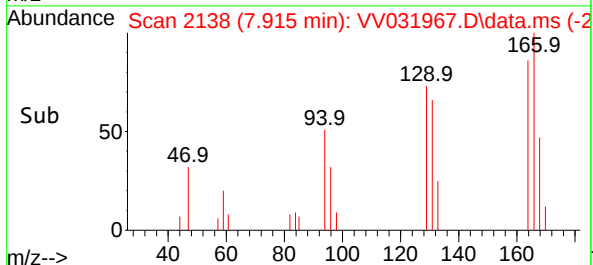
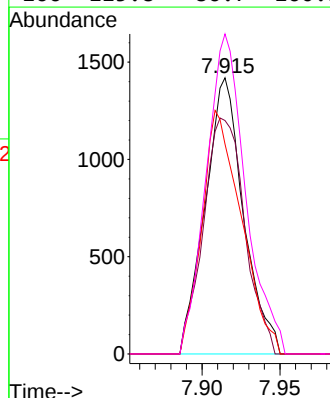
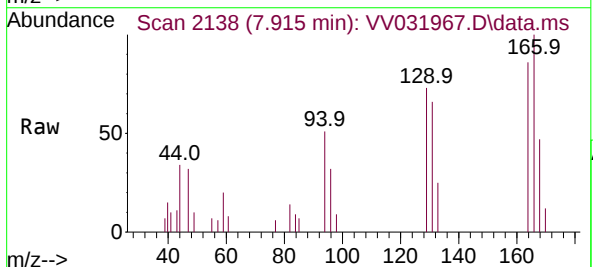
Ion Ratio Lower Upper

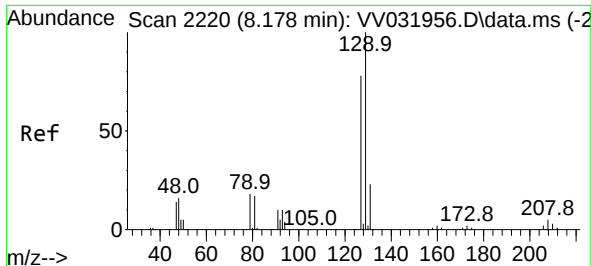
164 100

129 84.5 68.3 126.9

131 76.0 64.9 120.5

166 115.8 86.7 160.9





#49

Dibromochloromethane

Concen: 1.017 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.267 min

Lab File: VV031967.D

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Instrument :

MSVOA_V

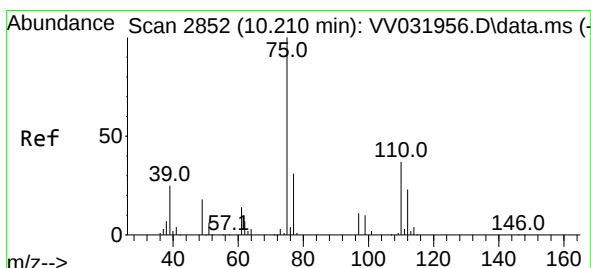
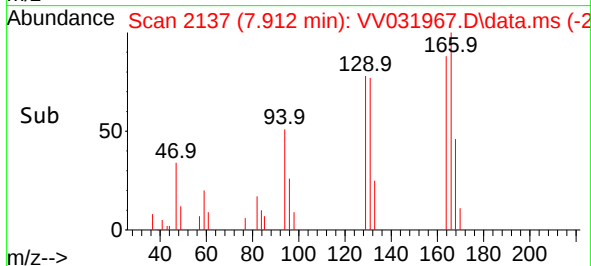
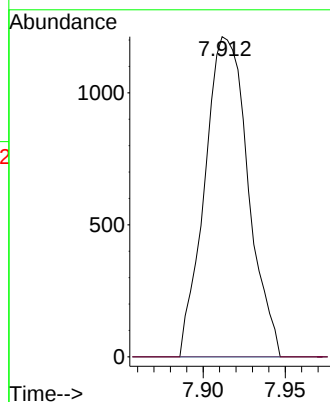
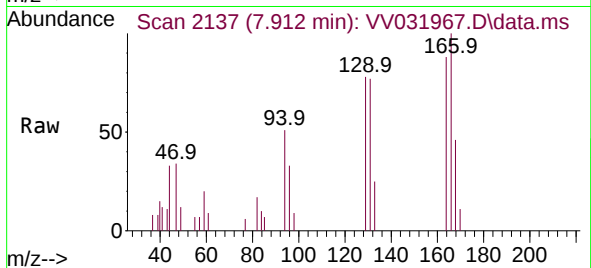
ClientSampleId :

Tgt Ion:129 Resp: 2230

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 7.046 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.984 min

Lab File: VV031967.D

Acq: 31 Aug 2023 17:27

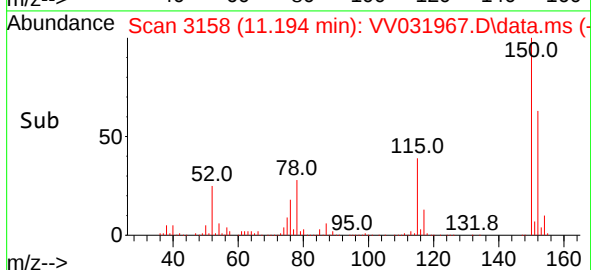
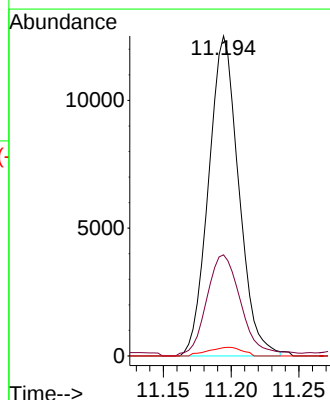
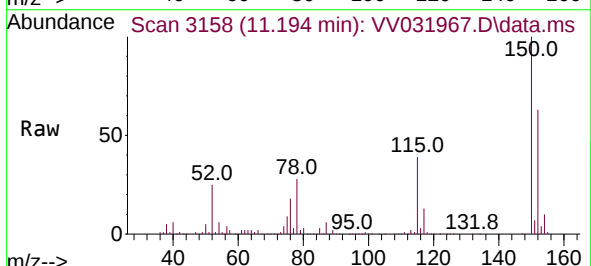
Tgt Ion: 75 Resp: 19373

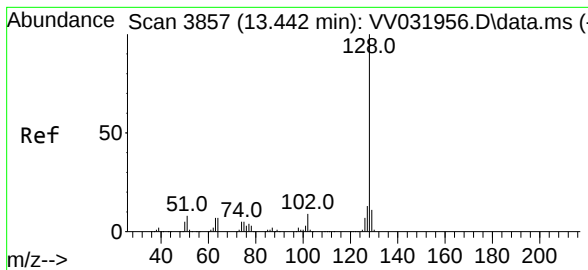
Ion Ratio Lower Upper

75 100

77 35.7 25.7 38.5

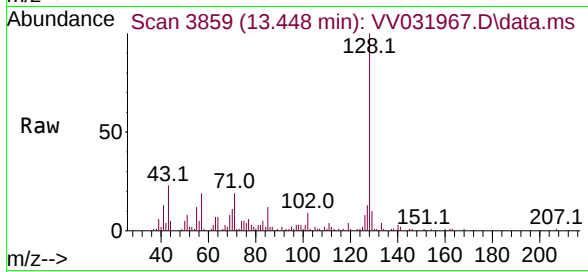
110 3.1 30.3 45.5#





#71
Naphthalene
Concen: 3.385 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.007 min
Lab File: VV031967.D
Acq: 31 Aug 2023 17:27

Instrument : MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	33056
Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.4	15.6
129	12.1	8.7	13.1

