

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083123\
 Data File : VV031969.D
 Acq On : 31 Aug 2023 18:14
 Operator : SY/MD
 Sample : 04235-11
 Misc : 5.15g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:12:04 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)

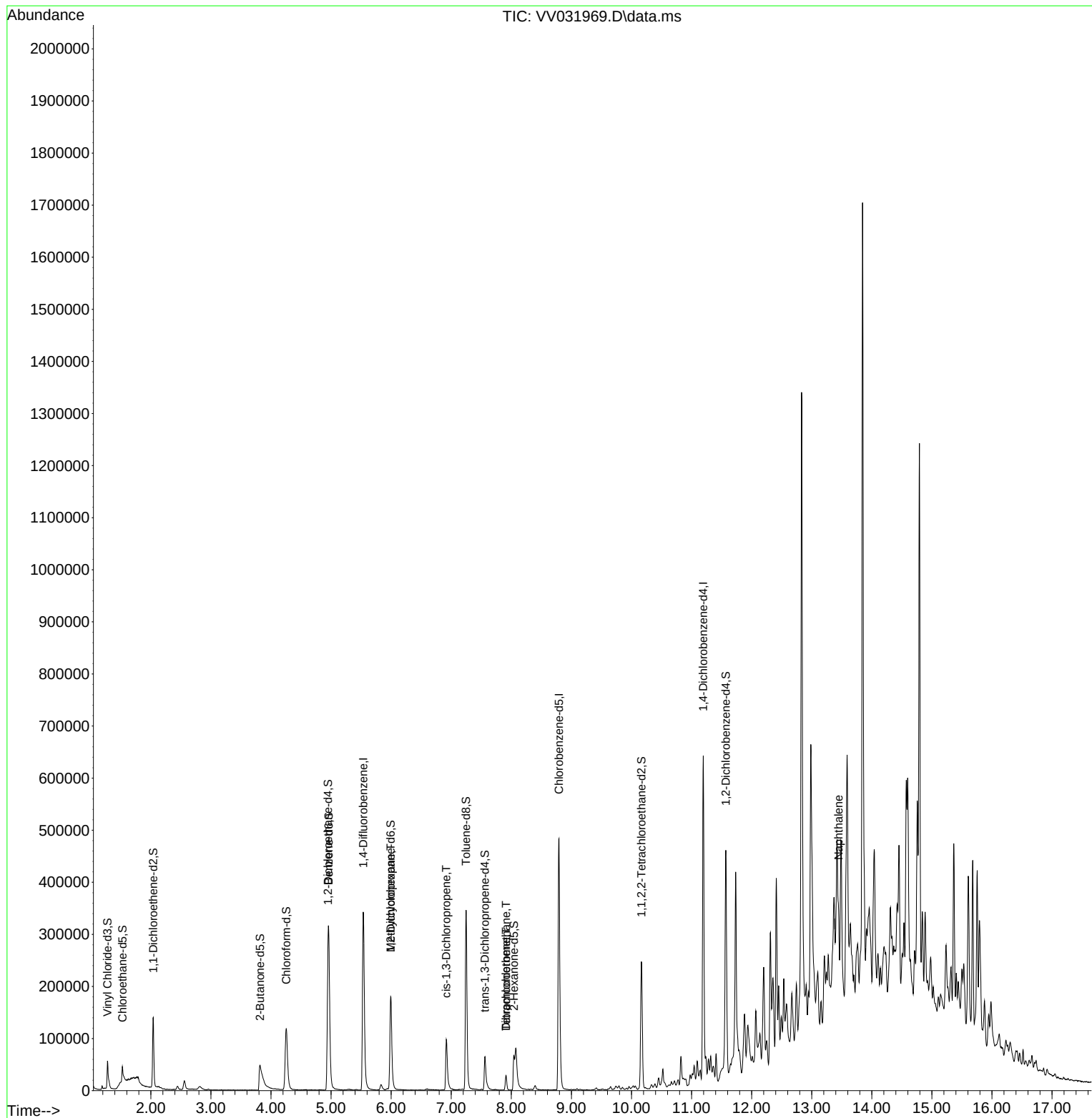
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	311008	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	303483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	158120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48502	24.919	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	49.840%#
7) Chloroethane-d5	1.526	69	29890	17.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	35.040%#
11) 1,1-Dichloroethene-d2	2.040	65	23971	26.301	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.600%#
21) 2-Butanone-d5	3.815	46	113526	74.159	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.160%
24) Chloroform-d	4.256	84	138062	32.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.900%#
26) 1,2-Dichloroethane-d4	4.947	65	94289	33.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.800%#
32) Benzene-d6	4.960	84	267714	32.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.660%#
36) 1,2-Dichloropropane-d6	5.992	67	97827	36.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.400%
41) Toluene-d8	7.246	98	236968	31.056	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.120%#
43) trans-1,3-Dichloroprop...	7.561	79	44898	32.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.000%
47) 2-Hexanone-d5	8.043	63	22970	28.117	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	28.120%#
56) 1,1,2,2-Tetrachloroeth...	10.165	84	139602	40.531	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.060%
66) 1,2-Dichlorobenzene-d4	11.570	152	100134	34.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.480%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.992	83	22161	6.681	ug/L #	19
39) cis-1,3-Dichloropropene	6.915	75	2860	0.712	ug/L #	67
46) Tetrachloroethene	7.911	164	6308	4.028	ug/L	97
49) Dibromochloromethane	7.911	129	5458	2.275	ug/L #	10
71) Naphthalene	13.445	128	43670	4.115	ug/L #	94

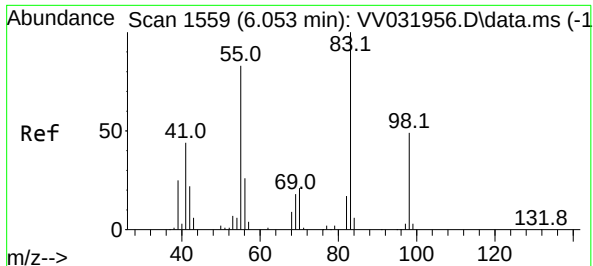
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#35

Methylcyclohexane

Concen: 6.681 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV031969.D

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Instrument :

MSVOA_V

ClientSampleId :

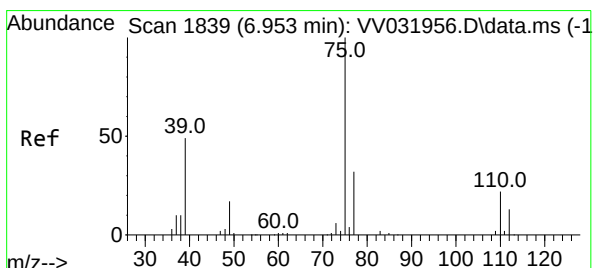
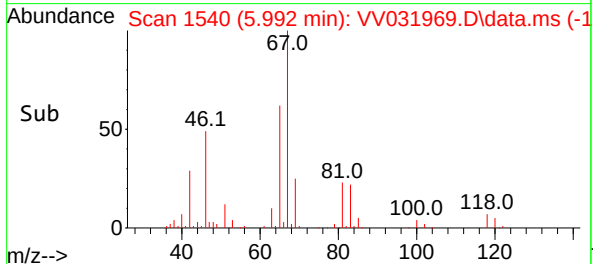
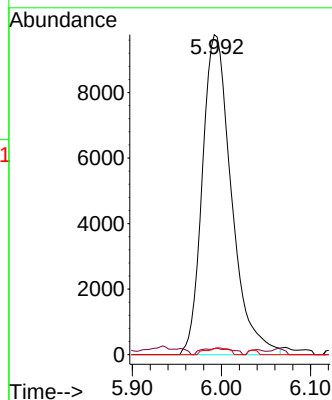
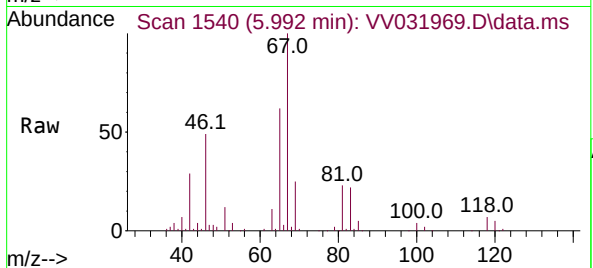
Tgt Ion: 83 Resp: 22161

Ion Ratio Lower Upper

83 100

55 1.1 62.2 93.2#

98 1.2 36.7 55.1#



#39

cis-1,3-Dichloropropene

Concen: 0.712 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.038 min

Lab File: VV031969.D

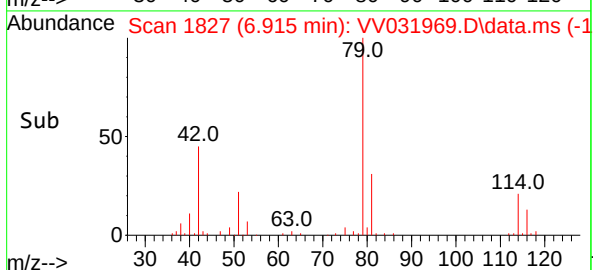
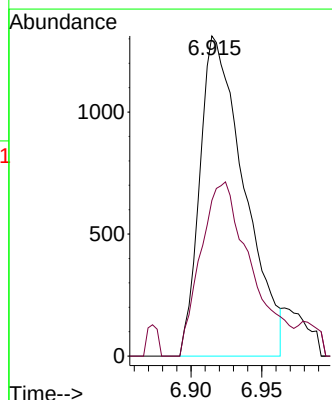
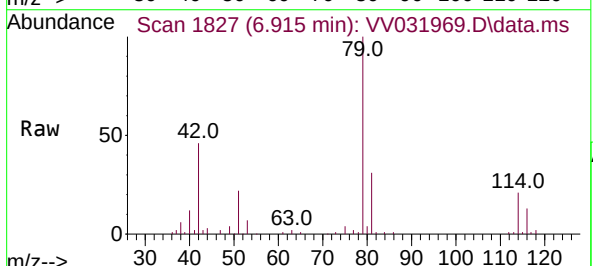
Acq: 31 Aug 2023 18:14

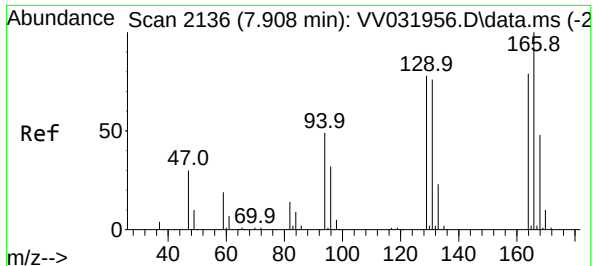
Tgt Ion: 75 Resp: 2860

Ion Ratio Lower Upper

75 100

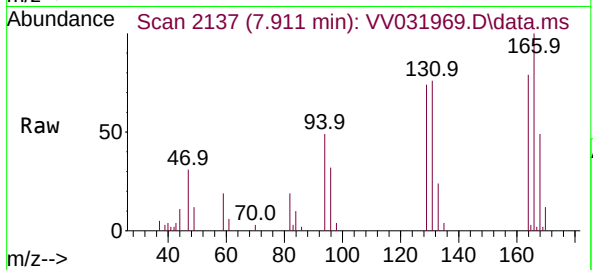
77 48.6 21.4 39.8#





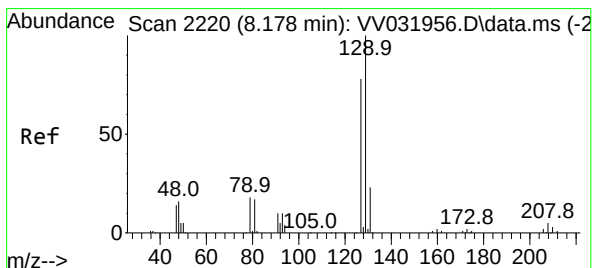
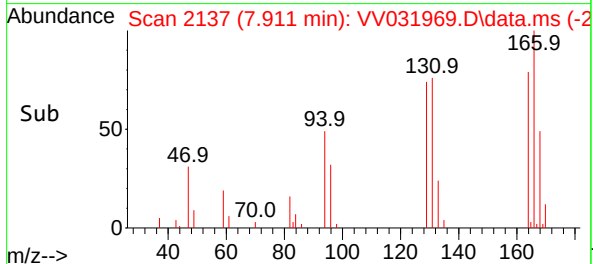
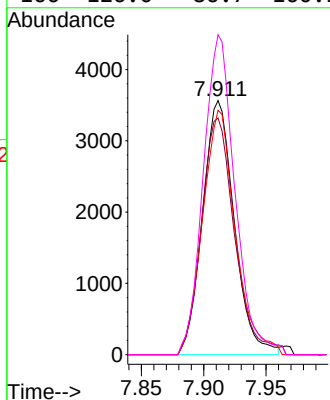
#46
Tetrachloroethene
Concen: 4.028 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031969.D
Acq: 31 Aug 2023 18:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 6308

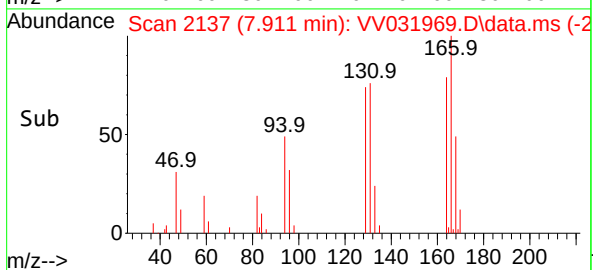
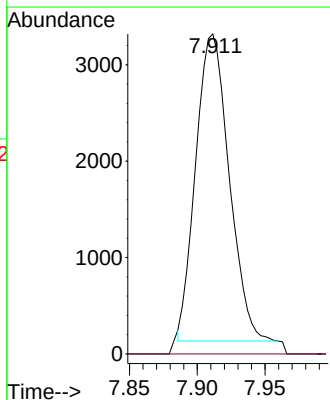
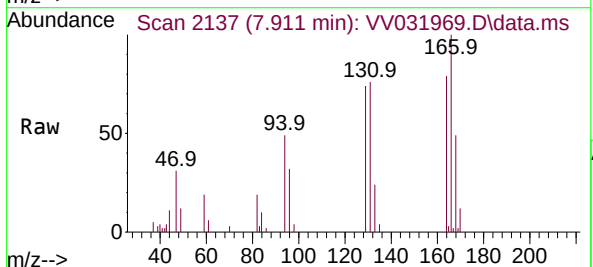
Ion	Ratio	Lower	Upper
164	100		
129	93.2	68.3	126.9
131	96.2	64.9	120.5
166	126.0	86.7	160.9

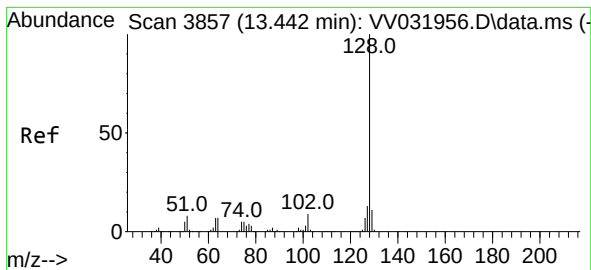


#49
Dibromochloromethane
Concen: 2.275 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.267 min
Lab File: VV031969.D
Acq: 31 Aug 2023 18:14

Tgt Ion:129 Resp: 5458

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#71

Naphthalene

Concen: 4.115 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.003 min

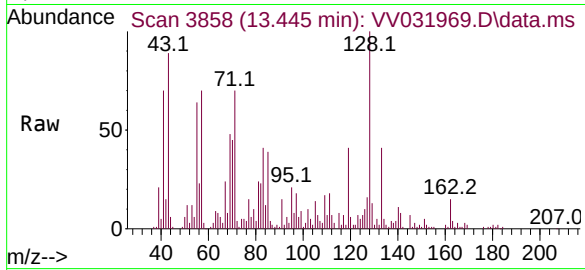
Lab File: VV031969.D

Acq: 31 Aug 2023 18:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	128	Resp:	43670
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.4	15.6
129	15.2	8.7	13.1#

