

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052623\
 Data File : VW031246.D
 Acq On : 26 May 2023 10:43
 Operator : SY/MD
 Sample : 02917-02ME
 Misc : 5.15g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 00:52:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 27 00:51:17 2023
 Response via : Initial Calibration

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

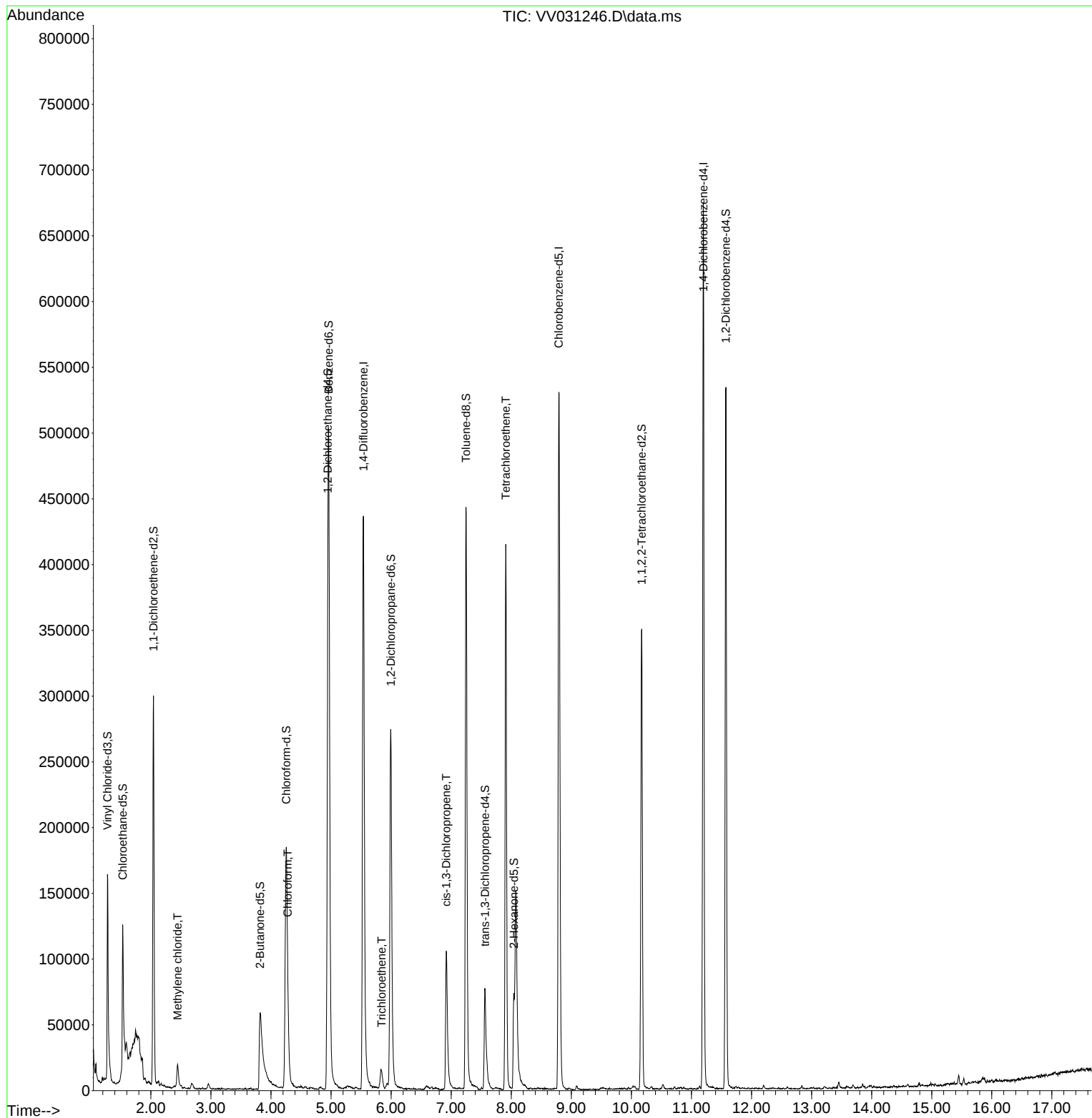
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	381982	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	326908	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.198	152	168646	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121720	37.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.580%
7) Chloroethane-d5	1.532	69	94654	37.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.280%
11) 1,1-Dichloroethene-d2	2.044	65	51948	33.934	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.860%
21) 2-Butanone-d5	3.819	46	145090	83.410	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.410%
24) Chloroform-d	4.253	84	211097	36.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.100%
26) 1,2-Dichloroethane-d4	4.947	65	157314	40.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.620%
32) Benzene-d6	4.960	84	419338	47.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
36) 1,2-Dichloropropane-d6	5.995	67	151171	57.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.020%
41) Toluene-d8	7.246	98	314925	38.075	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.140%#
43) trans-1,3-Dichloroprop...	7.564	79	58794	44.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.380%
47) 2-Hexanone-d5	8.043	63	17075	16.516	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	16.520%#
56) 1,1,2,2-Tetrachloroeth...	10.172	84	185763	46.708	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.420%
66) 1,2-Dichlorobenzene-d4	11.574	152	132179	43.615	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.240%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.446	84	6756	2.860	ug/L	93
25) Chloroform	4.278	83	23686	4.743	ug/L	91
34) Trichloroethene	5.844	95	1714	0.817	ug/L	84
39) cis-1,3-Dichloropropene	6.918	75	3334	1.003	ug/L #	76
46) Tetrachloroethene	7.908	164	90929	50.462	ug/L	94

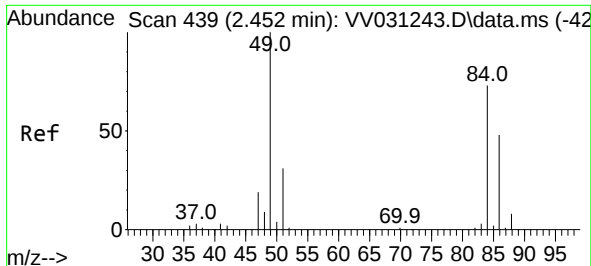
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 27 00:51:17 2023
Response via : Initial Calibration

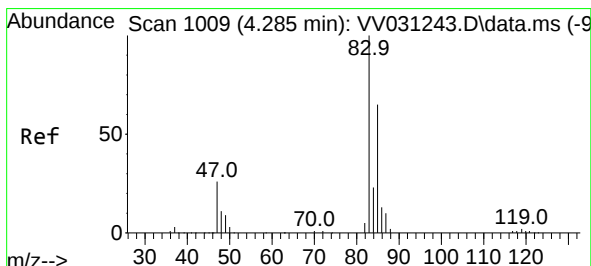
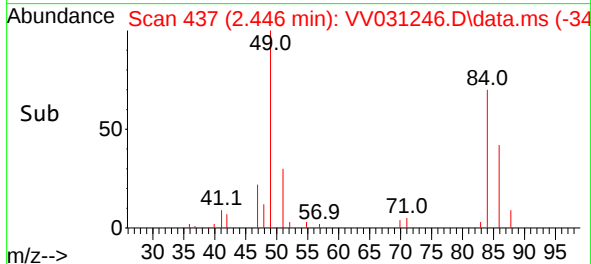
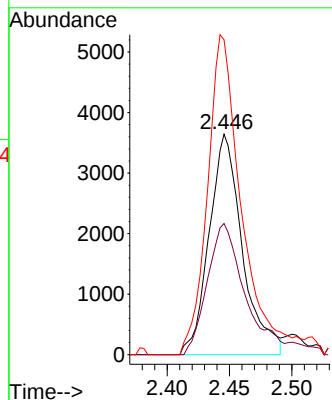
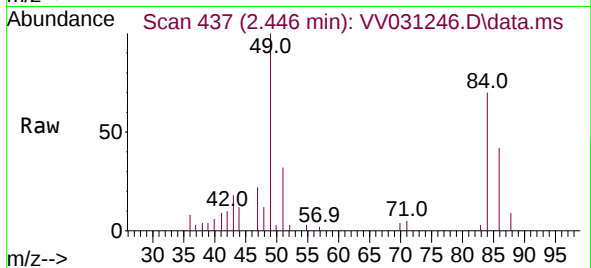




#16
Methylene chloride
Concen: 2.860 ug/L
RT: 2.446 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV031246.D
Acq: 26 May 2023 10:43

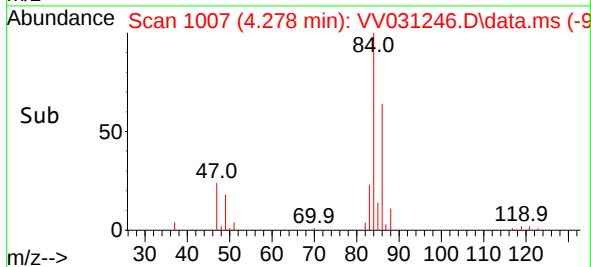
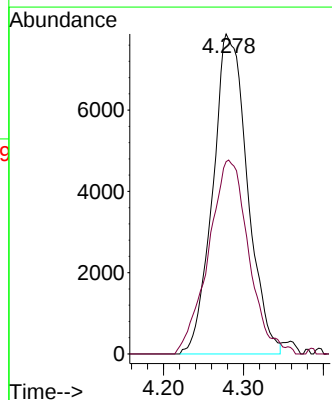
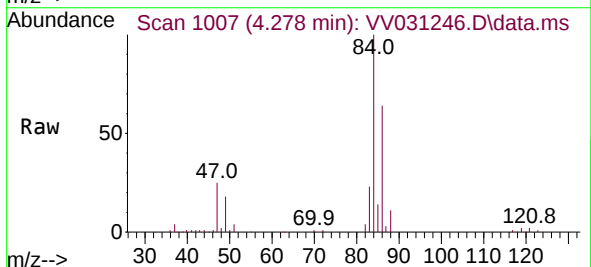
Instrument :
MSVOA_V
ClientSampleId :

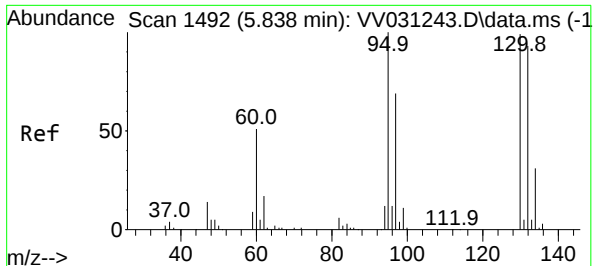
Tgt Ion: 84 Resp: 6756
Ion Ratio Lower Upper
84 100
86 59.5 43.3 80.3
49 143.0 92.6 172.0



#25
Chloroform
Concen: 4.743 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.006 min
Lab File: VV031246.D
Acq: 26 May 2023 10:43

Tgt Ion: 83 Resp: 23686
Ion Ratio Lower Upper
83 100
85 60.1 47.3 87.9





#34

Trichloroethene

Concen: 0.817 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV031246.D

Acq: 26 May 2023 10:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1714

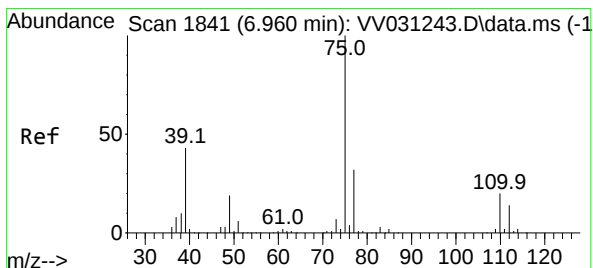
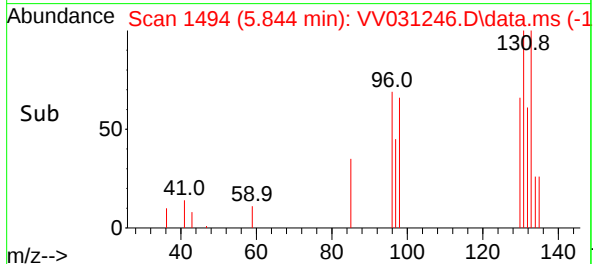
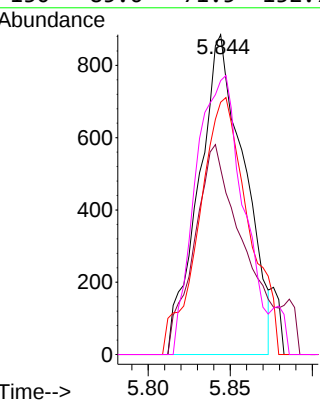
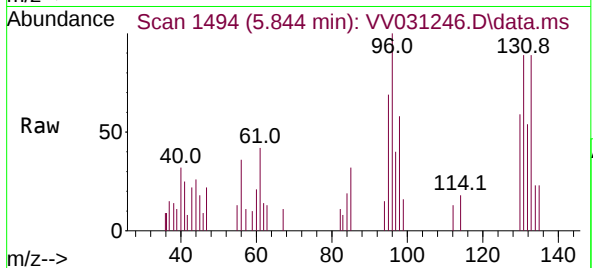
Ion Ratio Lower Upper

95 100

97 58.0 44.4 82.5

132 78.9 70.2 130.4

130 85.6 71.5 132.7



#39

cis-1,3-Dichloropropene

Concen: 1.003 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV031246.D

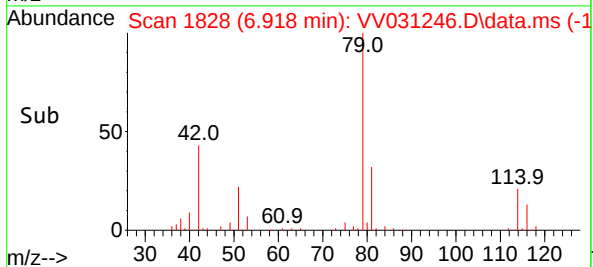
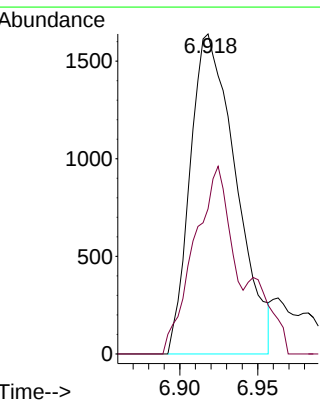
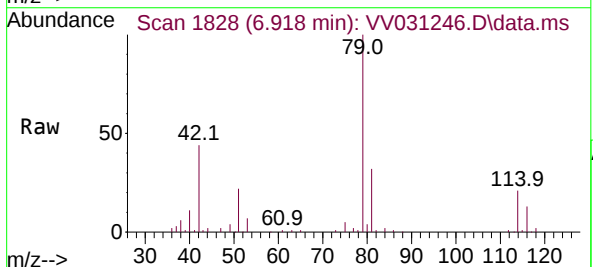
Acq: 26 May 2023 10:43

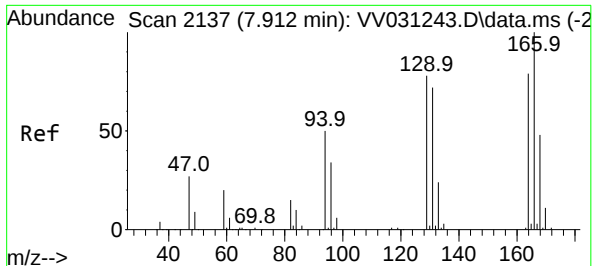
Tgt Ion: 75 Resp: 3334

Ion Ratio Lower Upper

75 100

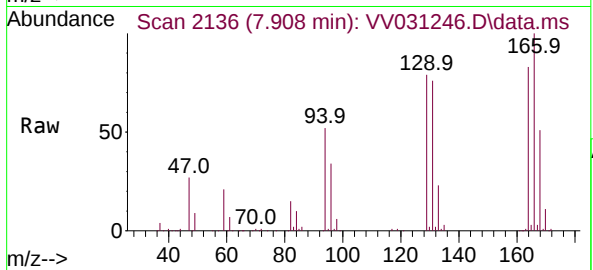
77 45.3 22.3 41.3#





#46
 Tetrachloroethene
 Concen: 50.462 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV031246.D
 Acq: 26 May 2023 10:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	90929
Ion	Ratio	Lower	Upper
164	100		
129	95.9	65.5	121.7
131	92.7	62.1	115.3
166	121.1	93.4	173.4

