

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
 Data File : VV031446.D
 Acq On : 08 Jun 2023 13:55
 Operator : SY/MD
 Sample : 03078-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESQX0

Quant Time: Jun 09 05:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 05:07:24 2023
 Response via : Initial Calibration

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

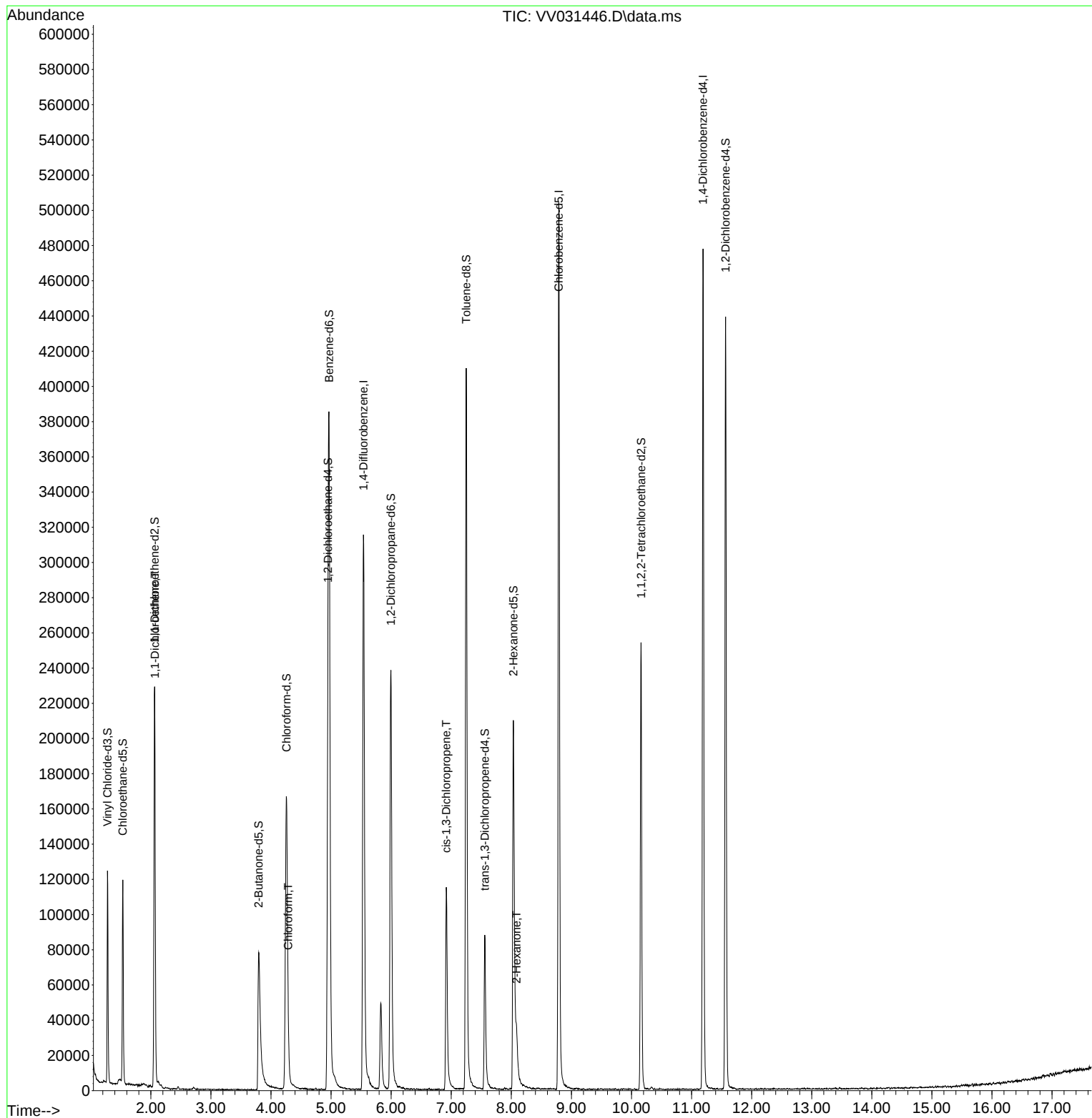
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	257408	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	265375	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	123762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79894	35.277	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.560%		
7) Chloroethane-d5	1.532	69	73895	40.301	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.600%		
11) 1,1-Dichloroethene-d2	2.063	65	40473	37.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.420%		
21) 2-Butanone-d5	3.796	46	141259	86.306	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.310%		
24) Chloroform-d	4.256	84	179272	41.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.220%		
26) 1,2-Dichloroethane-d4	4.947	65	126334	43.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.420%		
32) Benzene-d6	4.966	84	317526	40.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.060%		
36) 1,2-Dichloropropane-d6	5.995	67	116474	42.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.540%		
41) Toluene-d8	7.249	98	274318	38.114	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.220%#		
43) trans-1,3-Dichloroprop...	7.558	79	52040	37.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.880%		
47) 2-Hexanone-d5	8.034	63	66532	64.864	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	64.860%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	120260	34.991	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	69.980%		
66) 1,2-Dichlorobenzene-d4	11.567	152	109232	47.578	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.160%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	1018	0.991	ug/L #	1
25) Chloroform	4.285	83	8931	2.378	ug/L	93
39) cis-1,3-Dichloropropene	6.915	75	3228	1.025	ug/L	91
48) 2-Hexanone	8.088	43	18735	6.991	ug/L #	86

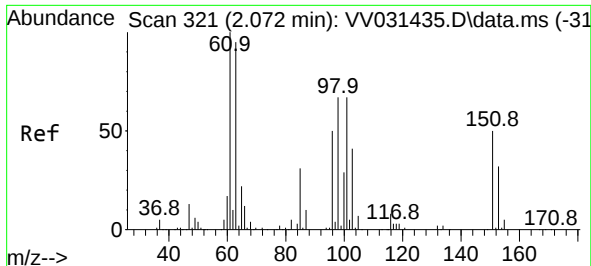
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 09 05:07:24 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.991 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.006 min

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Acq: 08 Jun 2023 13:55

Instrument :

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ClientSampleId :

ESQX0

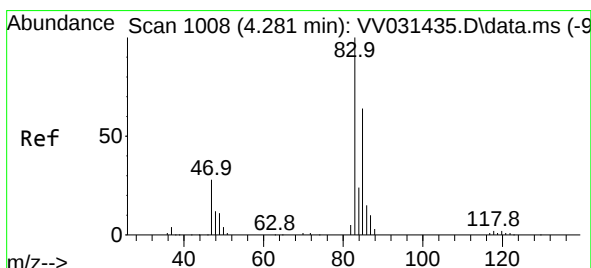
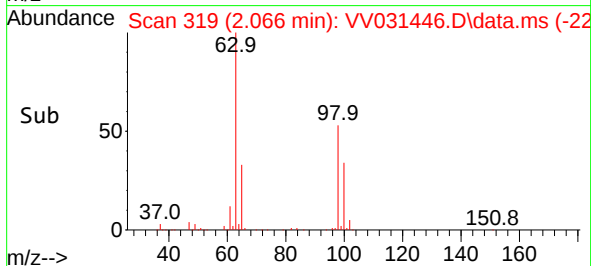
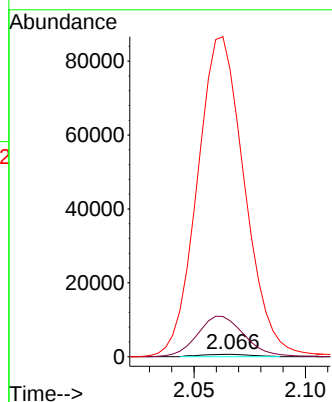
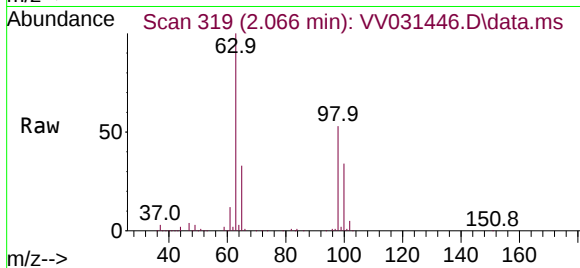
Tgt Ion: 96 Resp: 1018

Ion Ratio Lower Upper

96 100

61 1462.8 143.9 267.3#

63 11709.3 158.3 293.9#



#25

Chloroform

Concen: 2.378 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.003 min

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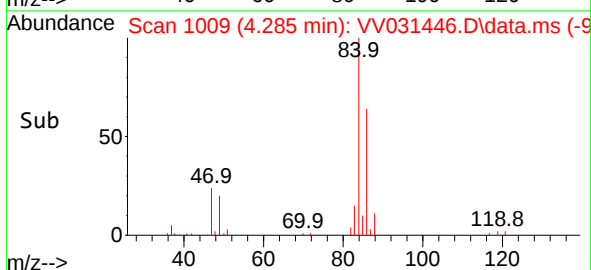
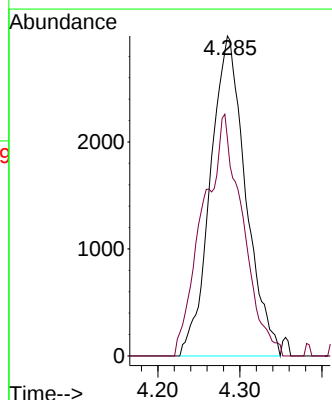
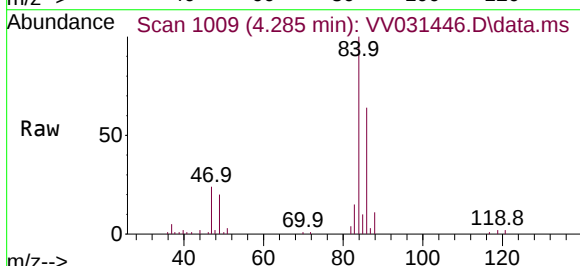
Acq: 08 Jun 2023 13:55

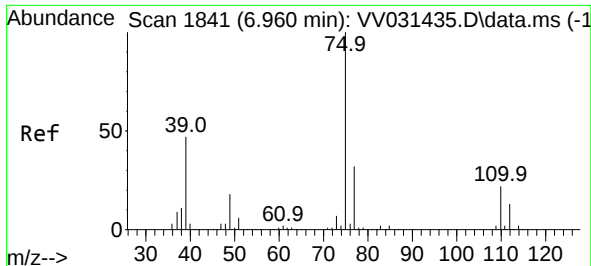
Tgt Ion: 83 Resp: 8931

Ion Ratio Lower Upper

83 100

85 67.9 43.9 81.5





#39

cis-1,3-Dichloropropene

Concen: 1.025 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.045 min

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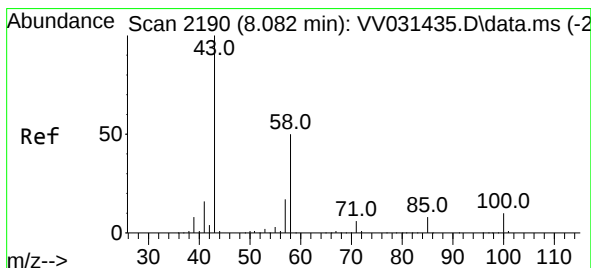
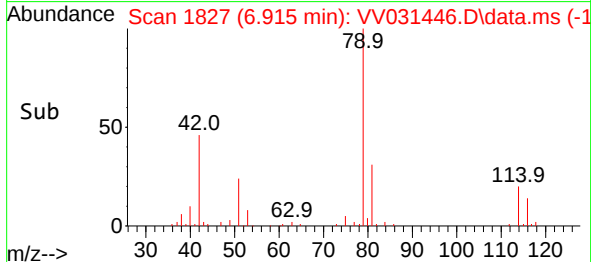
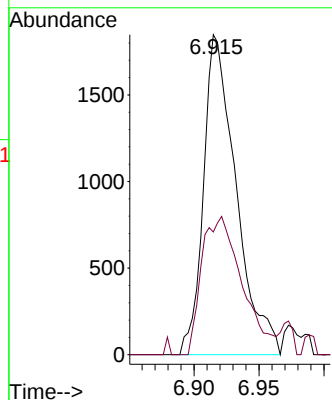
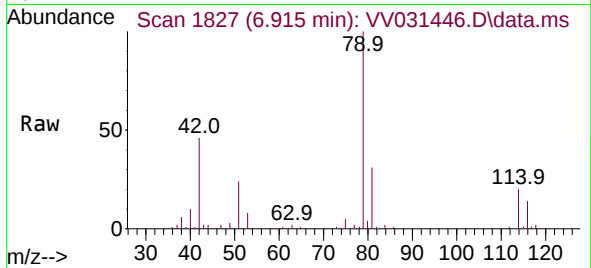
ESQX0

Tgt Ion: 75 Resp: 3228

Ion Ratio Lower Upper

75 100

77 38.4 23.2 43.2



#48

2-Hexanone

Concen: 6.991 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.007 min

Lab File: VV031446.D

Acq: 08 Jun 2023 13:55

Tgt Ion: 43 Resp: 18735

Ion Ratio Lower Upper

43 100

58 39.7 42.9 64.3#

57 17.5 14.6 22.0

100 6.5 8.2 12.2#

