

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
 Data File : VV036102.D
 Acq On : 17 Jun 2024 16:32
 Operator : SY/MD
 Sample : P2909-05
 Misc : 4.89g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 02:12:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

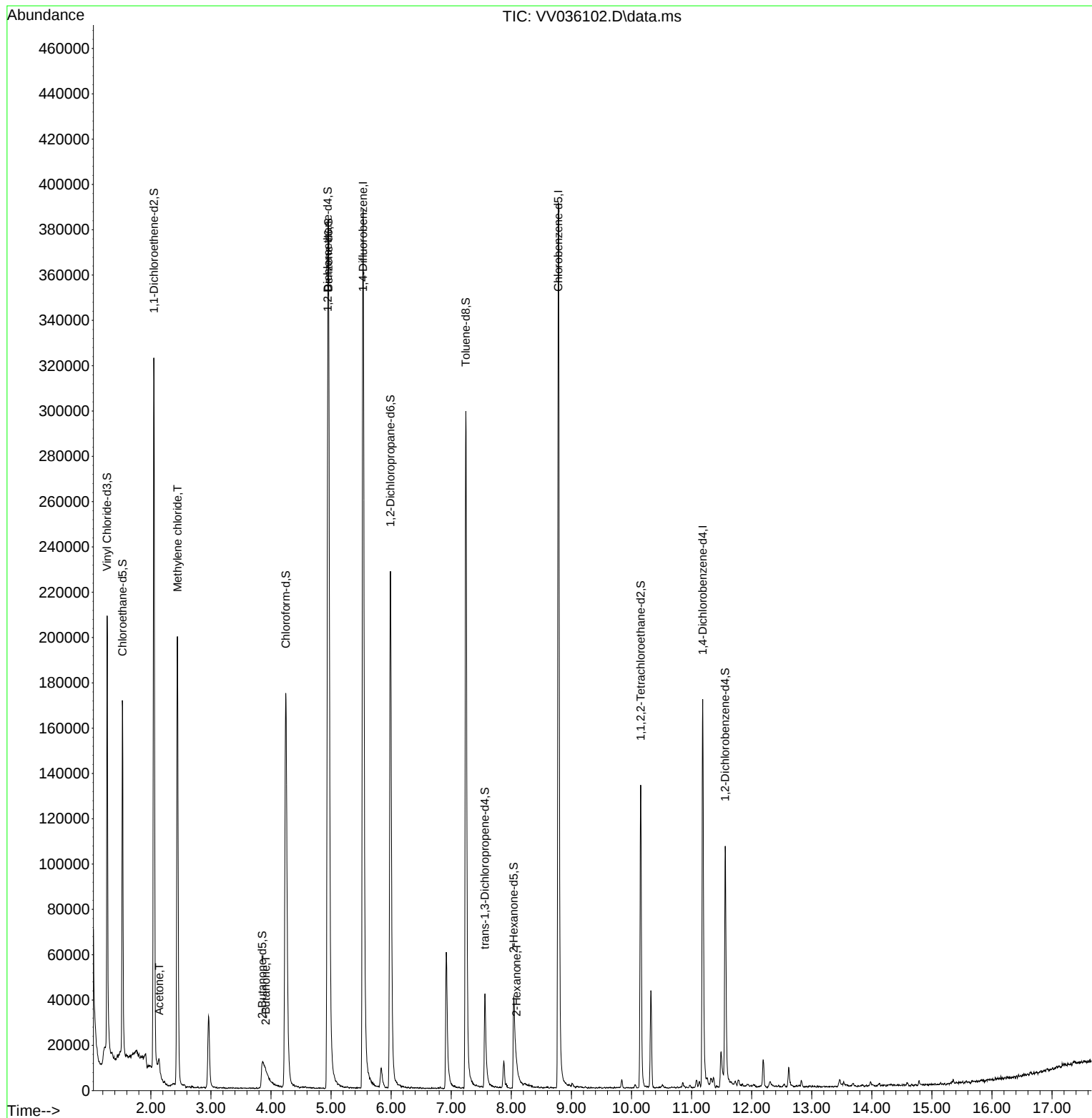
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	339215	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	226293	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47885	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	128202	20.557	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.240%		
7) Chloroethane-d5	1.526	69	104242	20.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.840%		
11) 1,1-Dichloroethene-d2	2.050	65	54327	19.568	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.280%		
21) 2-Butanone-d5	3.854	46	19218	13.431	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery =	26.860%		
24) Chloroform-d	4.246	84	194844	18.067	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.280%		
26) 1,2-Dichloroethane-d4	4.944	65	112640	19.921	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.680%		
32) Benzene-d6	4.957	84	337572	25.096	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.400%		
36) 1,2-Dichloropropane-d6	5.989	67	115800	27.337	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.360%		
41) Toluene-d8	7.243	98	214961	18.112	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.440%		
43) trans-1,3-Dichloroprop...	7.561	79	28544	16.434	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.720%		
47) 2-Hexanone-d5	8.040	63	13659	23.800	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	47.600%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	68829	21.744	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.960%		
66) 1,2-Dichlorobenzene-d4	11.561	152	27559	15.694	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	62.760%#		
Target Compounds					Qvalue	
13) Acetone	2.140	43	5210	2.337	ug/L	72
16) Methylene chloride	2.442	84	84641	11.027	ug/L	96
22) 2-Butanone	3.912	43	5175	2.736	ug/L #	62
48) 2-Hexanone	8.088	43	3896	2.360	ug/L #	40

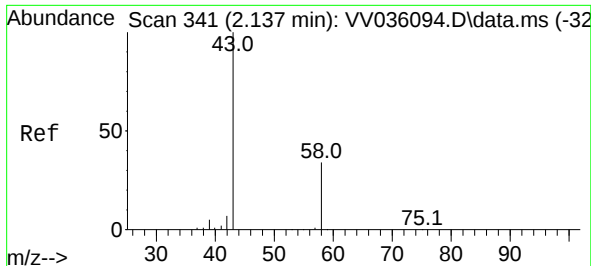
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 18 02:10:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.337 ug/L

RT: 2.140 min Scan# 341

Delta R.T. 0.003 min

Lab File: VV036102.D

Acq: 17 Jun 2024 16:32

Instrument :

MSVOA_V

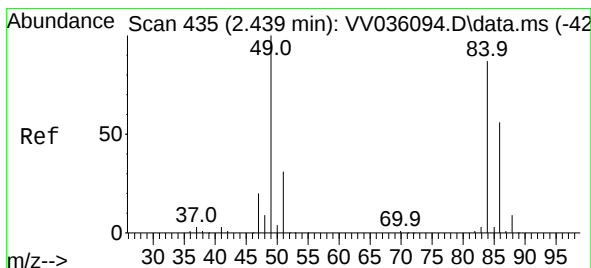
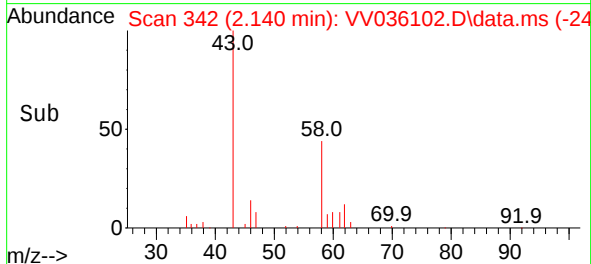
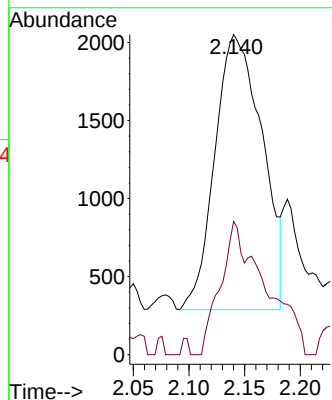
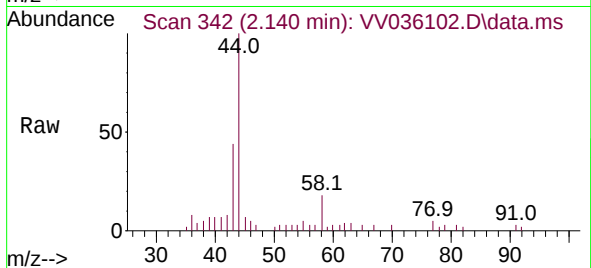
ClientSampleId :

Tgt Ion: 43 Resp: 5210

Ion Ratio Lower Upper

43 100

58 22.8 0.0 24.2



#16

Methylene chloride

Concen: 11.027 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036102.D

Acq: 17 Jun 2024 16:32

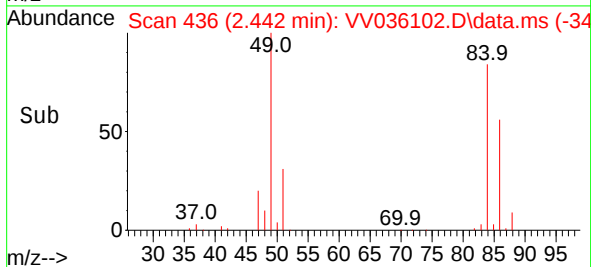
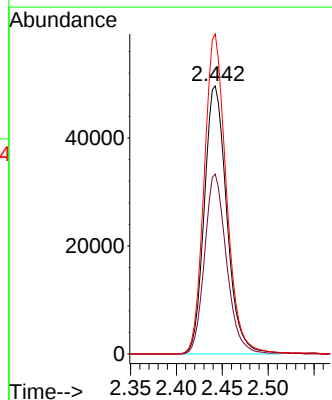
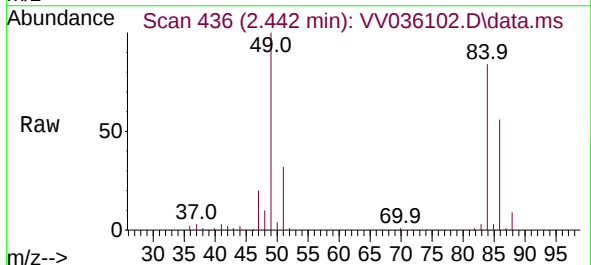
Tgt Ion: 84 Resp: 84641

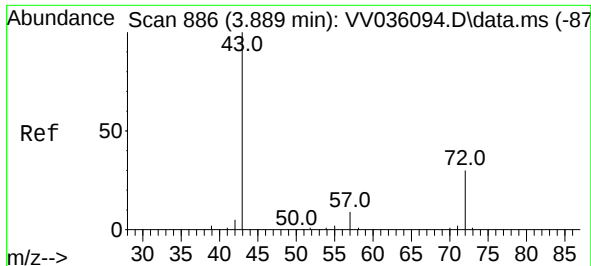
Ion Ratio Lower Upper

84 100

86 67.1 44.6 82.8

49 119.4 81.1 150.5





#22

2-Butanone

Concen: 2.736 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.023 min

Lab File: VV036102.D

Acq: 17 Jun 2024 16:32

Instrument :

MSVOA_V

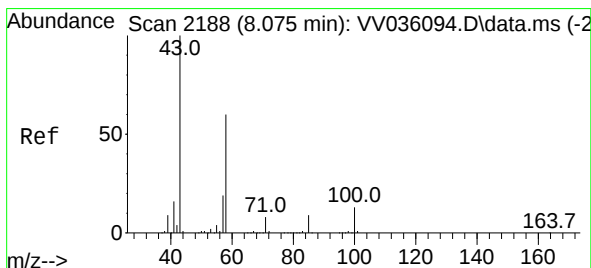
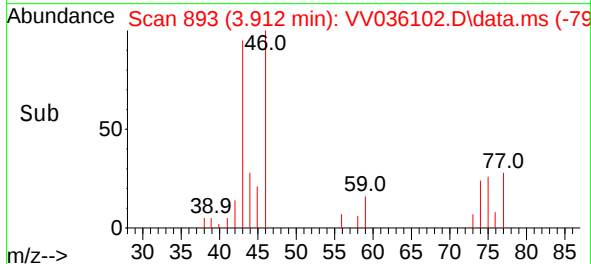
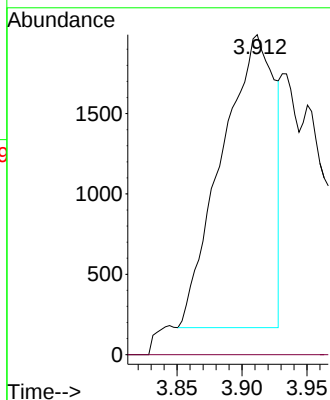
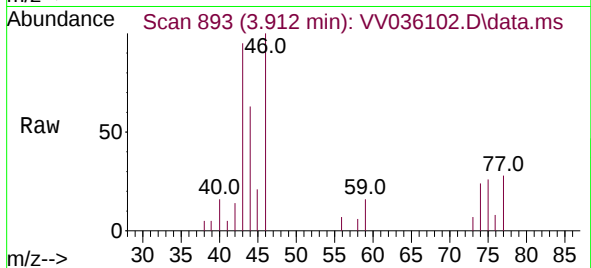
ClientSampleId :

Tgt Ion: 43 Resp: 5175

Ion Ratio Lower Upper

43 100

72 0.0 8.2 24.4#



#48

2-Hexanone

Concen: 2.360 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.013 min

Lab File: VV036102.D

Acq: 17 Jun 2024 16:32

Tgt Ion: 43 Resp: 3896

Ion Ratio Lower Upper

43 100

58 0.9 45.4 68.0#

57 5.1 15.8 23.8#

100 0.0 9.8 14.8#

