

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
 Data File : VV036098.D
 Acq On : 17 Jun 2024 14:59
 Operator : SY/MD
 Sample : P2909-01
 Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 02:11:45 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)

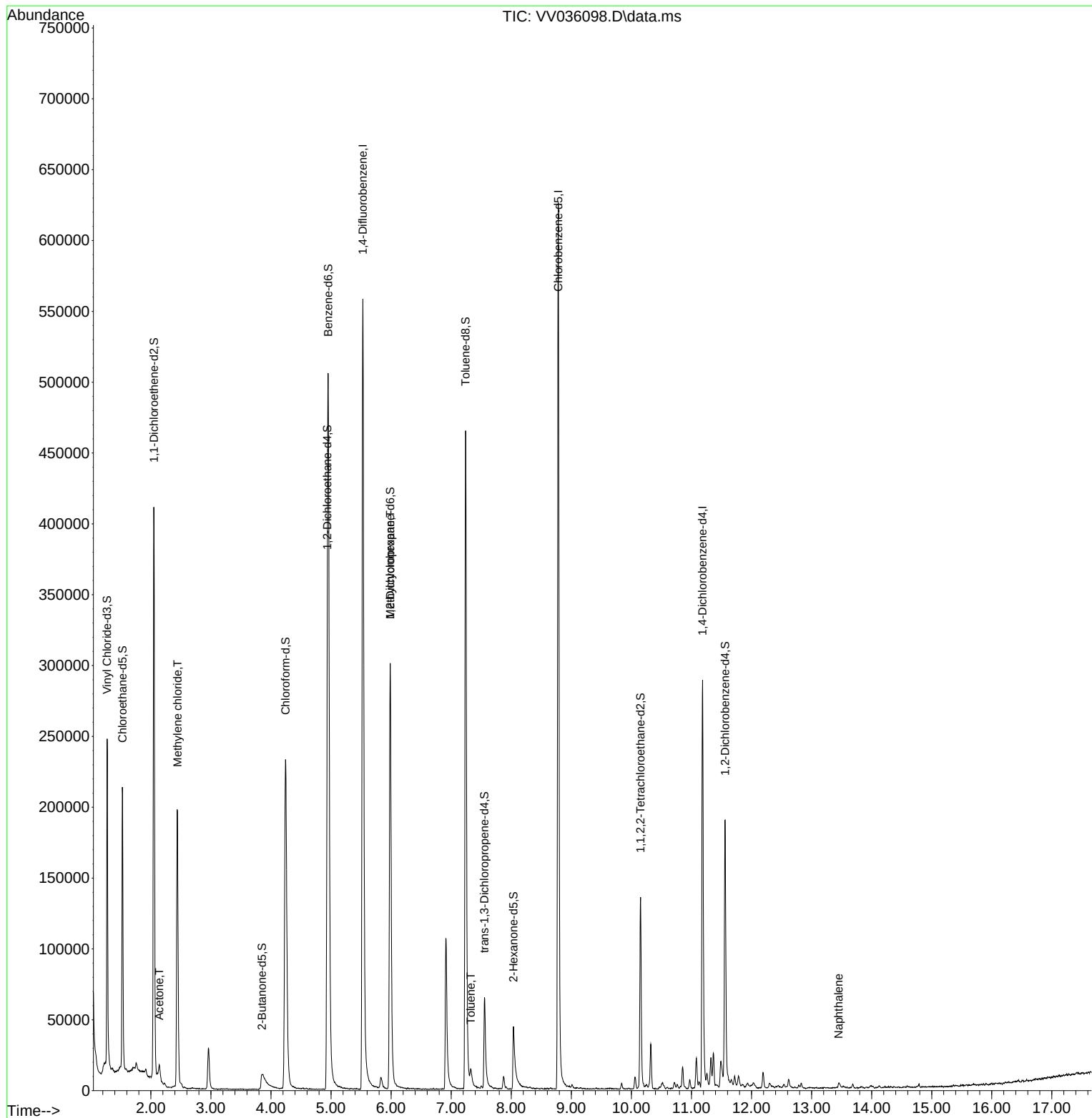
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	486144	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	350413	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	77233	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	150019	16.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.120%
7) Chloroethane-d5	1.526	69	132274	18.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.240%
11) 1,1-Dichloroethene-d2	2.050	65	69691	17.515	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.080%
21) 2-Butanone-d5	3.850	46	8779	4.281	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	8.560%#
24) Chloroform-d	4.243	84	259723	16.804	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.200%
26) 1,2-Dichloroethane-d4	4.937	65	129981	16.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.160%#
32) Benzene-d6	4.953	84	457730	21.975	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.920%
36) 1,2-Dichloropropane-d6	5.985	67	152143	23.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	7.239	98	326926	17.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.160%
43) trans-1,3-Dichloroprop...	7.555	79	43234	16.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.320%
47) 2-Hexanone-d5	8.037	63	17011	19.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.280%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	68931	14.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	56.240%
66) 1,2-Dichlorobenzene-d4	11.561	152	47510	16.775	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.080%#
Target Compounds						
					Qvalue	
13) Acetone	2.140	43	14059	4.401	ug/L #	63
16) Methylene chloride	2.442	84	85252	7.750	ug/L	99
35) Methylcyclohexane	5.985	83	36229	3.730	ug/L #	20
42) Toluene	7.326	91	9491	0.405	ug/L	95
71) Naphthalene	13.451	128	2859	0.572	ug/L #	86

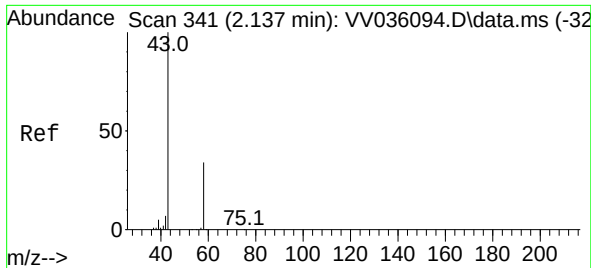
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:10:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 4.401 ug/L

RT: 2.140 min Scan# 341

Delta R.T. 0.003 min

Lab File: VV036098.D

Acq: 17 Jun 2024 14:59

Instrument :

MSVOA_V

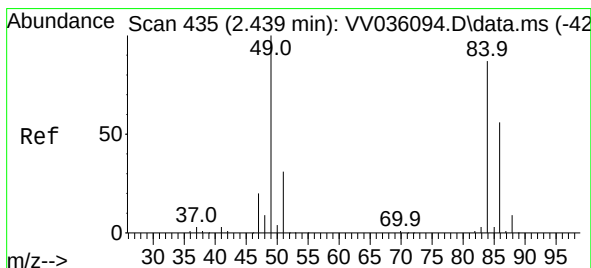
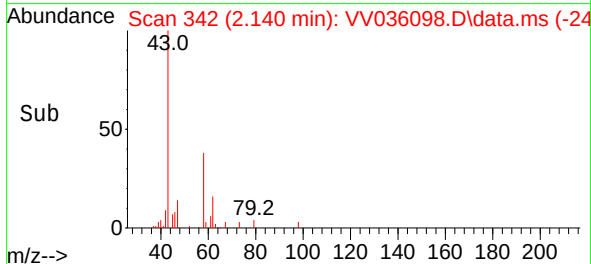
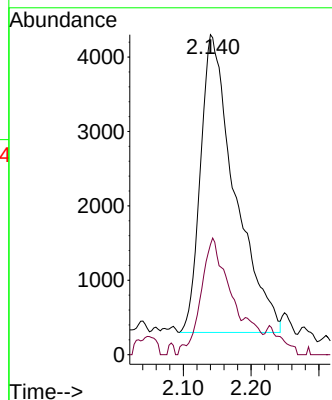
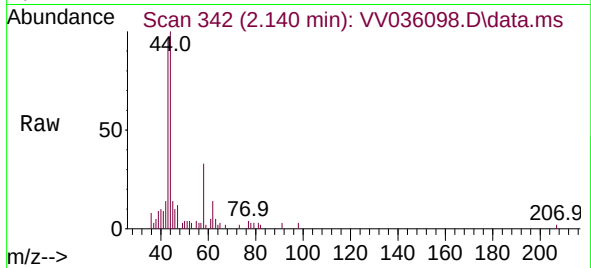
ClientSampleId :

Tgt Ion: 43 Resp: 14059

Ion Ratio Lower Upper

43 100

58 26.5 0.0 24.2#



#16

Methylene chloride

Concen: 7.750 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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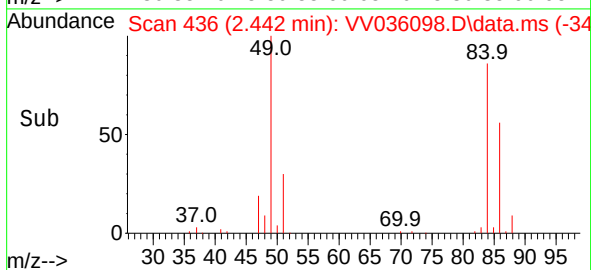
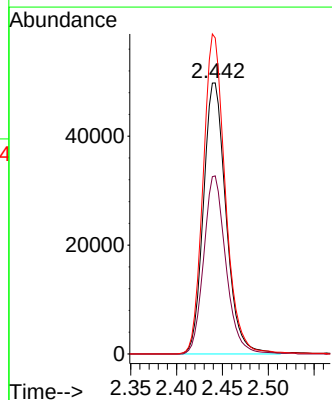
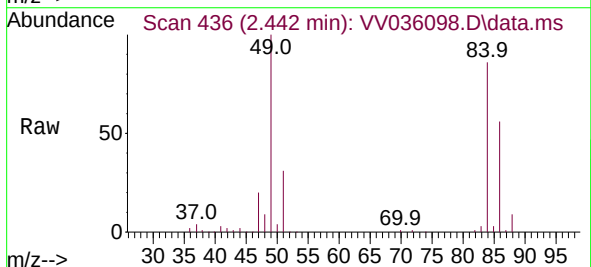
Tgt Ion: 84 Resp: 85252

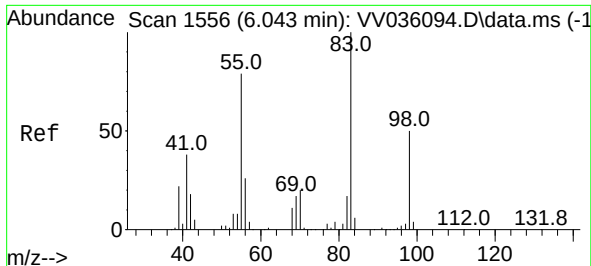
Ion Ratio Lower Upper

84 100

86 65.7 44.6 82.8

49 116.6 81.1 150.5





#35

Methylcyclohexane

Concen: 3.730 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

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MSVOA_V

ClientSampleId :

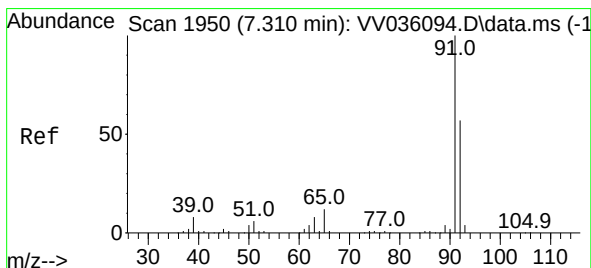
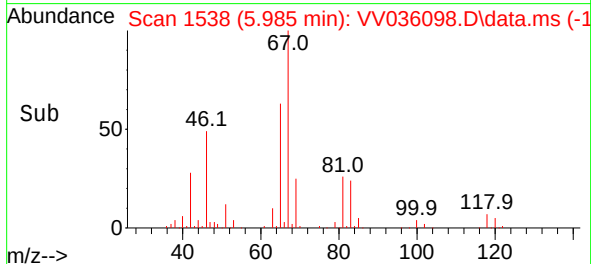
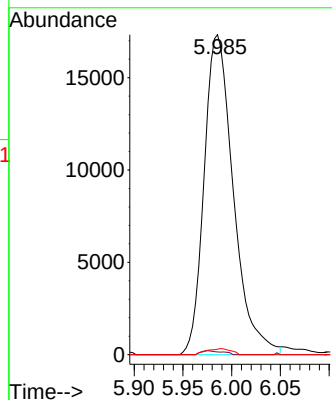
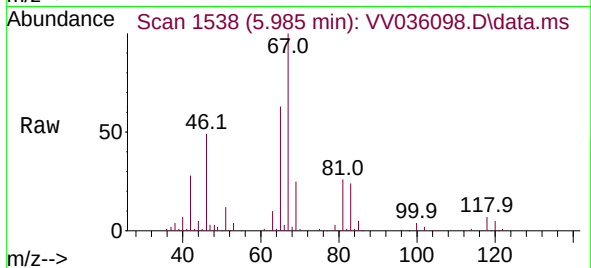
Tgt Ion: 83 Resp: 36229

Ion Ratio Lower Upper

83 100

55 0.7 60.7 91.1#

98 1.6 38.7 58.1#



#42

Toluene

Concen: 0.405 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.016 min

Lab File: VV036098.D

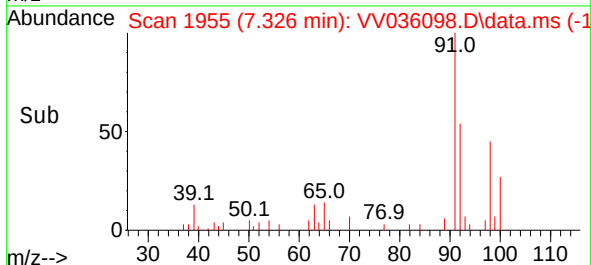
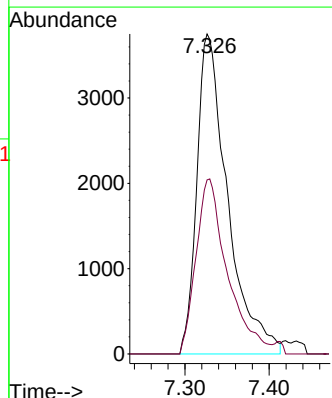
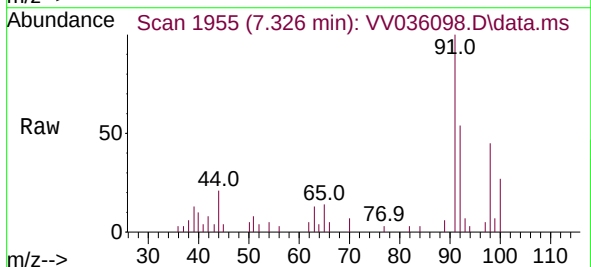
Acq: 17 Jun 2024 14:59

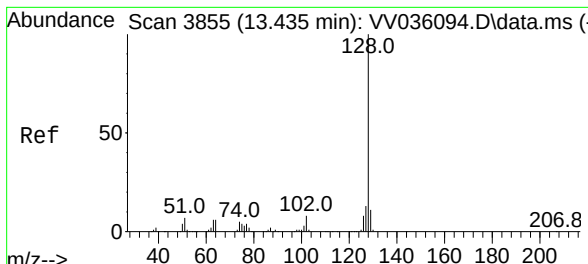
Tgt Ion: 91 Resp: 9491

Ion Ratio Lower Upper

91 100

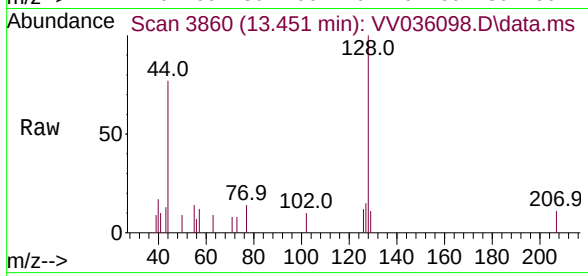
92 54.4 40.6 75.4





#71
 Naphthalene
 Concen: 0.572 ug/L
 RT: 13.451 min Scan# 3860
 Delta R.T. 0.016 min
 Lab File: VV036098.D
 Acq: 17 Jun 2024 14:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:128 Resp: 2859

Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.6	16.0#
129	6.1	8.8	13.2#

