

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036246.D
 Acq On : 24 Jun 2024 15:15
 Operator : SY/MD
 Sample : P2987-11
 Misc : 3.36g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 04:58:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 04:55:15 2024
 Response via : Initial Calibration

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

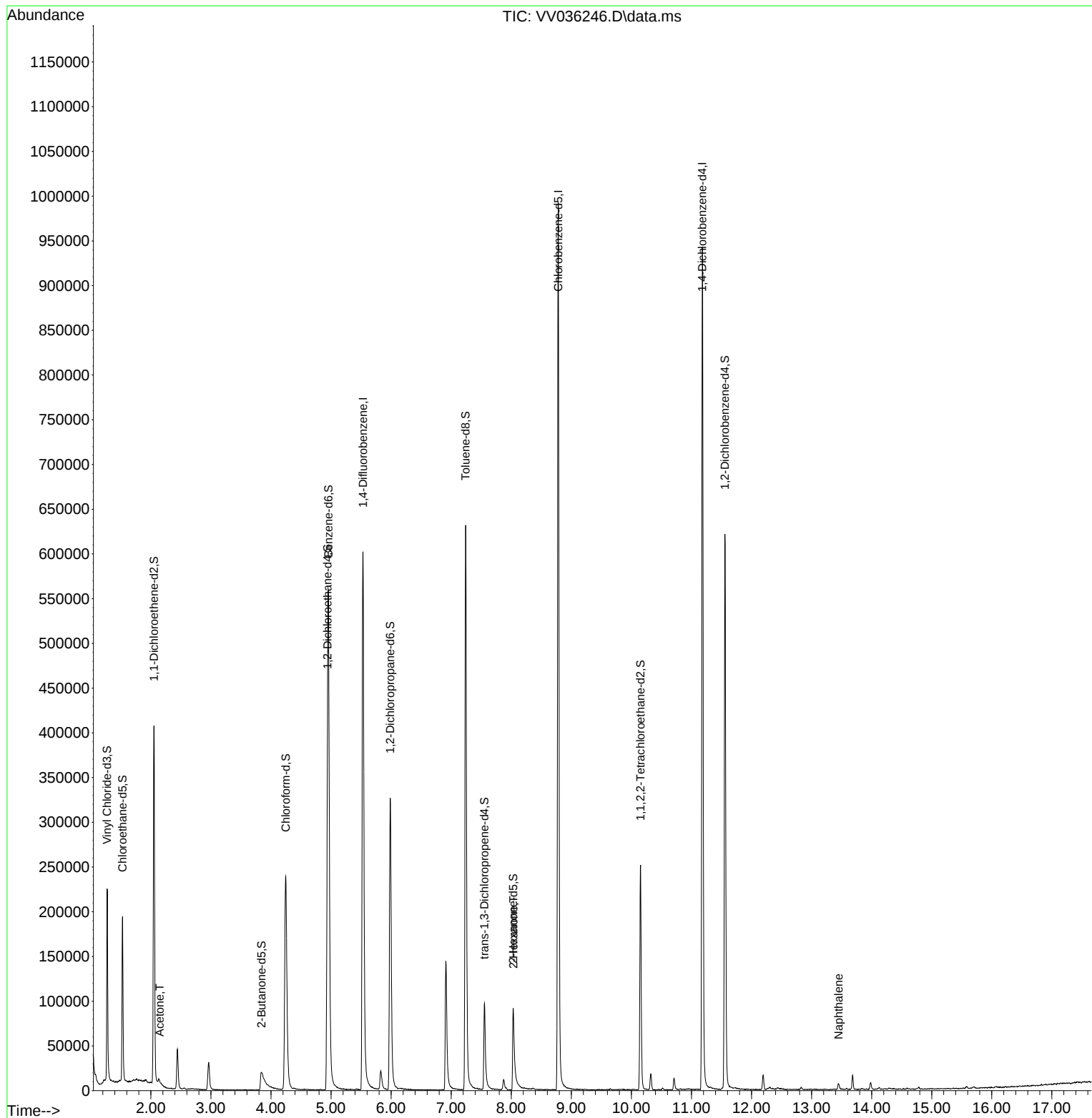
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	531675	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	547458	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	246974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	141983	14.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.120%
7) Chloroethane-d5	1.529	69	123463	15.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.360%
11) 1,1-Dichloroethene-d2	2.053	65	67825	15.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.360%
21) 2-Butanone-d5	3.841	46	44366	19.782	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.560%
24) Chloroform-d	4.246	84	263252	15.574	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	62.280%
26) 1,2-Dichloroethane-d4	4.941	65	143265	16.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.680%#
32) Benzene-d6	4.957	84	508636	15.630	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.520%
36) 1,2-Dichloropropane-d6	5.986	67	164604	16.062	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	64.240%#
41) Toluene-d8	7.240	98	429279	14.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.800%
43) trans-1,3-Dichloroprop...	7.555	79	60992	14.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.080%
47) 2-Hexanone-d5	8.034	63	34018	24.501	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.000%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	123272	16.097	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	162093	17.897	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.600%#
Target Compounds					Qvalue	
13) Acetone	2.147	43	7644	2.188	ug/L #	44
48) 2-Hexanone	8.037	43	4661	1.167	ug/L #	52
71) Naphthalene	13.448	128	6629	0.414	ug/L	97

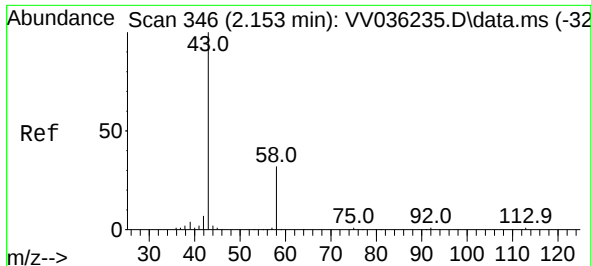
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.188 ug/L

RT: 2.147 min Scan# 346

Delta R.T. -0.006 min

Lab File: VV036246.D

Acq: 24 Jun 2024 15:15

Instrument :

MSVOA_V

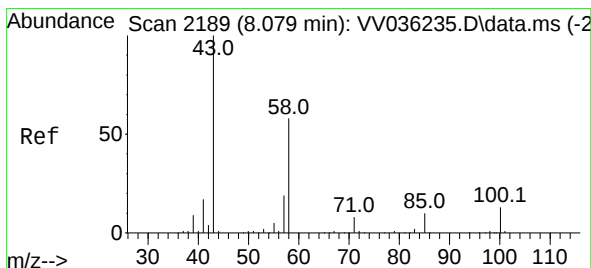
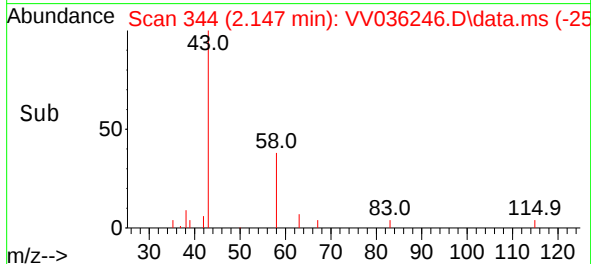
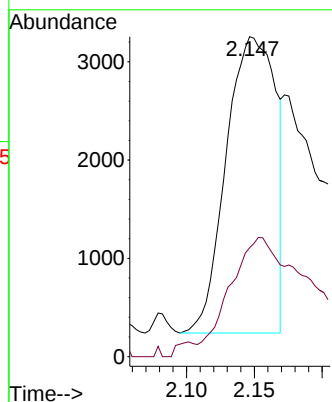
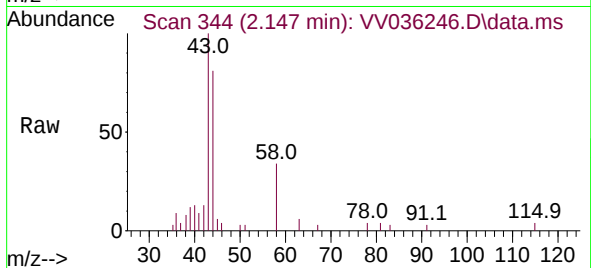
ClientSampleId :

Tgt Ion: 43 Resp: 7644

Ion Ratio Lower Upper

43 100

58 33.8 0.0 24.2#



#48

2-Hexanone

Concen: 1.167 ug/L

RT: 8.037 min Scan# 2176

Delta R.T. -0.042 min

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Acq: 24 Jun 2024 15:15

Tgt Ion: 43 Resp: 4661

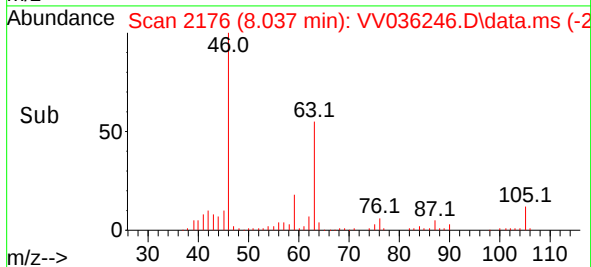
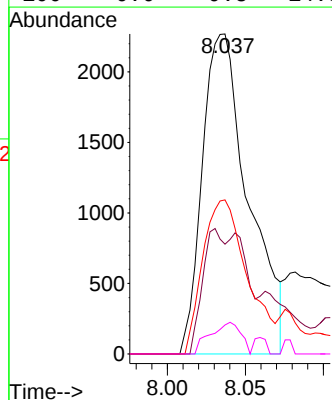
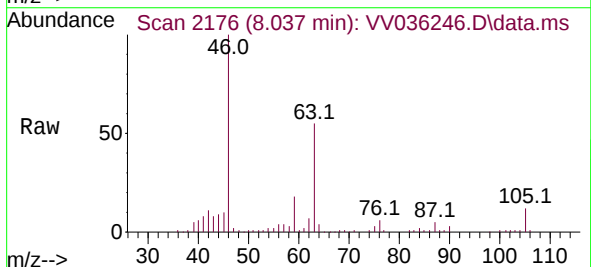
Ion Ratio Lower Upper

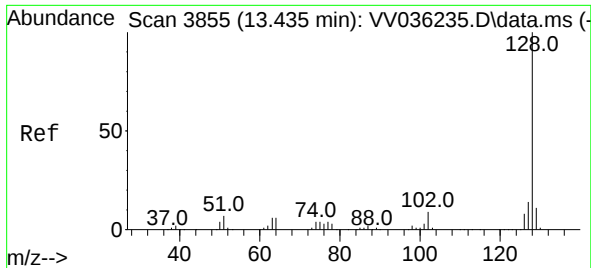
43 100

58 19.0 45.4 68.0#

57 46.6 15.8 23.8#

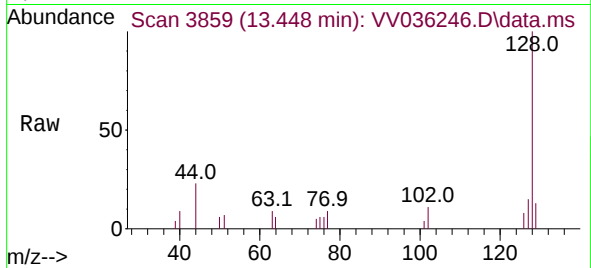
100 6.6 9.8 14.8#





#71
Naphthalene
Concen: 0.414 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV036246.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 6629
Ion Ratio Lower Upper
128 100
127 12.0 10.6 16.0
129 11.8 8.8 13.2

