

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036215.D
 Acq On : 21 Jun 2024 18:22
 Operator : SY/MD
 Sample : P2987-01
 Misc : 4.98g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:16:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

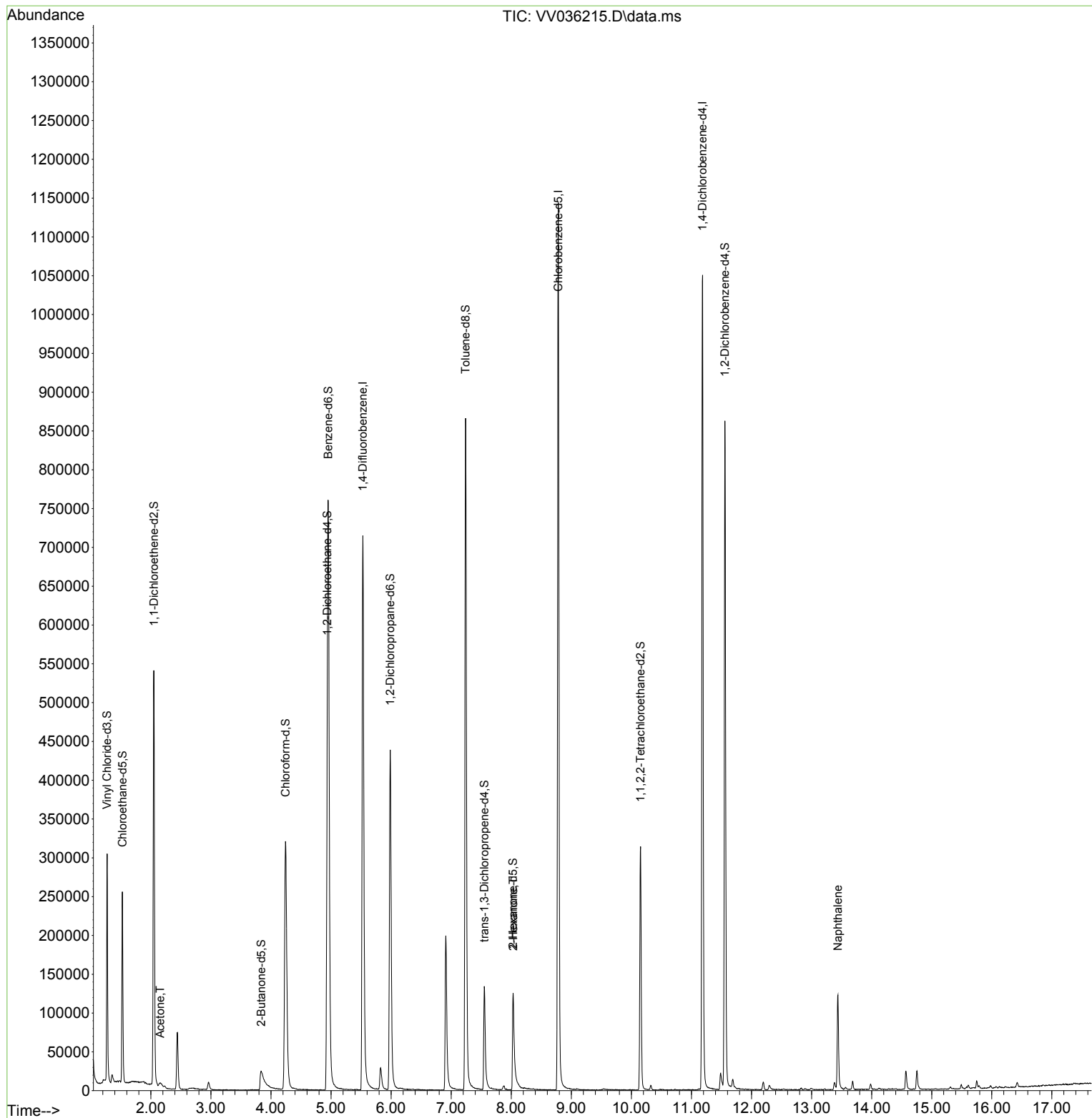
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	623071	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	623950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	275013	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	195785	17.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.360%
7) Chloroethane-d5	1.526	69	162704	17.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.240%
11) 1,1-Dichloroethene-d2	2.050	65	91303	17.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.600%
21) 2-Butanone-d5	3.838	46	59653	22.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.400%
24) Chloroform-d	4.243	84	349971	17.667	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.680%
26) 1,2-Dichloroethane-d4	4.937	65	192777	18.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.240%
32) Benzene-d6	4.953	84	696290	18.773	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.080%
36) 1,2-Dichloropropane-d6	5.985	67	220470	18.876	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.520%
41) Toluene-d8	7.239	98	598510	18.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.160%
43) trans-1,3-Dichloroprop...	7.551	79	82449	17.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.880%
47) 2-Hexanone-d5	8.030	63	48036	30.356	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.720%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	156440	17.924	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.680%
66) 1,2-Dichlorobenzene-d4	11.557	152	216589	21.476	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.920%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	16724	4.085	ug/L	87
48) 2-Hexanone	8.034	43	5971	1.312	ug/L #	49
71) Naphthalene	13.438	128	98110	5.509	ug/L	99

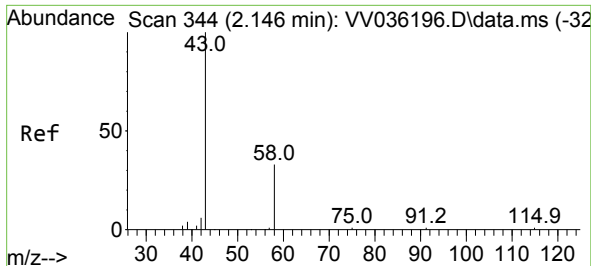
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.085 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV036215.D

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Instrument :

MSVOA_V

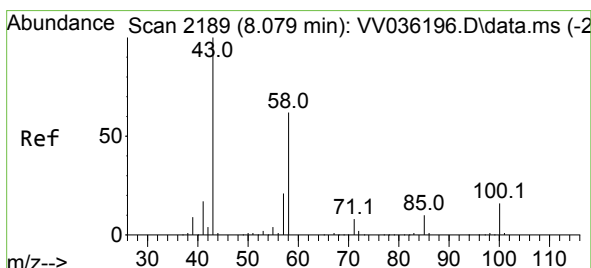
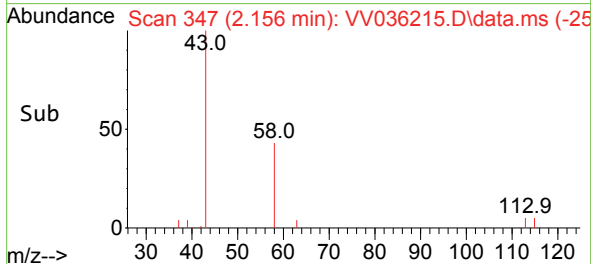
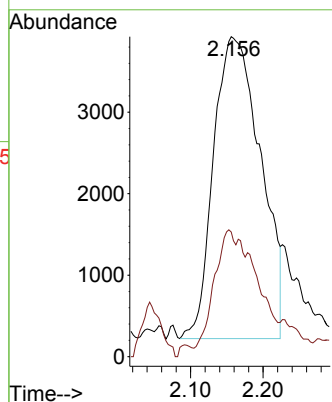
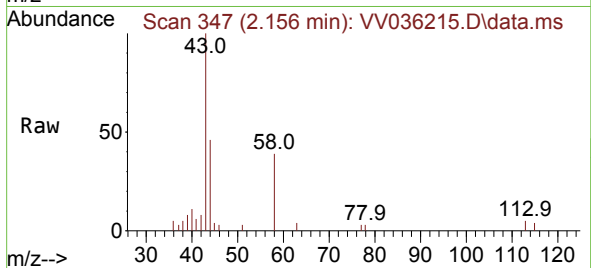
ClientSampleId :

Tgt Ion: 43 Resp: 16724

Ion Ratio Lower Upper

43 100

58 17.1 0.0 24.2



#48

2-Hexanone

Concen: 1.312 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

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Tgt Ion: 43 Resp: 5971

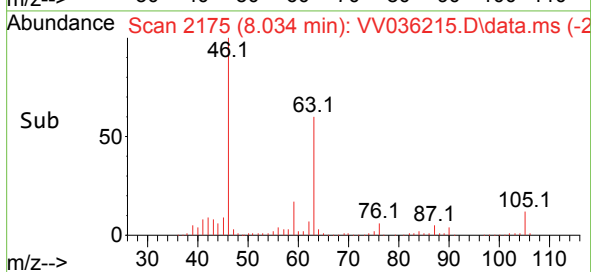
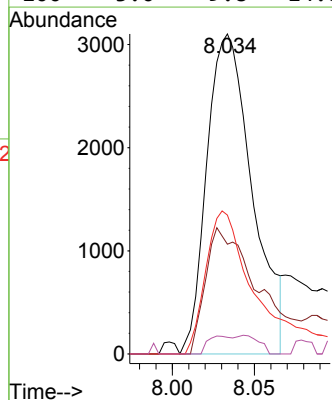
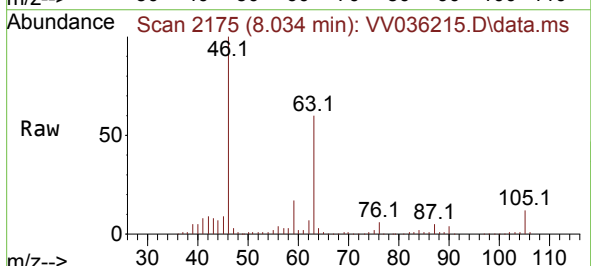
Ion Ratio Lower Upper

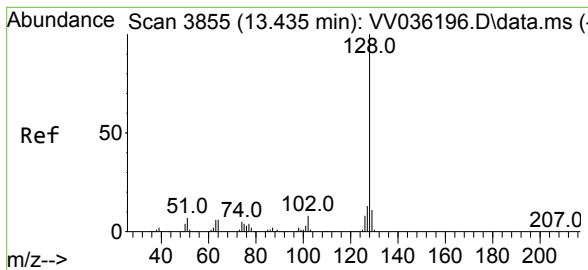
43 100

58 19.3 45.4 68.0#

57 50.3 15.8 23.8#

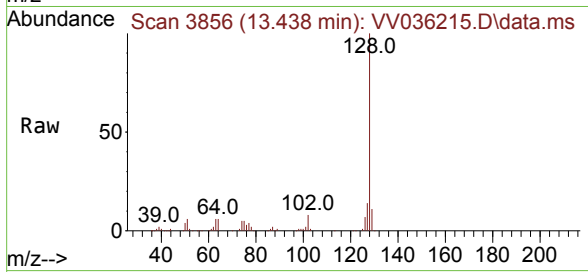
100 3.0 9.8 14.8#





#71
Naphthalene
Concen: 5.509 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. 0.003 min
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	98110
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	11.2	8.8	13.2

