

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036245.D
 Acq On : 24 Jun 2024 14:51
 Operator : SY/MD
 Sample : P2987-15
 Misc : 6.06g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 04:58:11 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)

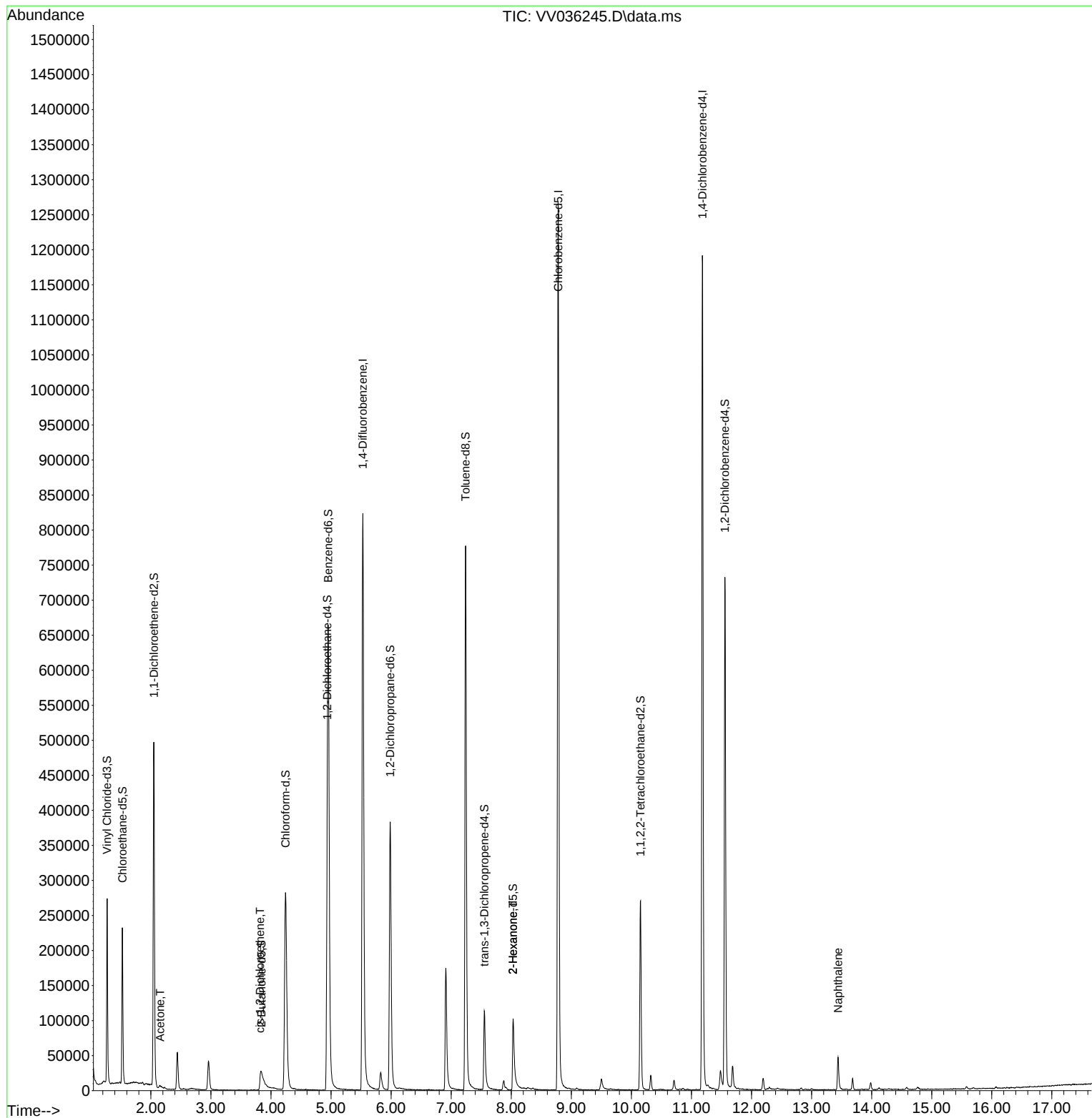
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	713141	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	704203	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	308955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	174816	13.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.320%
7) Chloroethane-d5	1.526	69	148628	14.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.880%
11) 1,1-Dichloroethene-d2	2.050	65	82844	14.194	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.760%
21) 2-Butanone-d5	3.841	46	43709	14.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	29.060%
24) Chloroform-d	4.243	84	311282	13.730	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	54.920%
26) 1,2-Dichloroethane-d4	4.937	65	162042	13.632	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	54.520%#
32) Benzene-d6	4.953	84	614863	14.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	58.760%
36) 1,2-Dichloropropane-d6	5.985	67	195131	14.803	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	59.200%#
41) Toluene-d8	7.239	98	527576	14.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.120%
43) trans-1,3-Dichloroprop...	7.551	79	71879	13.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.200%
47) 2-Hexanone-d5	8.030	63	38859	21.758	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.520%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	134495	13.654	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	54.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	188613	16.648	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.600%#
Target Compounds						Qvalue
13) Acetone	2.156	43	5251	1.121	ug/L #	58
20) cis-1,2-Dichloroethene	3.818	96	4513	0.370	ug/L	91
48) 2-Hexanone	8.030	43	4804	0.935	ug/L #	68
71) Naphthalene	13.442	128	37098	1.854	ug/L	99

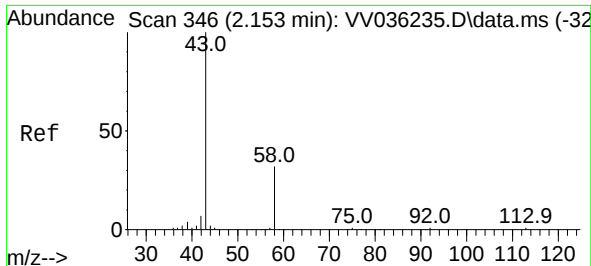
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 25 04:55:15 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.121 ug/L

RT: 2.156 min Scan# 346

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

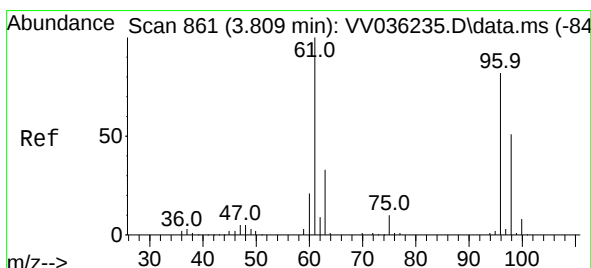
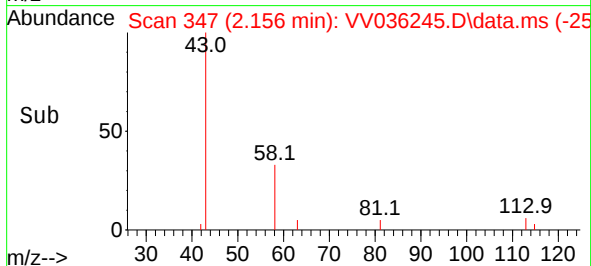
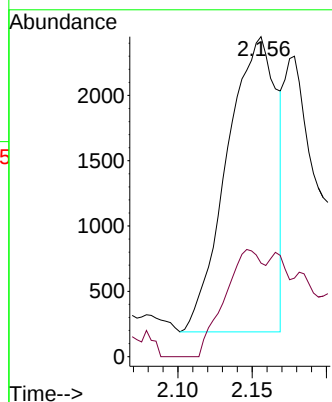
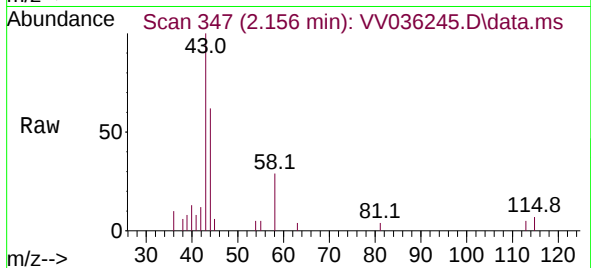
ClientSampleId :

Tgt Ion: 43 Resp: 5251

Ion Ratio Lower Upper

43 100

58 28.6 0.0 24.2#



#20

cis-1,2-Dichloroethene

Concen: 0.370 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.010 min

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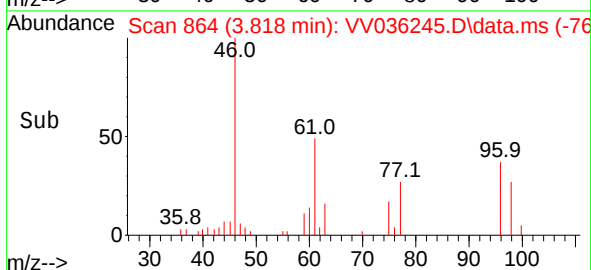
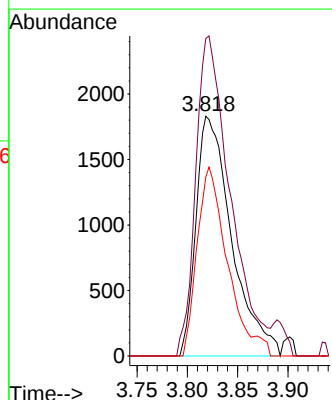
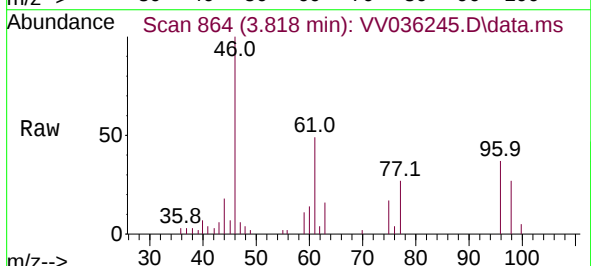
Tgt Ion: 96 Resp: 4513

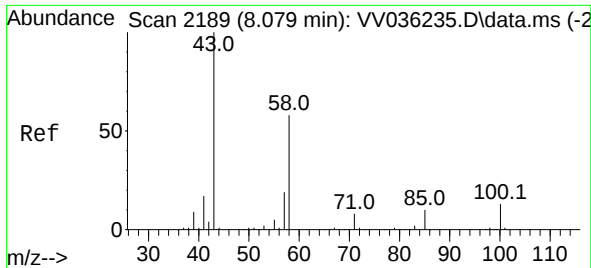
Ion Ratio Lower Upper

96 100

61 132.5 87.9 163.3

98 74.6 44.4 82.5





#48

2-Hexanone

Concen: 0.935 ug/L

RT: 8.030 min Scan# 2189

Delta R.T. -0.048 min

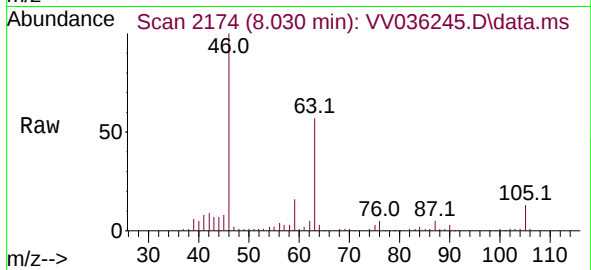
Lab File: VV036245.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4804

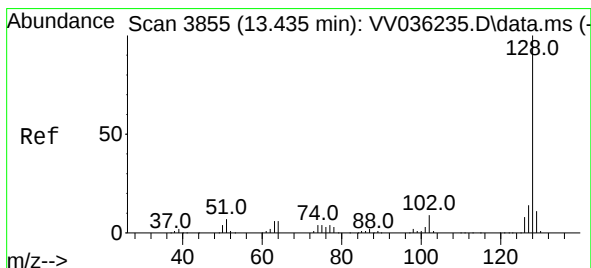
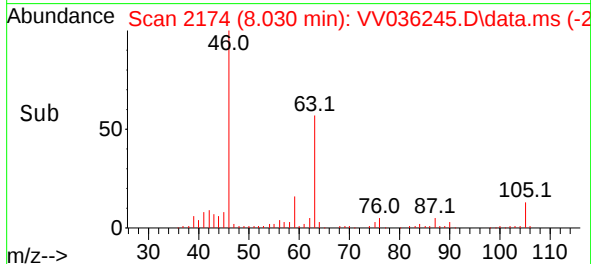
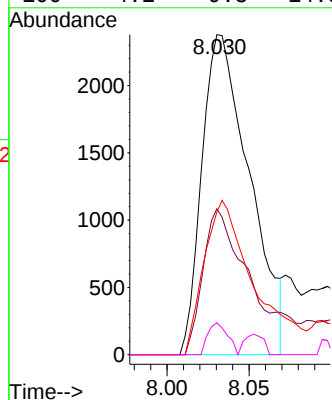
Ion Ratio Lower Upper

43 100

58 40.5 45.4 68.0#

57 50.7 15.8 23.8#

100 4.1 9.8 14.8#



#71

Naphthalene

Concen: 1.854 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.006 min

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Tgt Ion: 128 Resp: 37098

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 11.0 8.8 13.2

