

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036213.D
 Acq On : 21 Jun 2024 17:36
 Operator : SY/MD
 Sample : P2962-10
 Misc : 4.58g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:15:37 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)

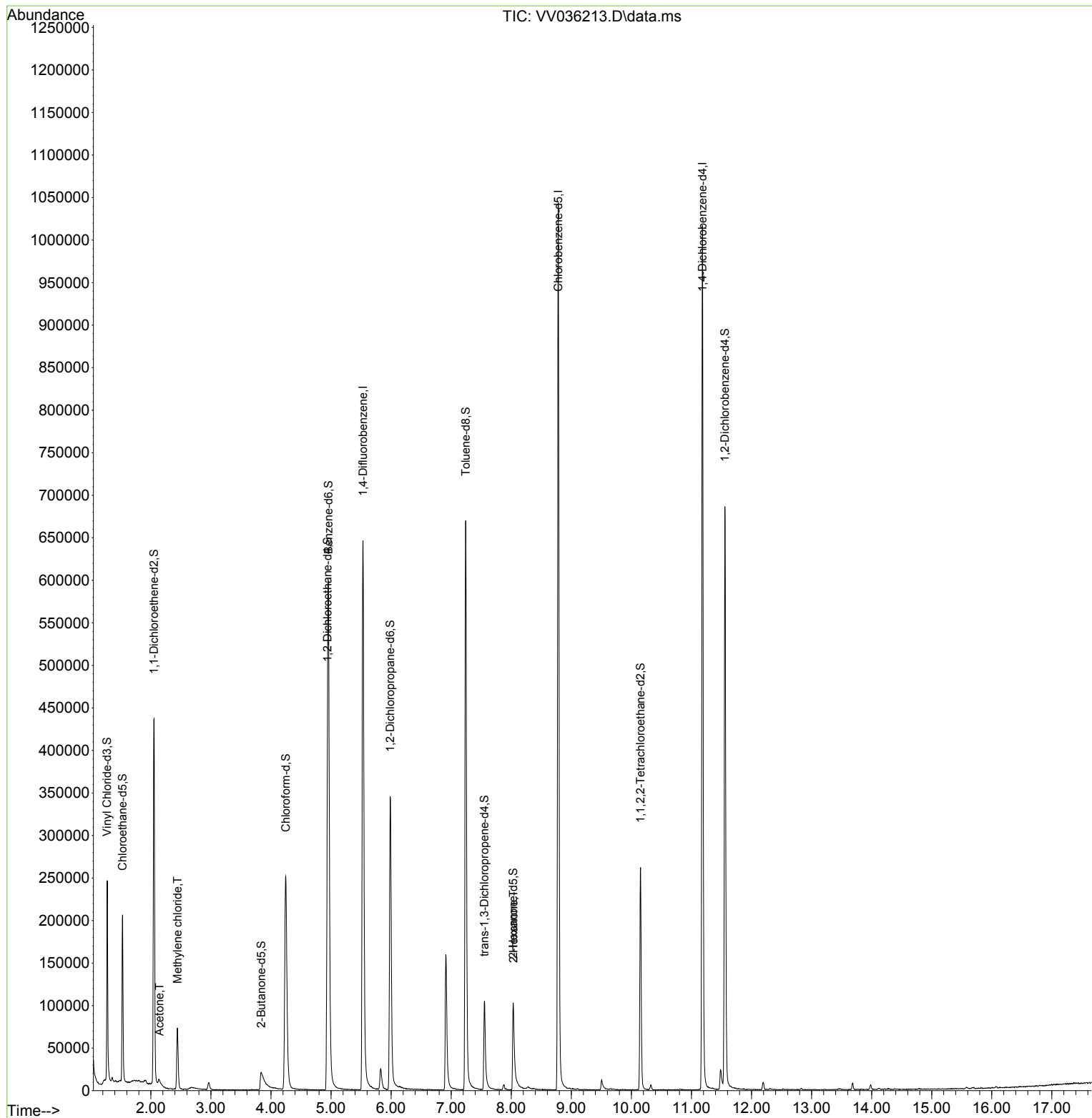
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	564548	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	578334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	263958	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	157202	15.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.600%
7) Chloroethane-d5	1.529	69	131057	15.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.360%
11) 1,1-Dichloroethene-d2	2.053	65	74111	16.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.160%
21) 2-Butanone-d5	3.838	46	58326	24.493	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.980%
24) Chloroform-d	4.246	84	275279	15.337	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.360%
26) 1,2-Dichloroethane-d4	4.940	65	152475	16.203	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.800%#
32) Benzene-d6	4.957	84	541801	15.760	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.040%
36) 1,2-Dichloropropane-d6	5.985	67	174683	16.136	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	64.560%#
41) Toluene-d8	7.243	98	467520	15.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.640%
43) trans-1,3-Dichloroprop...	7.554	79	67123	15.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.480%
47) 2-Hexanone-d5	8.034	63	39765	27.111	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.220%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	129114	15.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	178516	18.442	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.760%#
Target Compounds					Qvalue	
13) Acetone	2.143	43	15576	4.199	ug/L #	57
16) Methylene chloride	2.442	84	31040	2.430	ug/L	96
48) 2-Hexanone	8.037	43	5537	1.313	ug/L #	68

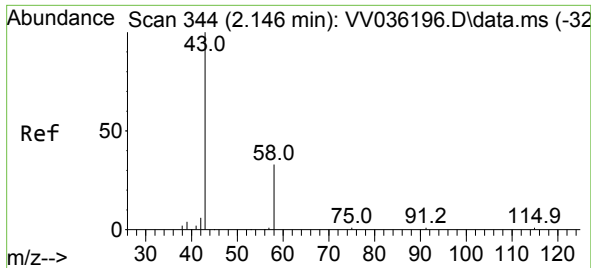
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 05:02:48 2024
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#13

Acetone

Concen: 4.199 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV036213.D

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Instrument :

MSVOA_V

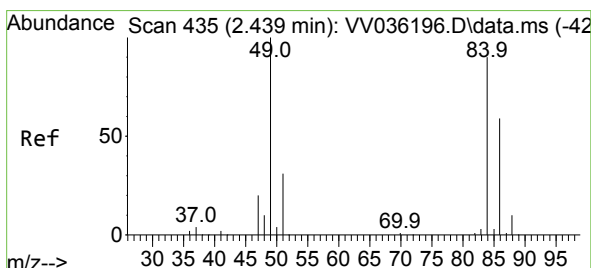
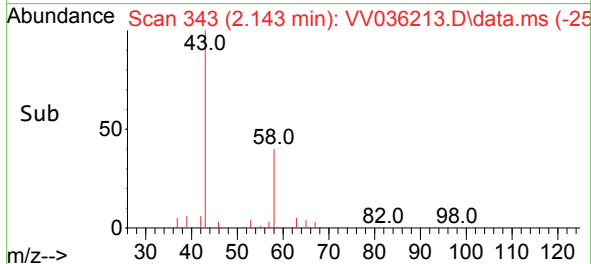
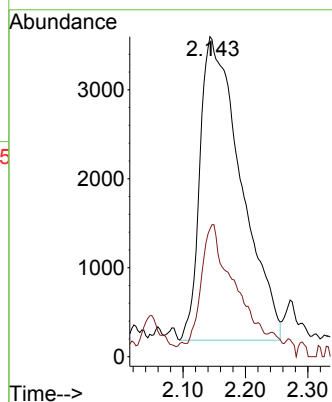
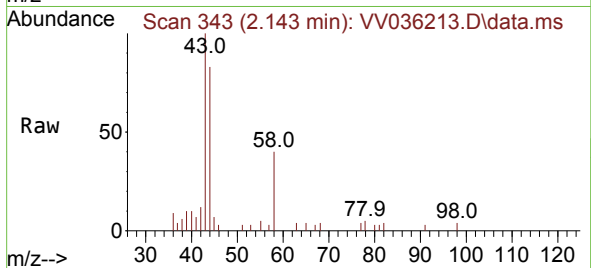
ClientSampleId :

Tgt Ion: 43 Resp: 15576

Ion Ratio Lower Upper

43 100

58 28.8 0.0 24.2#



#16

Methylene chloride

Concen: 2.430 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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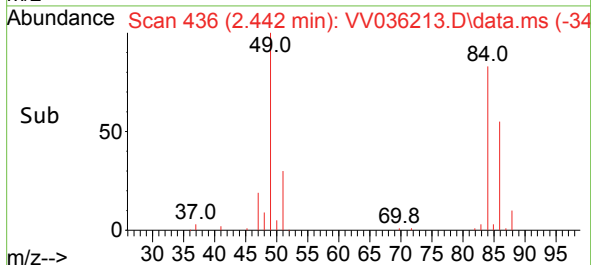
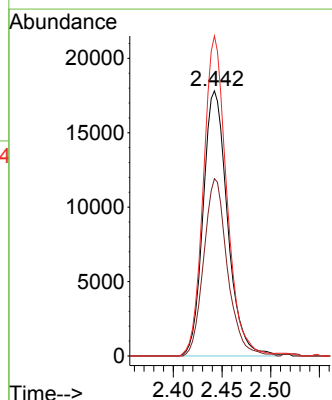
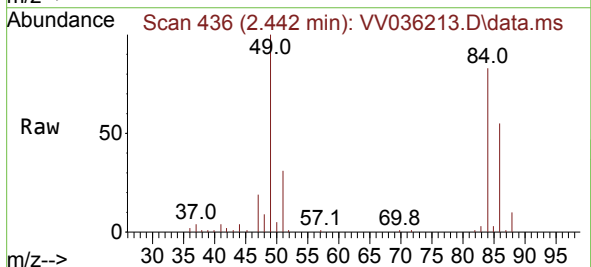
Tgt Ion: 84 Resp: 31040

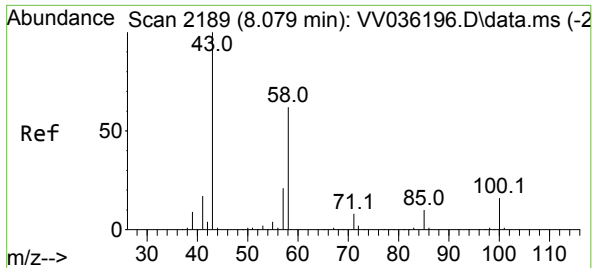
Ion Ratio Lower Upper

84 100

86 66.9 44.6 82.8

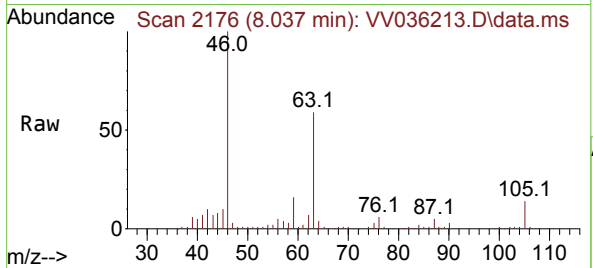
49 120.7 81.1 150.5





#48
 2-Hexanone
 Concen: 1.313 ug/L
 RT: 8.037 min Scan# 21
 Delta R.T. -0.042 min
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Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	43	Resp:	5537
Ion	Ratio	Lower	Upper
43	100		
58	36.6	45.4	68.0#
57	44.2	15.8	23.8#
100	4.6	9.8	14.8#

