

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036222.D
 Acq On : 21 Jun 2024 22:13
 Operator : SY/MD
 Sample : P2987-12
 Misc : 5.10g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 03:01:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 02:57:23 2024
 Response via : Initial Calibration

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

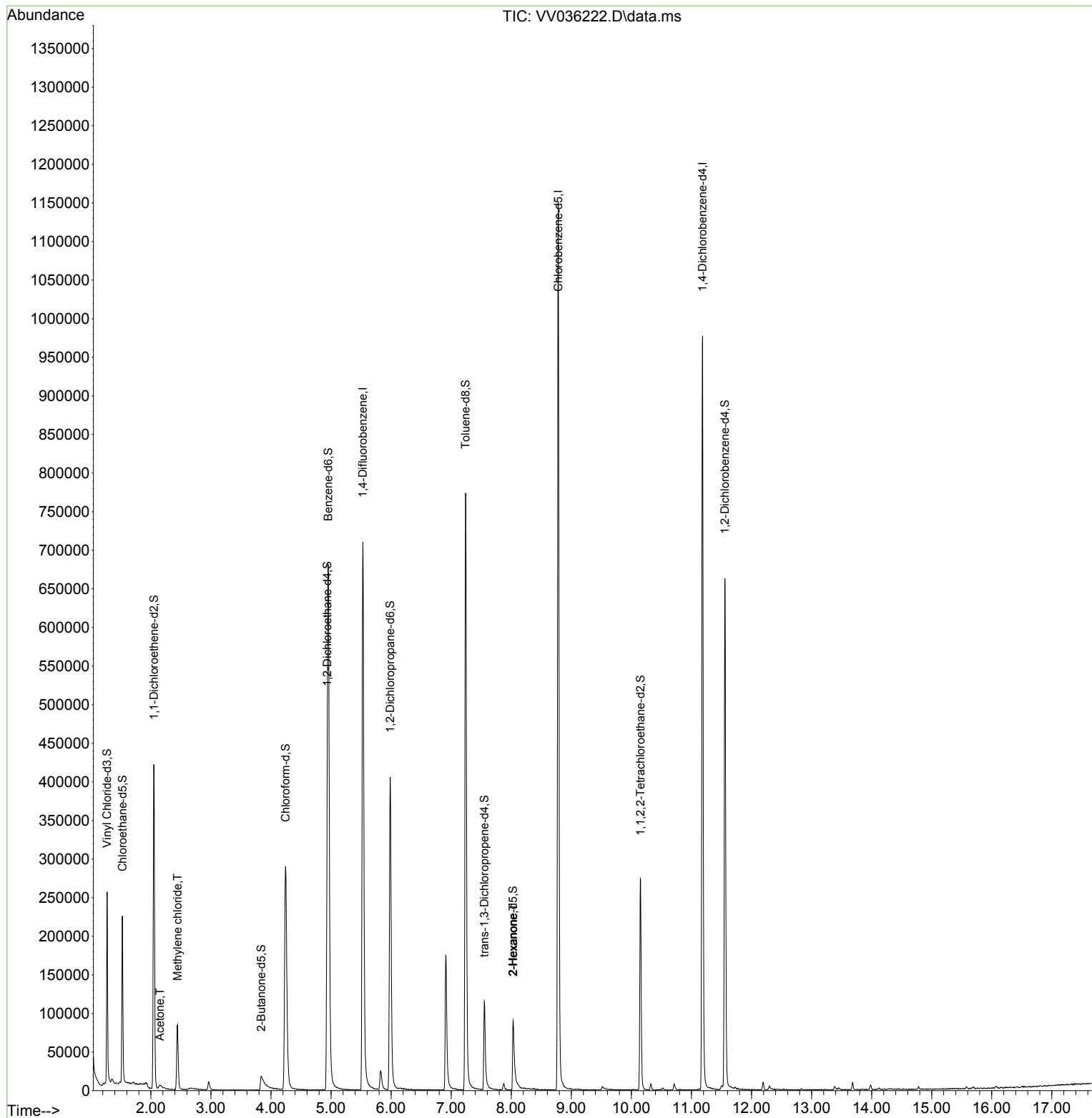
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	623336	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	635584	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	254766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	169648	14.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.200%
7) Chloroethane-d5	1.526	69	147875	16.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.720%
11) 1,1-Dichloroethene-d2	2.050	65	73873	14.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.920%
21) 2-Butanone-d5	3.838	46	43859	16.681	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.360%
24) Chloroform-d	4.243	84	322407	16.269	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.080%
26) 1,2-Dichloroethane-d4	4.937	65	175603	16.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.600%#
32) Benzene-d6	4.953	84	631199	16.707	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.840%
36) 1,2-Dichloropropane-d6	5.986	67	203154	17.075	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.320%#
41) Toluene-d8	7.239	98	531144	15.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.720%
43) trans-1,3-Dichloroprop...	7.551	79	72033	14.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.080%
47) 2-Hexanone-d5	8.030	63	34064	21.132	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.260%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	136475	15.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	61.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	173092	18.527	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.120%#
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	5583	1.363	ug/L	77
16) Methylene chloride	2.442	84	38656	2.741	ug/L	95
48) 2-Hexanone	8.034	43	5131	1.107	ug/L #	74

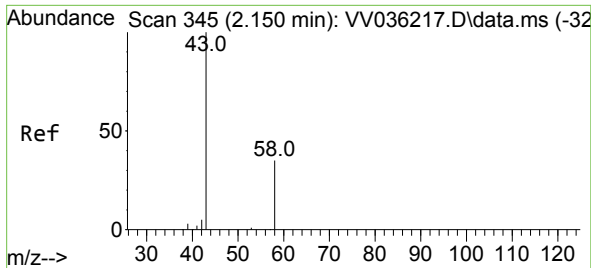
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.363 ug/L

RT: 2.150 min Scan# 345

Delta R.T. 0.000 min

Lab File: VV036222.D

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Instrument :

MSVOA_V

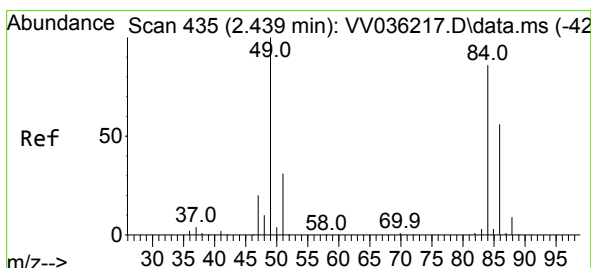
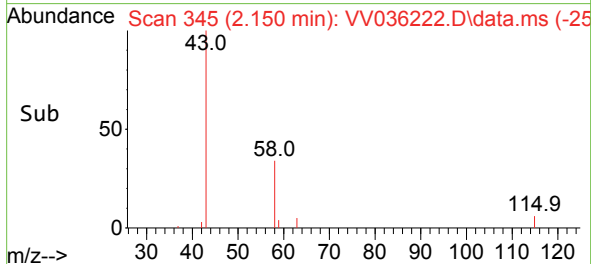
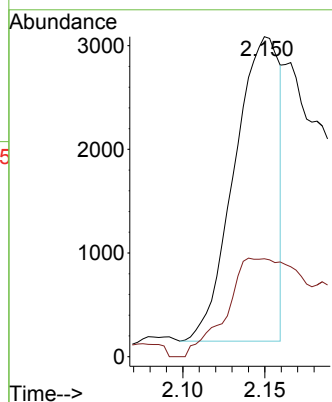
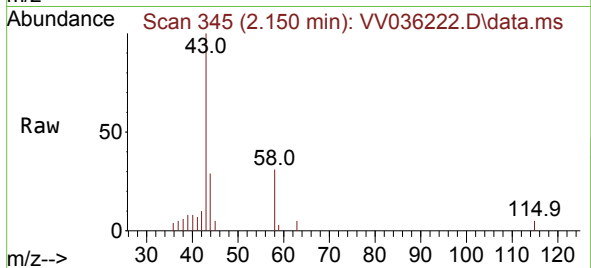
ClientSampleId :

Tgt Ion: 43 Resp: 5583

Ion Ratio Lower Upper

43 100

58 21.0 0.0 24.2



#16

Methylene chloride

Concen: 2.741 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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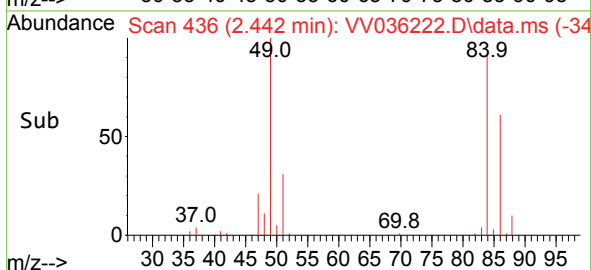
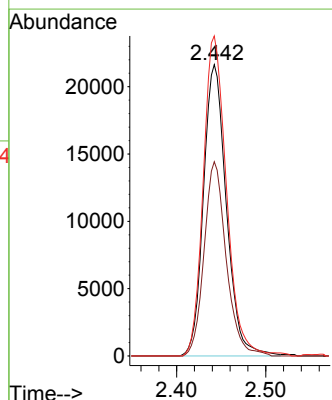
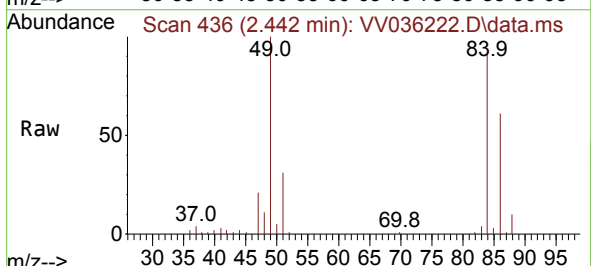
Tgt Ion: 84 Resp: 38656

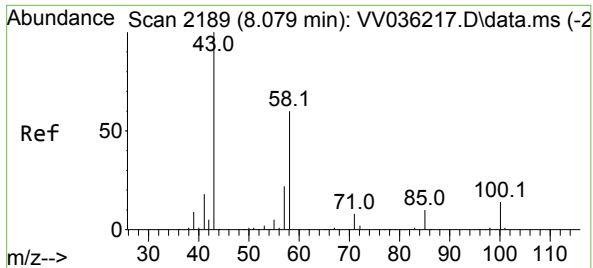
Ion Ratio Lower Upper

84 100

86 66.7 44.6 82.8

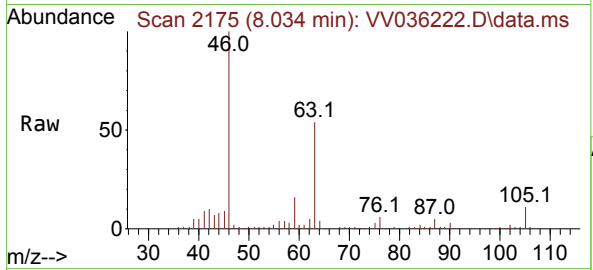
49 109.8 81.1 150.5





#48
2-Hexanone
Concen: 1.107 ug/L
RT: 8.034 min Scan# 21
Delta R.T. -0.045 min
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Acq: 21 Jun 2024 22:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	43	Resp:	5131
Ion	Ratio	Lower	Upper
43	100		
58	36.6	45.4	68.0#
57	33.2	15.8	23.8#
100	5.4	9.8	14.8#

