

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036221.D
 Acq On : 21 Jun 2024 21:50
 Operator : SY/MD
 Sample : P2987-11
 Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 03:00:49 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)

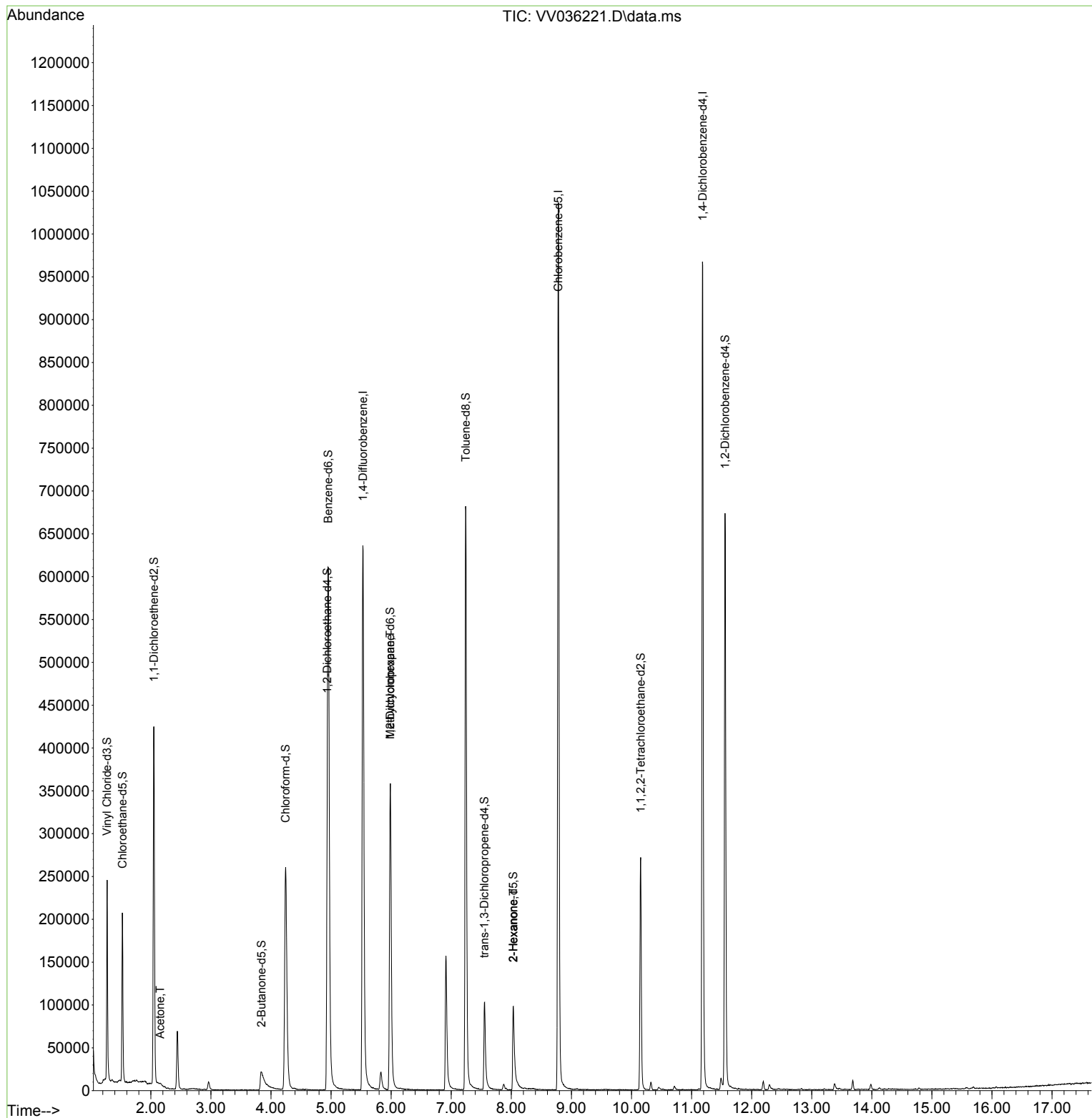
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	556821	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	570581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	253587	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	148609	14.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.080%
7) Chloroethane-d5	1.526	69	129685	15.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.560%
11) 1,1-Dichloroethene-d2	2.050	65	70608	15.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.960%
21) 2-Butanone-d5	3.841	46	48963	20.846	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.700%
24) Chloroform-d	4.243	84	287608	16.247	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.000%
26) 1,2-Dichloroethane-d4	4.937	65	158610	17.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.360%#
32) Benzene-d6	4.953	84	556197	16.399	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.600%
36) 1,2-Dichloropropane-d6	5.985	67	180615	16.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.640%#
41) Toluene-d8	7.239	98	470377	15.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.880%
43) trans-1,3-Dichloroprop...	7.551	79	65286	14.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.640%
47) 2-Hexanone-d5	8.030	63	38538	26.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.260%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	134393	16.838	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.360%
66) 1,2-Dichlorobenzene-d4	11.557	152	174642	18.780	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.120%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	5702	1.558	ug/L #	23
35) Methylcyclohexane	5.985	83	42355	2.678	ug/L #	20
48) 2-Hexanone	8.034	43	4209	1.011	ug/L #	67

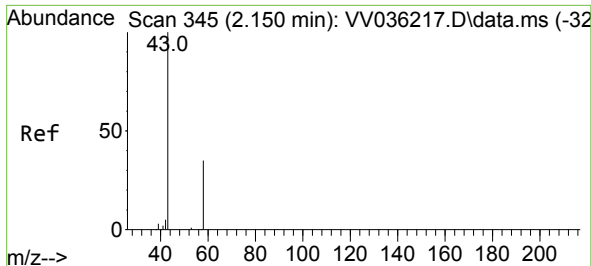
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.558 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.006 min

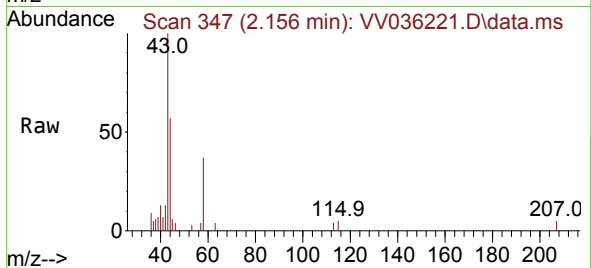
Lab File: VV036221.D

Acq: 21 Jun 2024 21:50

Instrument :

MSVOA_V

ClientSampleId :

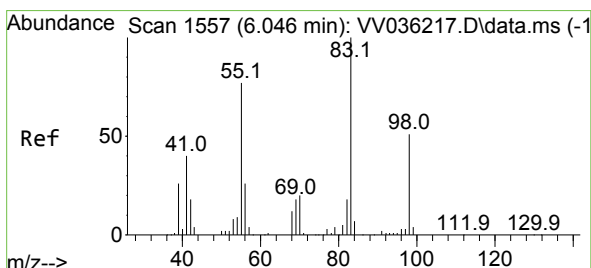
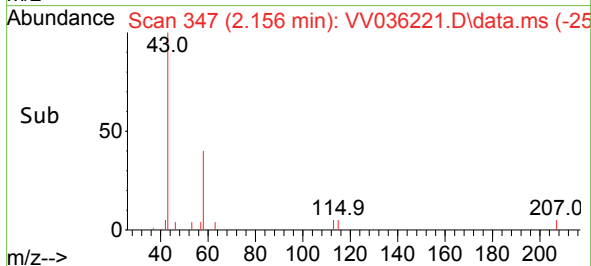
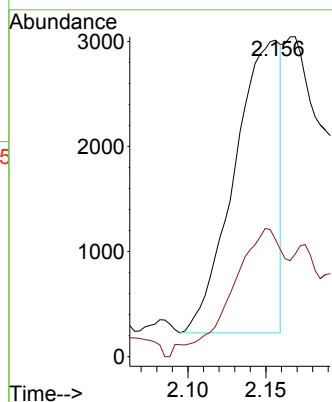


Tgt Ion: 43 Resp: 5702

Ion Ratio Lower Upper

43 100

58 42.0 0.0 24.2#



#35

Methylcyclohexane

Concen: 2.678 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.061 min

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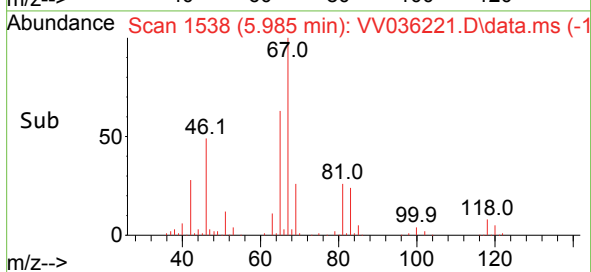
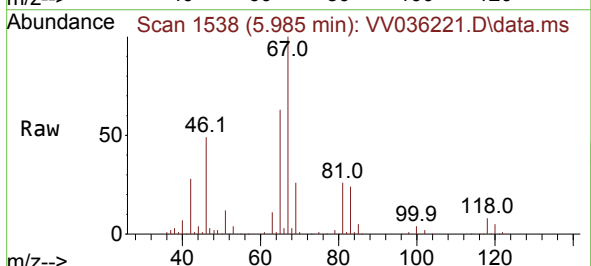
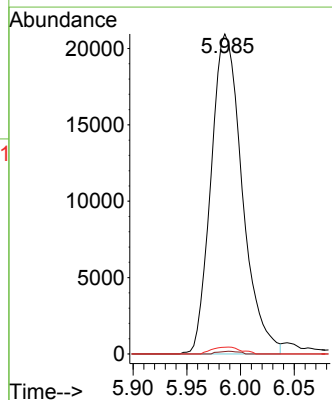
Tgt Ion: 83 Resp: 42355

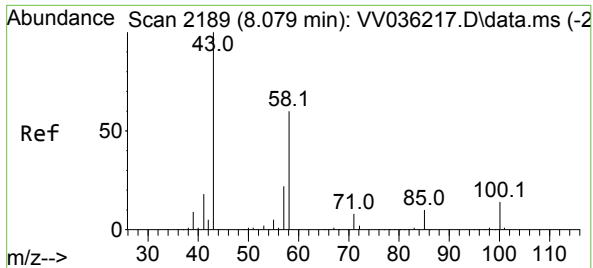
Ion Ratio Lower Upper

83 100

55 0.5 60.7 91.1#

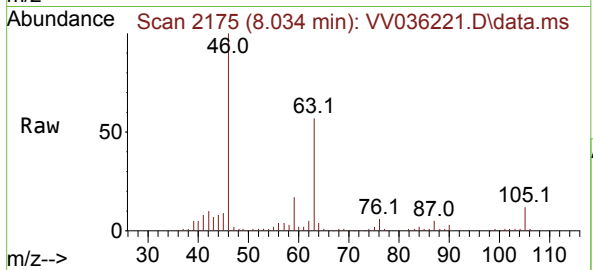
98 1.8 38.7 58.1#





#48
 2-Hexanone
 Concen: 1.011 ug/L
 RT: 8.034 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VV036221.D
 Acq: 21 Jun 2024 21:50

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 4209
Ion Ratio	Lower Upper
43	100
58	46.7 45.4 68.0
57	63.3 15.8 23.8#
100	4.1 9.8 14.8#

