

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036191.D
 Acq On : 21 Jun 2024 03:08
 Operator : SY/MD
 Sample : P2963-10
 Misc : 4.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:17:12 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)

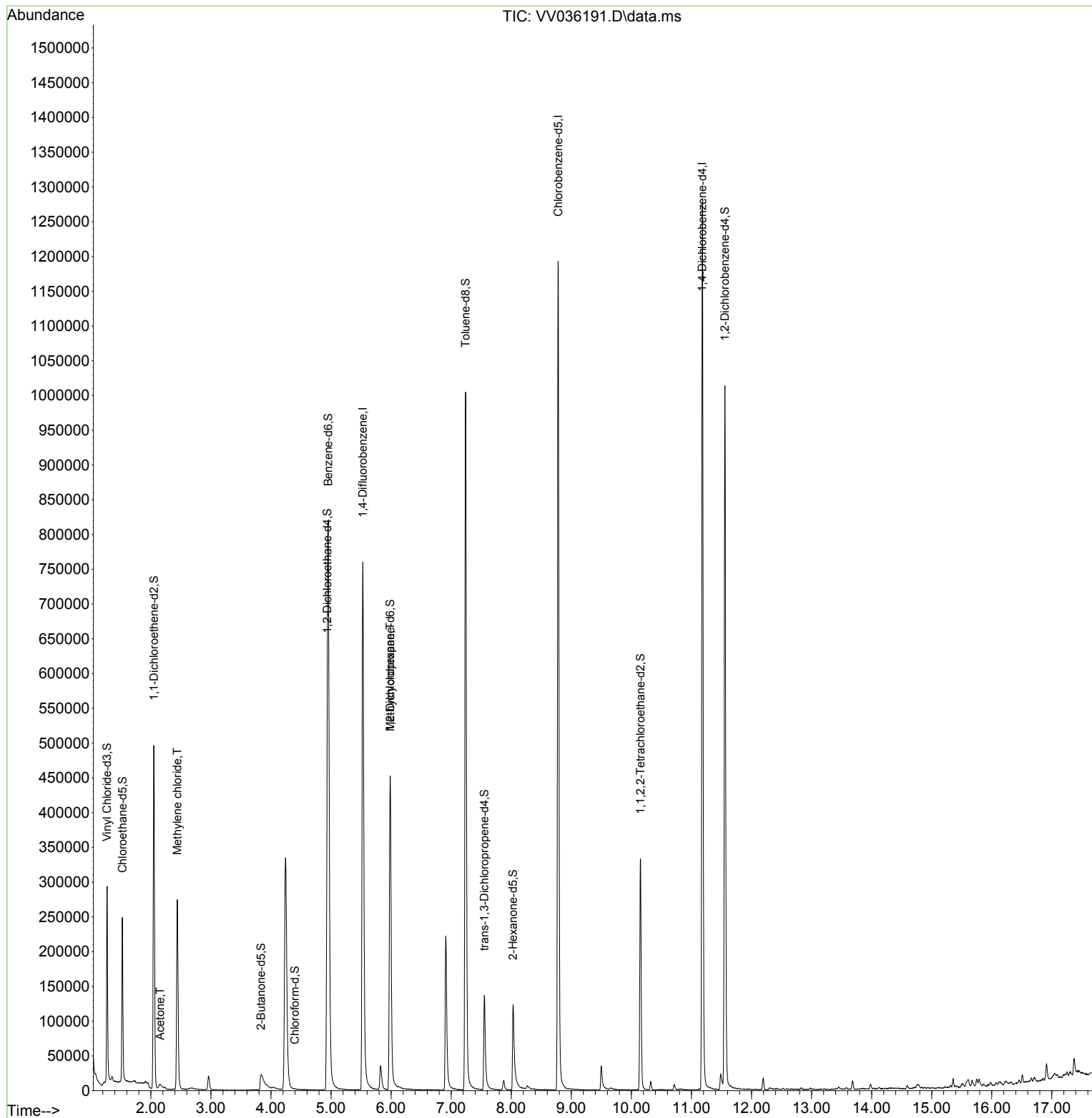
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	688444	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	682385	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	336169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	193045	15.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.000%
7) Chloroethane-d5	1.526	69	161004	15.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.800%
11) 1,1-Dichloroethene-d2	2.050	65	84508	14.998	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.000%
21) 2-Butanone-d5	3.835	46	53530	18.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.860%
24) Chloroform-d	4.397	84	219	0.010	ug/L	0.16
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.040%#
26) 1,2-Dichloroethane-d4	4.937	65	209746	18.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.120%
32) Benzene-d6	4.953	84	777671	19.172	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.680%
36) 1,2-Dichloropropane-d6	5.986	67	230965	18.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.320%
41) Toluene-d8	7.240	98	697161	19.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.920%
43) trans-1,3-Dichloroprop...	7.551	79	91839	17.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.120%
47) 2-Hexanone-d5	8.031	63	54341	31.399	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.800%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	164700	17.255	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	265743	21.557	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.240%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	17507	3.870	ug/L	86
16) Methylene chloride	2.439	84	128415	8.243	ug/L	93
35) Methylcyclohexane	5.986	83	57992	3.066	ug/L #	20

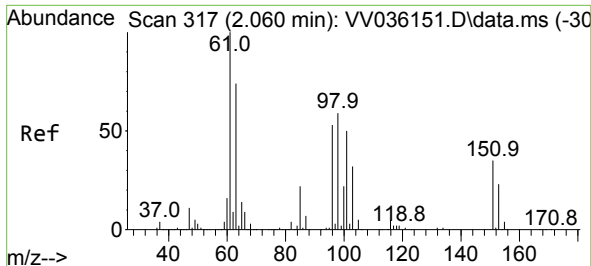
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Acetone

Concen: 3.870 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.007 min

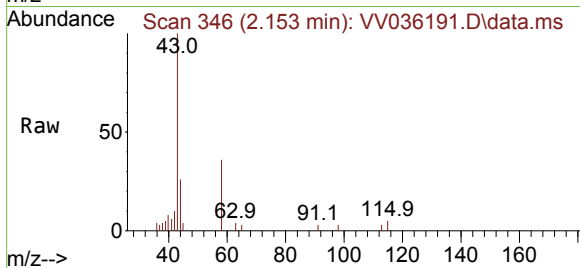
Lab File: VV036191.D

Acq: 21 Jun 2024 03:08

Instrument :

MSVOA_V

ClientSampleId :

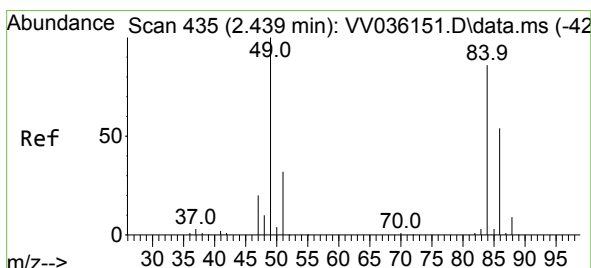
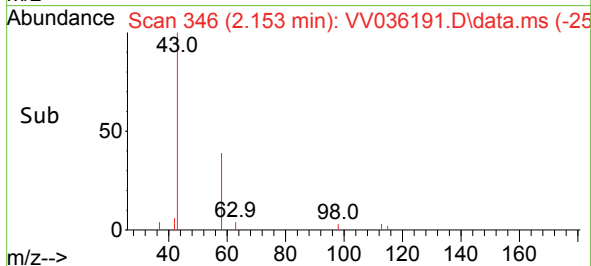
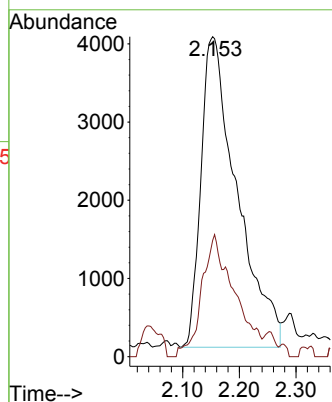


Tgt Ion: 43 Resp: 17507

Ion Ratio Lower Upper

43 100

58 17.5 0.0 24.2



#16

Methylene chloride

Concen: 8.243 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

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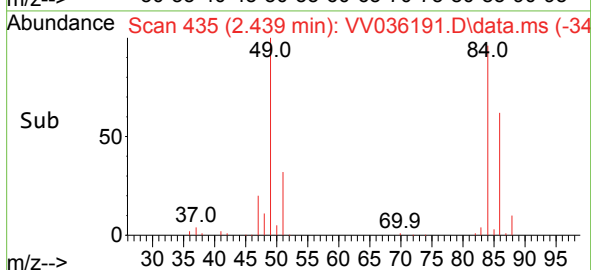
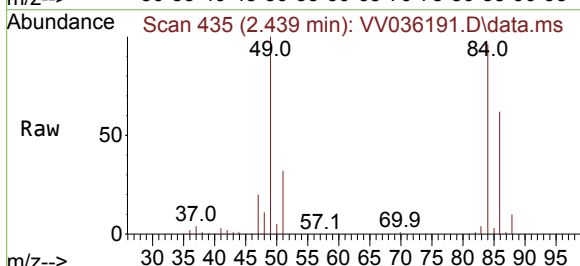
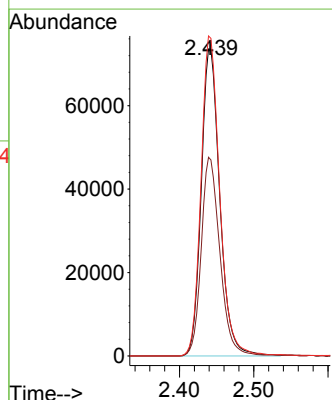
Tgt Ion: 84 Resp: 128415

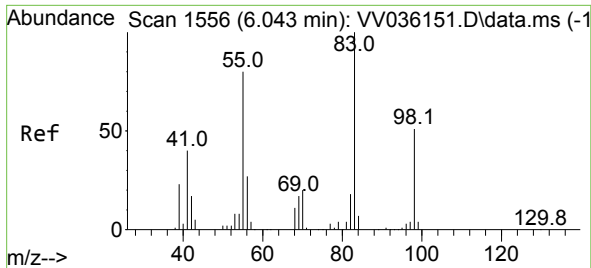
Ion Ratio Lower Upper

84 100

86 64.7 44.6 82.8

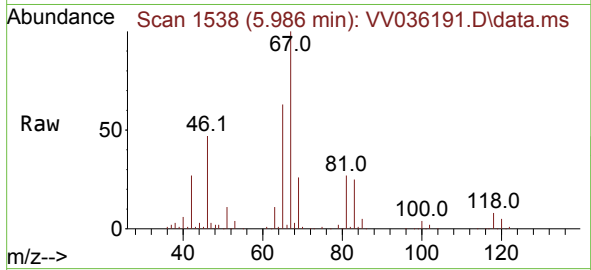
49 104.2 81.1 150.5





#35
 Methylcyclohexane
 Concen: 3.066 ug/L
 RT: 5.986 min Scan# 11
 Delta R.T. -0.058 min
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 Acq: 21 Jun 2024 03:08

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 83 Resp: 57992
 Ion Ratio Lower Upper
 83 100
 55 0.6 60.7 91.1#
 98 1.7 38.7 58.1#

