

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035803.D
 Acq On : 25 May 2024 17:36
 Operator : SY/MD
 Sample : P2589-15
 Misc : 4.84g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 01:46:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 01:41:30 2024
 Response via : Initial Calibration

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

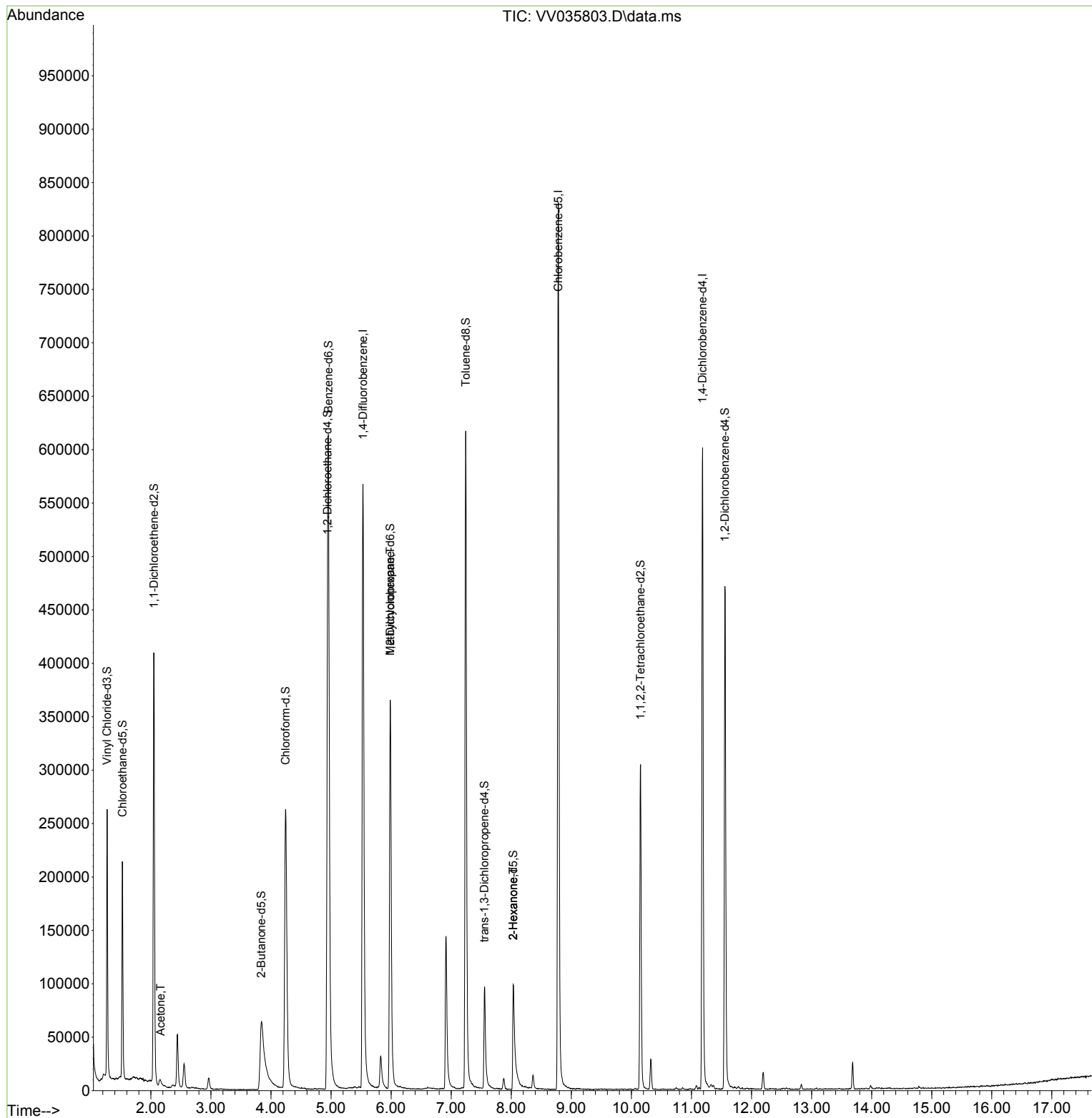
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	513137	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	482835	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	164086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	164224	20.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.840%
7) Chloroethane-d5	1.526	69	134408	21.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.040%
11) 1,1-Dichloroethene-d2	2.050	65	69514	19.798	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.200%
21) 2-Butanone-d5	3.838	46	12774	5.675	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.360%#
24) Chloroform-d	4.243	84	294289	19.291	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.160%
26) 1,2-Dichloroethane-d4	4.941	65	168721	22.372	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.480%
32) Benzene-d6	4.957	84	559419	21.166	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.680%
36) 1,2-Dichloropropane-d6	5.986	67	188960	23.167	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.680%
41) Toluene-d8	7.243	98	437971	18.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.480%
43) trans-1,3-Dichloroprop...	7.555	79	64705	18.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.200%
47) 2-Hexanone-d5	8.034	63	36649	24.988	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.980%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	155778	19.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	129658	22.769	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.080%
Target Compounds						
					Qvalue	
13) Acetone	2.163	43	10752	3.263	ug/L	92
35) Methylcyclohexane	5.986	83	46165	3.364	ug/L #	21
48) 2-Hexanone	8.034	43	4412	1.178	ug/L #	80

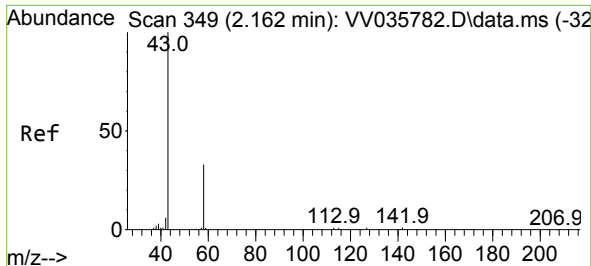
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.263 ug/L

RT: 2.163 min Scan# 34

Delta R.T. 0.000 min

Lab File: VV035803.D

Acq: 25 May 2024 17:36

Instrument :

MSVOA_V

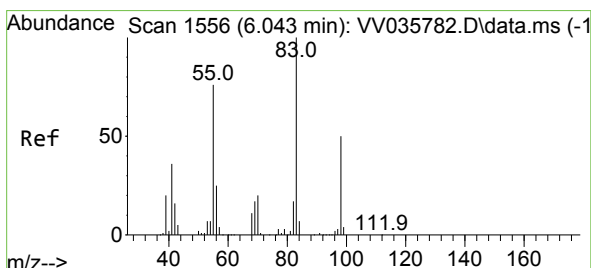
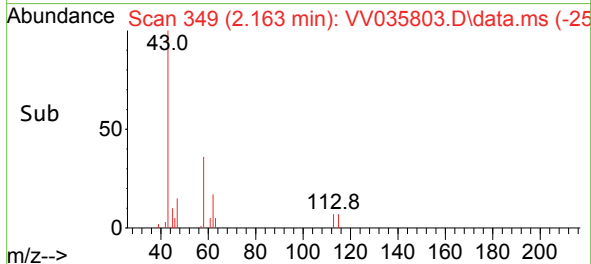
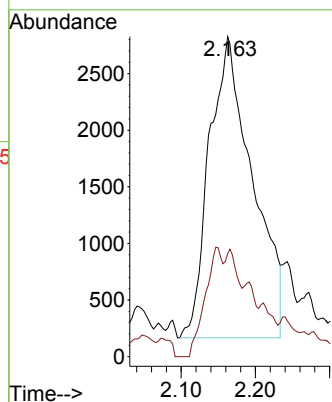
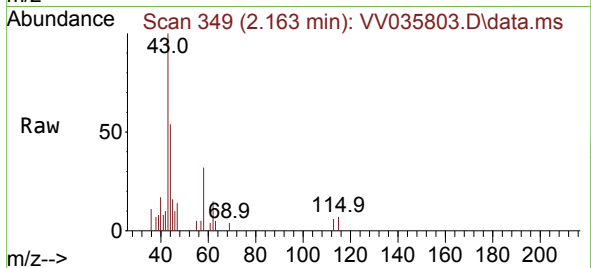
ClientSampleId :

Tgt Ion: 43 Resp: 10752

Ion Ratio Lower Upper

43 100

58 14.5 0.0 22.8



#35

Methylcyclohexane

Concen: 3.364 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.058 min

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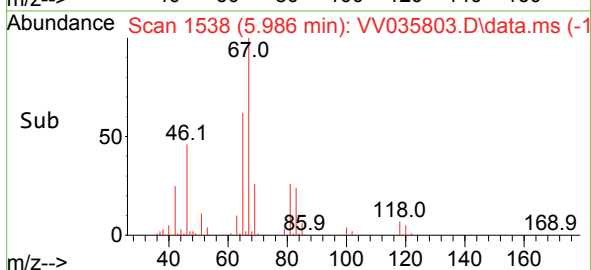
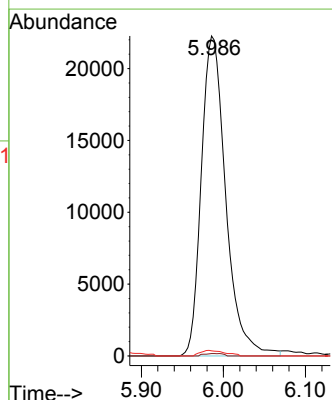
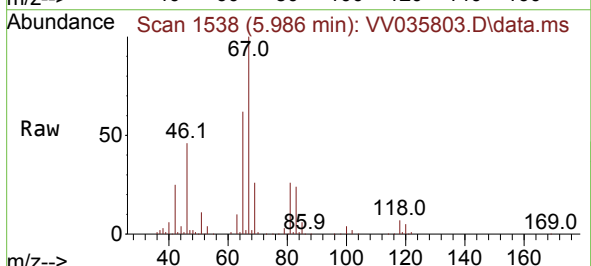
Tgt Ion: 83 Resp: 46165

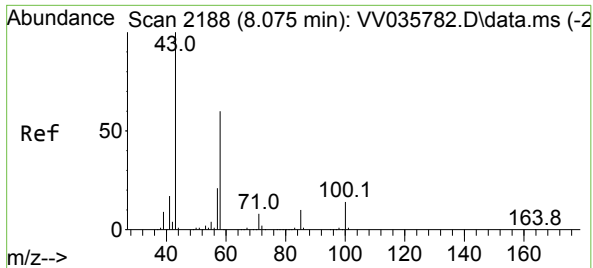
Ion Ratio Lower Upper

83 100

55 0.1 57.5 86.3#

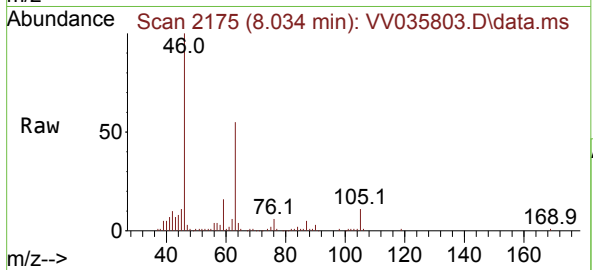
98 1.8 38.6 58.0#





#48
 2-Hexanone
 Concen: 1.178 ug/L
 RT: 8.034 min Scan# 21
 Delta R.T. -0.042 min
 Lab File: VV035803.D
 Acq: 25 May 2024 17:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 4412
Ion Ratio	Lower Upper
43	100
58	52.9 48.8 73.2
57	41.3 16.9 25.3#
100	2.6 11.7 17.5#

