

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035802.D
 Acq On : 25 May 2024 17:13
 Operator : SY/MD
 Sample : P2589-14
 Misc : 4.85g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 01:46:29 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)

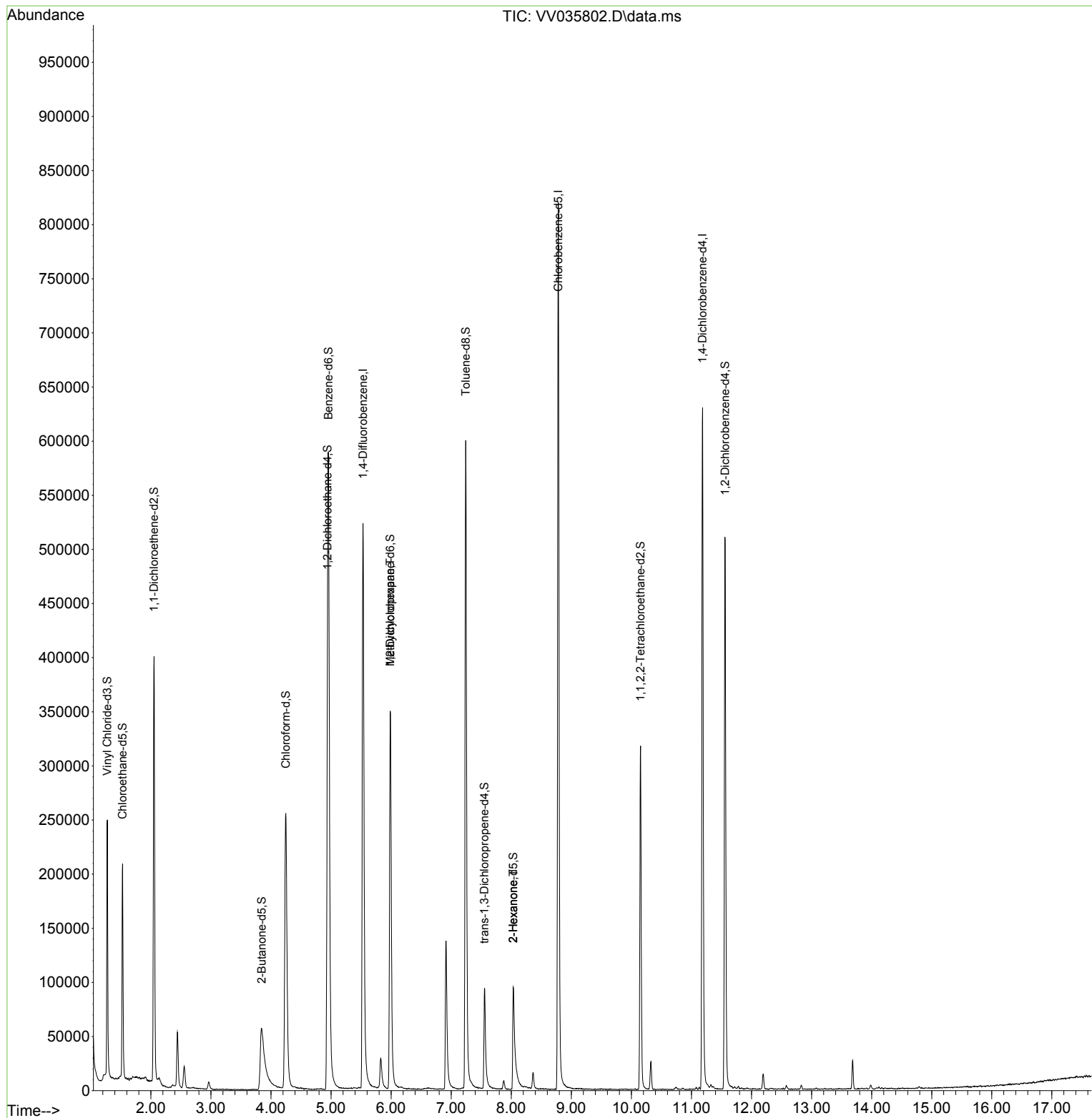
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	470983	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	470939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	175185	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	160080	21.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.960%
7) Chloroethane-d5	1.529	69	129440	22.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.160%
11) 1,1-Dichloroethene-d2	2.053	65	67713	21.011	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.040%
21) 2-Butanone-d5	3.844	46	50023	24.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.420%
24) Chloroform-d	4.246	84	289079	20.645	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	4.941	65	167763	24.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.960%
32) Benzene-d6	4.957	84	535563	20.775	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.120%
36) 1,2-Dichloropropane-d6	5.985	67	183096	23.015	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	7.243	98	425727	18.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.240%
43) trans-1,3-Dichloroprop...	7.555	79	62379	18.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.320%
47) 2-Hexanone-d5	8.034	63	37263	26.048	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.100%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	155781	20.321	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	136512	22.454	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
35) Methylcyclohexane	5.985	83	43026	3.214	ug/L #	21
48) 2-Hexanone	8.034	43	4626	1.267	ug/L #	57

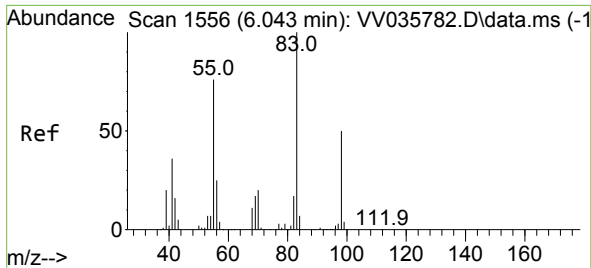
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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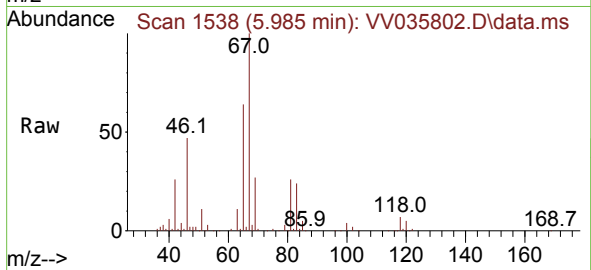
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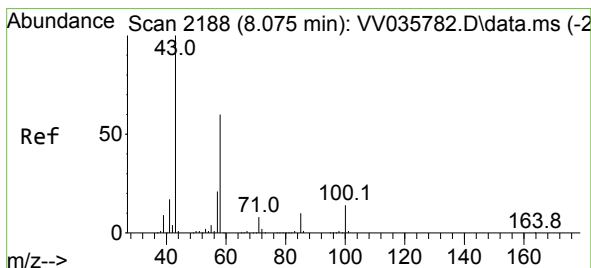
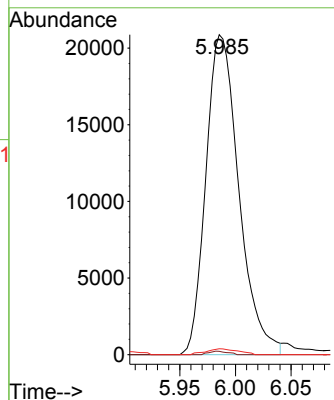
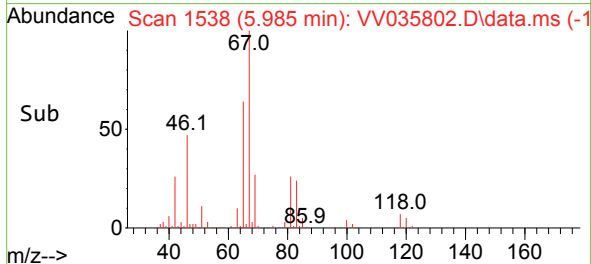


#35
Methylcyclohexane
Concen: 3.214 ug/L
RT: 5.985 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV035802.D
Acq: 25 May 2024 17:13

Instrument :
MSVOA_V
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Tgt Ion: 83 Resp: 43026
Ion Ratio Lower Upper
83 100
55 0.6 57.5 86.3#
98 1.8 38.6 58.0#



#48
2-Hexanone
Concen: 1.267 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.042 min
Lab File: VV035802.D
Acq: 25 May 2024 17:13

Tgt Ion: 43 Resp: 4626
Ion Ratio Lower Upper
43 100
58 27.4 48.8 73.2#
57 49.3 16.9 25.3#
100 10.0 11.7 17.5#

