

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035992.D
 Acq On : 06 Jun 2024 17:00
 Operator : SY/MD
 Sample : P2693-04
 Misc : 5.37g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 07 02:21:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

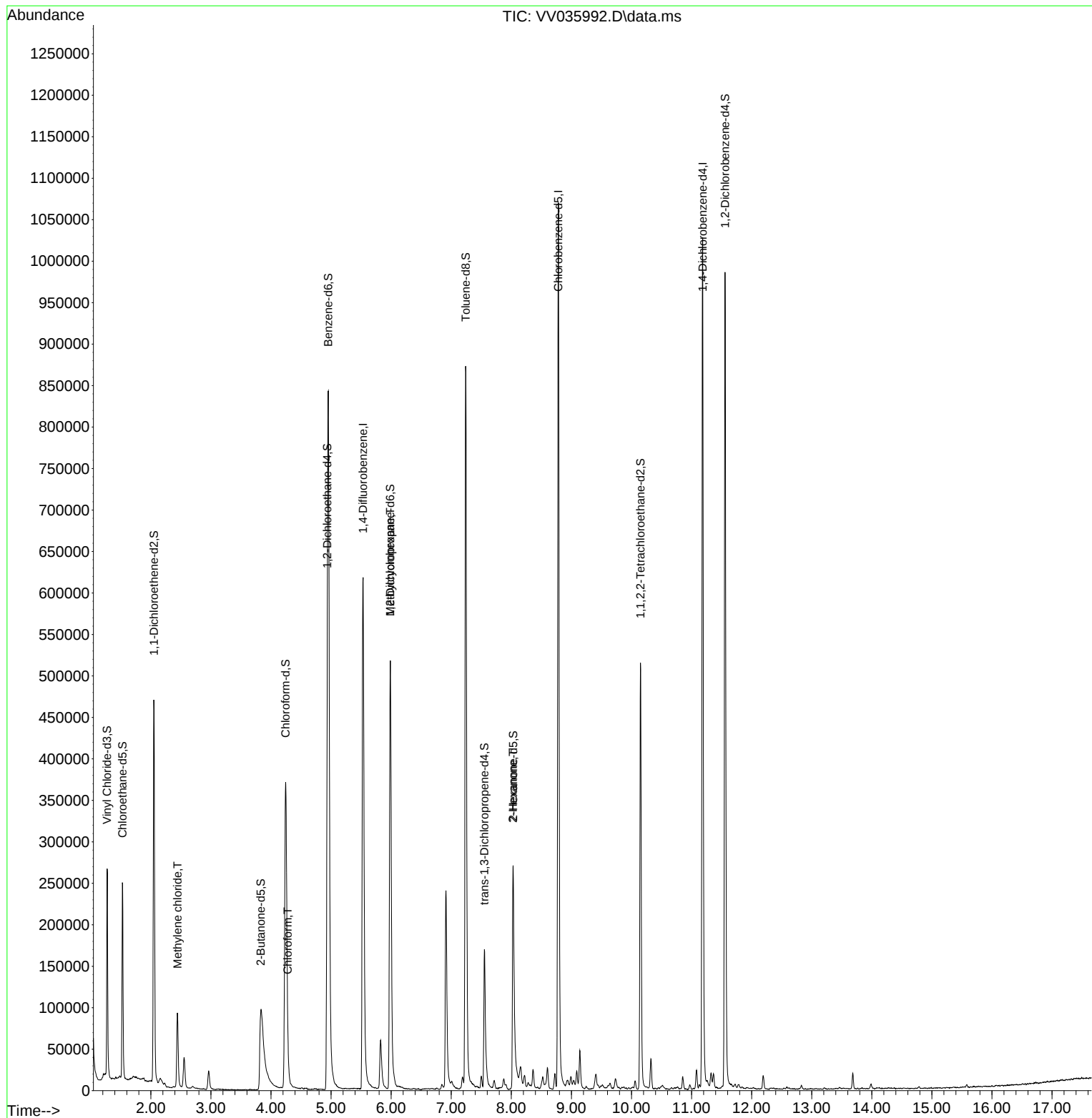
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	552834	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	589475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	273208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	166297	16.362	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.440%		
7) Chloroethane-d5	1.526	69	158401	19.545	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.200%		
11) 1,1-Dichloroethene-d2	2.050	65	80194	17.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.880%		
21) 2-Butanone-d5	3.831	46	149915	64.287	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.580%		
24) Chloroform-d	4.243	84	416213	23.681	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.720%		
26) 1,2-Dichloroethane-d4	4.937	65	244190	26.499	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.000%		
32) Benzene-d6	4.953	84	747088	21.321	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.280%		
36) 1,2-Dichloropropane-d6	5.985	67	268512	24.334	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.320%		
41) Toluene-d8	7.239	98	605711	19.592	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.360%		
43) trans-1,3-Dichloroprop...	7.551	79	104659	23.132	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.520%		
47) 2-Hexanone-d5	8.030	63	104656	70.004	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	140.000%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	252239	30.591	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	122.360%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	253696	25.322	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.280%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	39964	3.195	ug/L	96
25) Chloroform	4.278	83	10045	0.545	ug/L	97
35) Methylcyclohexane	5.985	83	63593	3.892	ug/L #	20
48) 2-Hexanone	8.027	43	14222	3.308	ug/L #	65

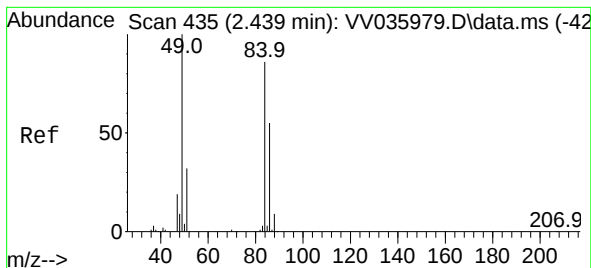
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 07 02:16:44 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.195 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

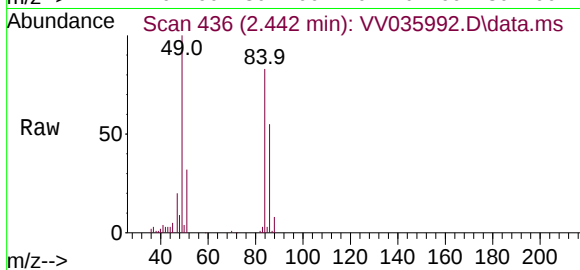
Lab File: VV035992.D

Acq: 06 Jun 2024 17:00

Instrument :

MSVOA_V

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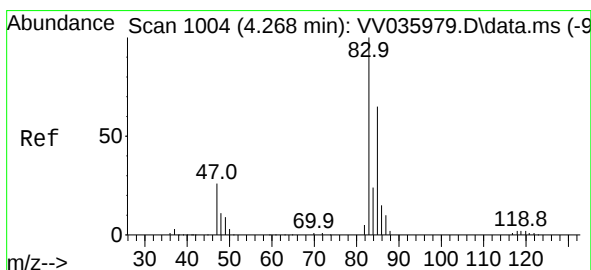
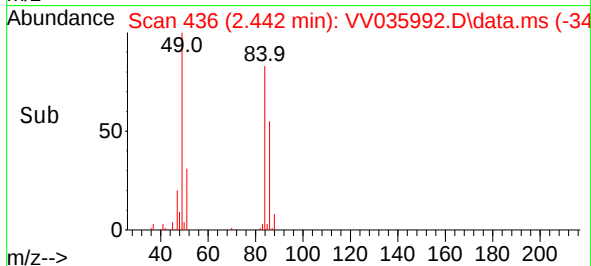
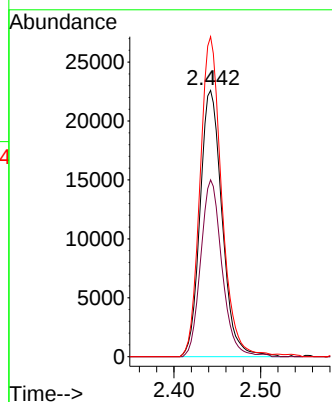
Tgt Ion: 84 Resp: 39964

Ion Ratio Lower Upper

84 100

86 66.4 44.6 82.8

49 120.2 81.1 150.5



#25

Chloroform

Concen: 0.545 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.010 min

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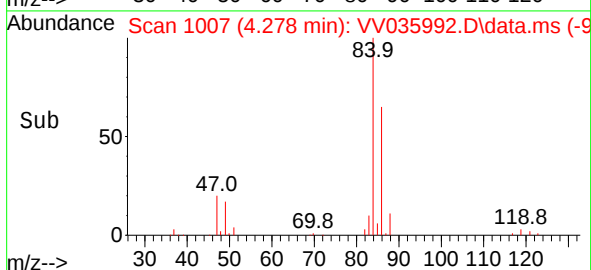
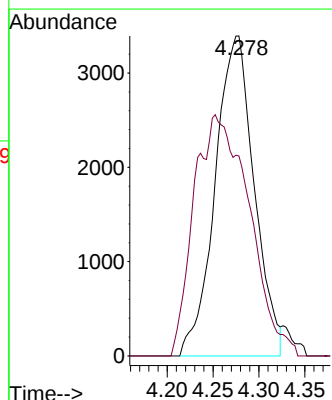
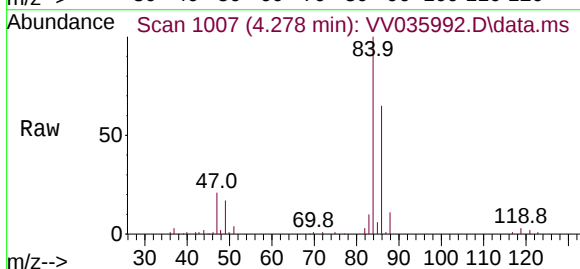
Acq: 06 Jun 2024 17:00

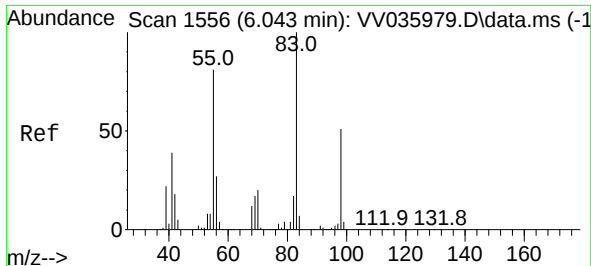
Tgt Ion: 83 Resp: 10045

Ion Ratio Lower Upper

83 100

85 62.5 45.2 84.0





#35

Methylcyclohexane

Concen: 3.892 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.058 min

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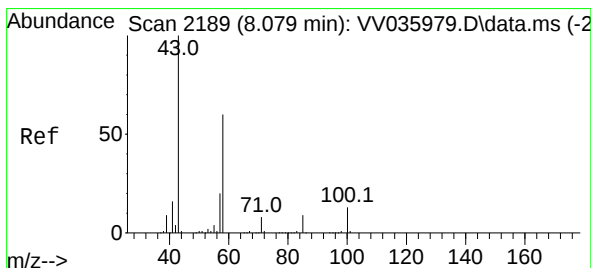
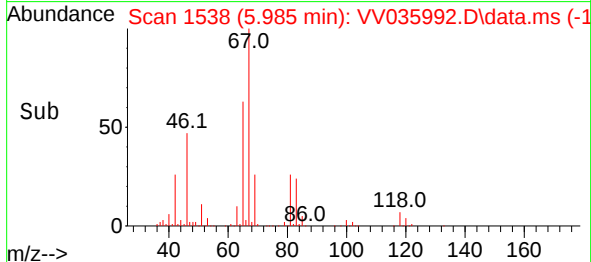
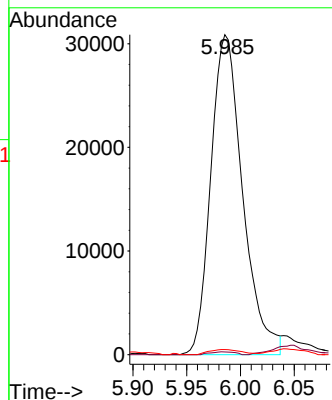
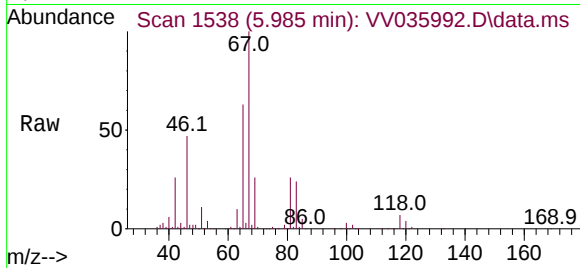
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	63593
Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.7	91.1#
98	1.7	38.7	58.1#



#48

2-Hexanone

Concen: 3.308 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.051 min

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Tgt Ion:	43	Resp:	14222
Ion	Ratio	Lower	Upper
43	100		
58	37.5	45.4	68.0#
57	50.9	15.8	23.8#
100	2.2	9.8	14.8#

