

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052824\
 Data File : VW035838.D
 Acq On : 28 May 2024 12:09
 Operator : SY/MD
 Sample : P2586-02
 Misc : 5.69g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 02:25:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:22:14 2024
 Response via : Initial Calibration

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

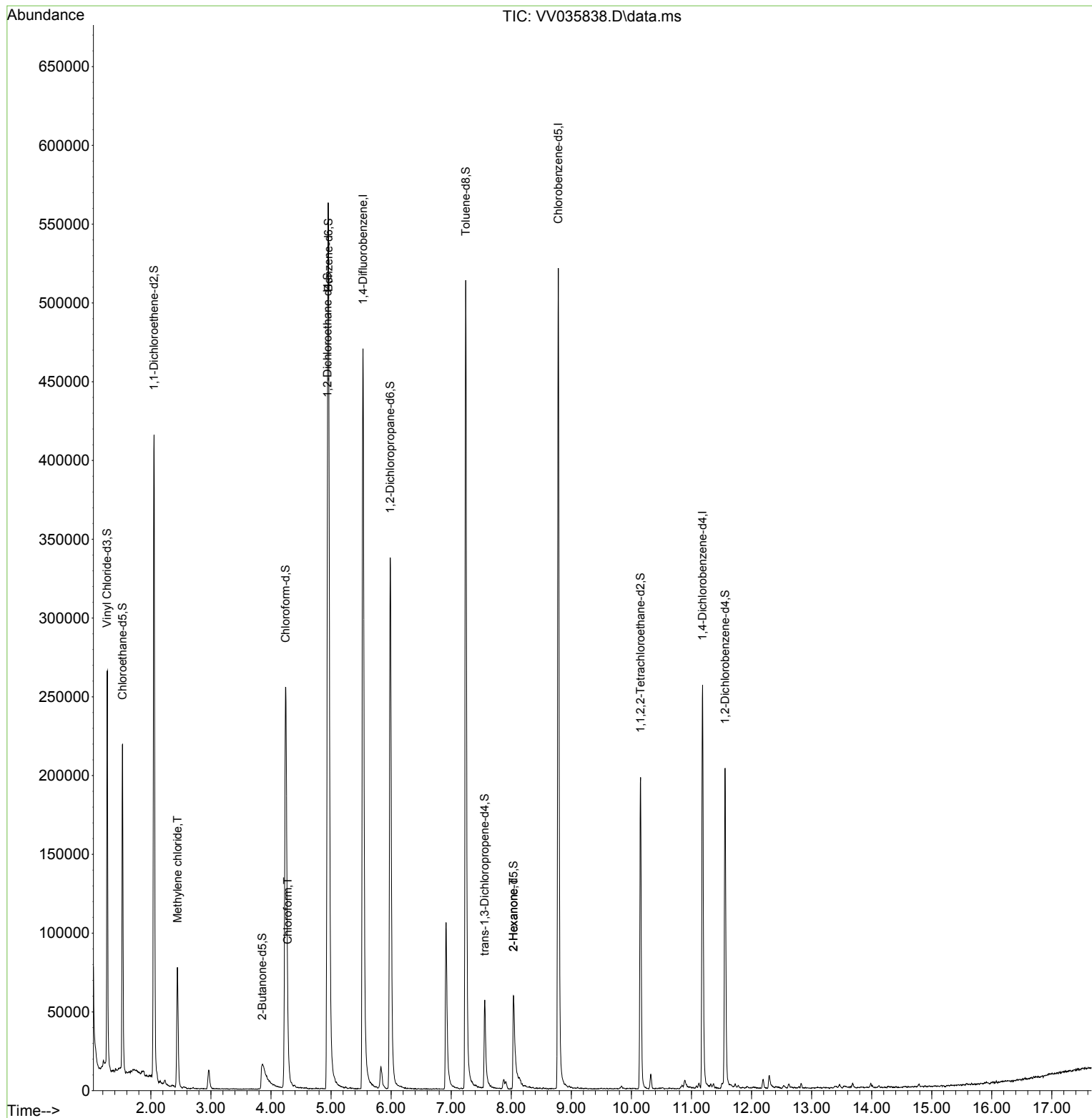
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	425640	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	303726	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	72586	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	166645	25.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.320%
7) Chloroethane-d5	1.529	69	139401	26.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.080%
11) 1,1-Dichloroethene-d2	2.053	65	70355	24.156	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.640%
21) 2-Butanone-d5	3.854	46	11693	6.263	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.520%#
24) Chloroform-d	4.243	84	287957	22.756	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.040%
26) 1,2-Dichloroethane-d4	4.941	65	138710	22.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.680%
32) Benzene-d6	4.957	84	530597	31.914	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.640%
36) 1,2-Dichloropropane-d6	5.985	67	176132	34.328	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.320%#
41) Toluene-d8	7.243	98	363220	24.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.558	79	38215	17.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.680%
47) 2-Hexanone-d5	8.037	63	22896	24.817	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.640%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	100529	20.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.320%
66) 1,2-Dichlorobenzene-d4	11.561	152	55931	22.203	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	34099	3.474	ug/L	98
25) Chloroform	4.278	83	7411	0.516	ug/L	95
48) 2-Hexanone	8.037	43	2436	1.034	ug/L #	80

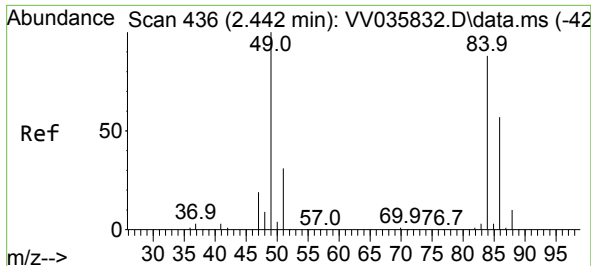
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 29 02:22:14 2024
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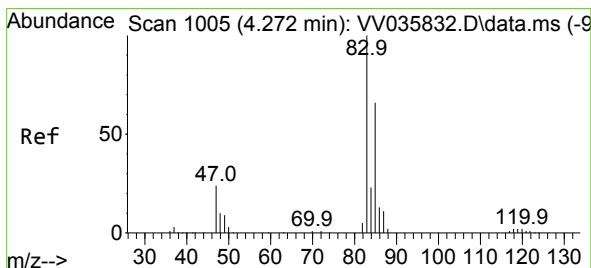
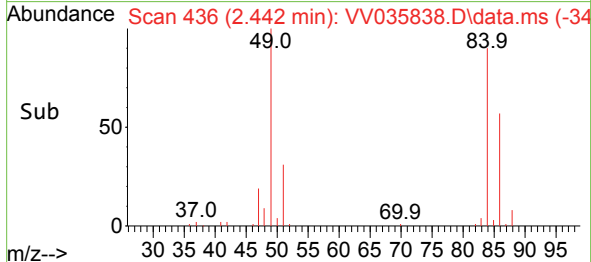
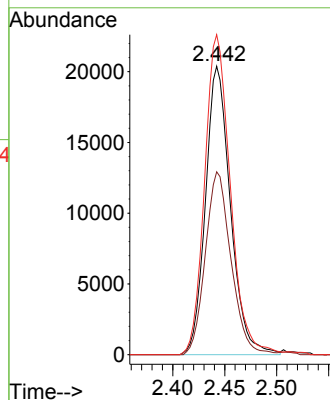
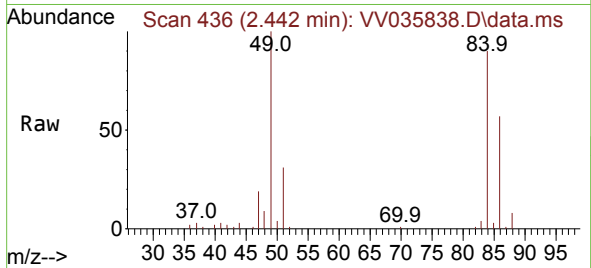




#16
Methylene chloride
Concen: 3.474 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035838.D
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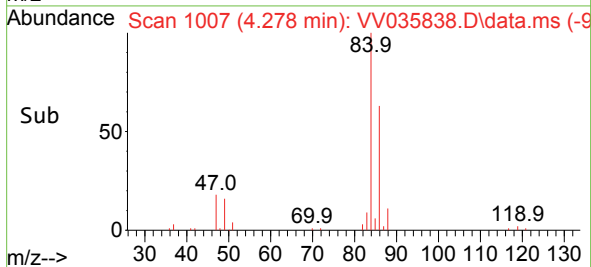
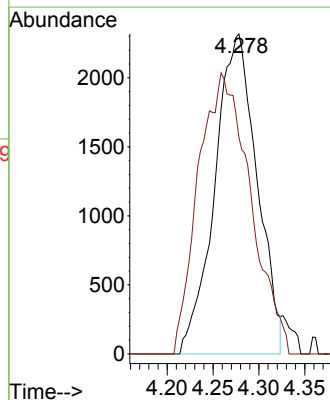
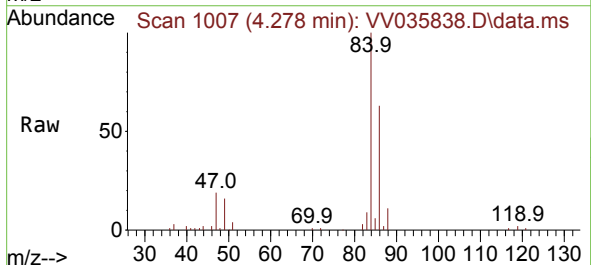
Instrument :
MSVOA_V
ClientSampleId :

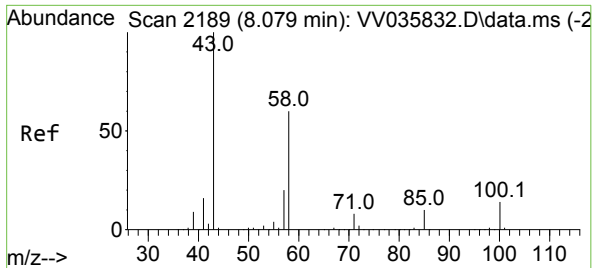
Tgt Ion: 84 Resp: 34099
Ion Ratio Lower Upper
84 100
86 63.4 43.8 81.3
49 110.9 75.3 139.9



#25
Chloroform
Concen: 0.516 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VV035838.D
Acq: 28 May 2024 12:09

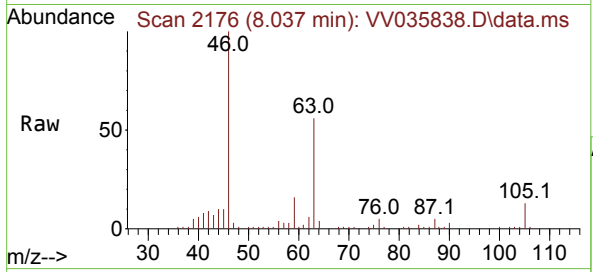
Tgt Ion: 83 Resp: 7411
Ion Ratio Lower Upper
83 100
85 67.6 44.7 82.9





#48
 2-Hexanone
 Concen: 1.034 ug/L
 RT: 8.037 min Scan# 21
 Delta R.T. -0.042 min
 Lab File: VV035838.D
 Acq: 28 May 2024 12:09

Instrument :
 MSVOA_V
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Tgt Ion: 43 Resp: 2436

Ion	Ratio	Lower	Upper
43	100		
58	58.5	48.8	73.2
57	54.2	16.9	25.3#
100	8.1	11.7	17.5#

