

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035931.D
 Acq On : 31 May 2024 15:43
 Operator : SY/MD
 Sample : P2586-13
 Misc : 5.08g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 22:59:48 2024
 Response via : Initial Calibration

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

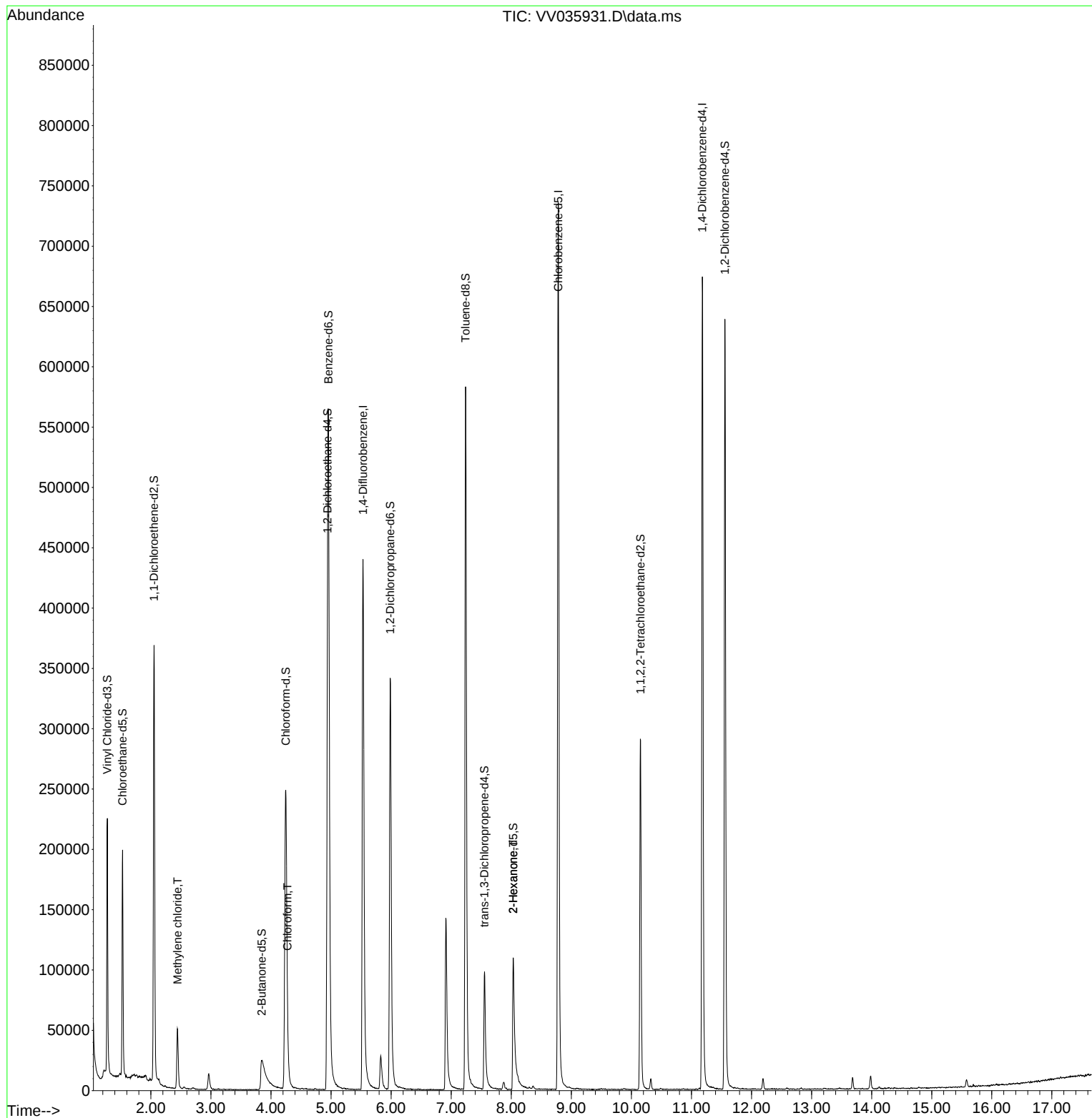
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	397021	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	422428	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	184779	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	137429	18.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.320%
7) Chloroethane-d5	1.529	69	121958	20.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.053	65	62461	19.222	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.880%
21) 2-Butanone-d5	3.844	46	63073	37.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.320%
24) Chloroform-d	4.246	84	280230	22.201	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.941	65	155222	23.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.957	84	513594	20.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.986	67	178192	22.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	7.240	98	412006	18.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.555	79	65657	20.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.000%
47) 2-Hexanone-d5	8.034	63	41103	38.366	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.740%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	147872	25.025	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	170277	25.129	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.520%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	22237	2.475	ug/L	95
25) Chloroform	4.275	83	8228	0.622	ug/L	91
48) 2-Hexanone	8.034	43	4926	1.599	ug/L #	76

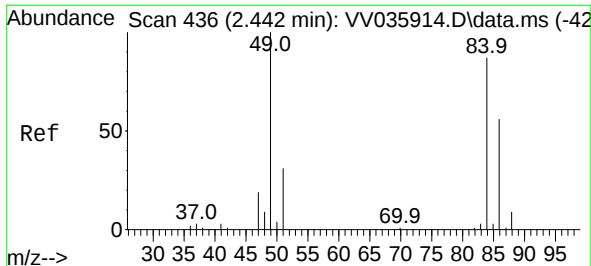
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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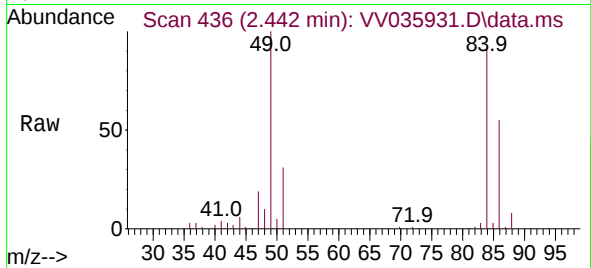
Quant Time: May 31 23:04:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
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QLast Update : Fri May 31 22:59:48 2024
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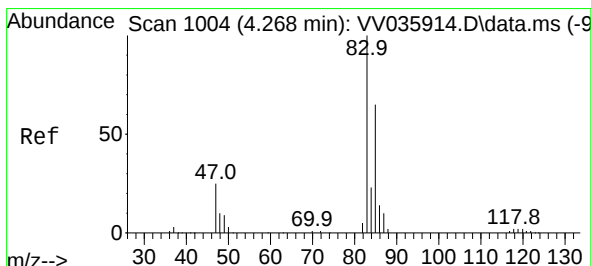
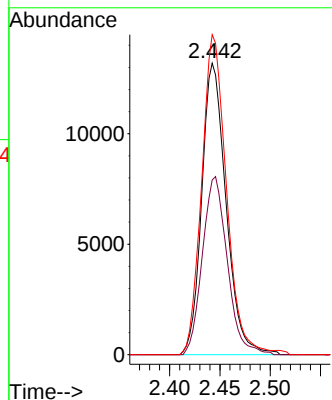
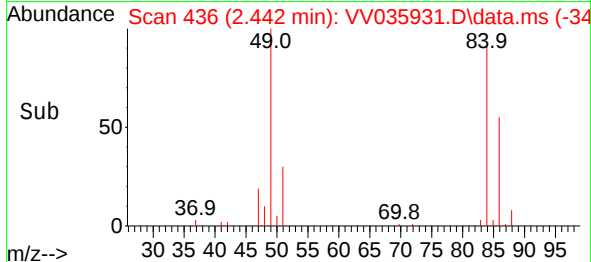


#16
Methylene chloride
Concen: 2.475 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035931.D
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Instrument :
MSVOA_V
ClientSampleId :

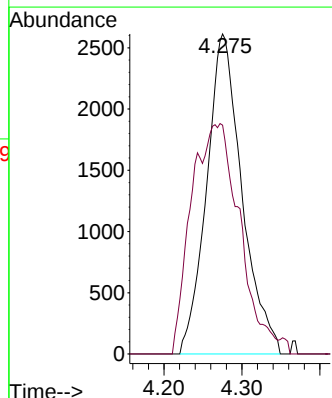
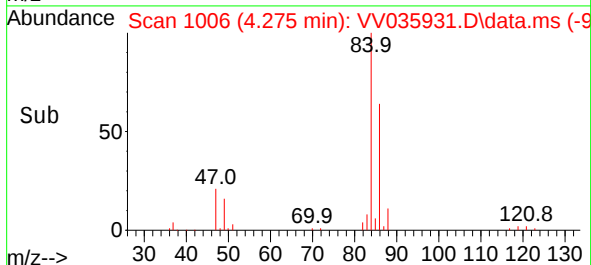
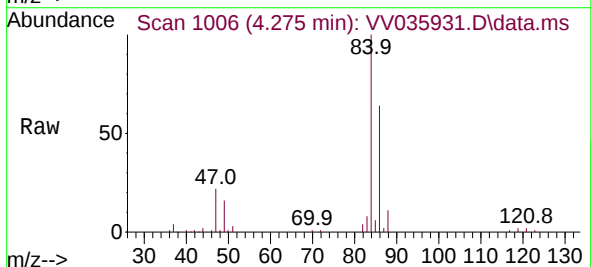


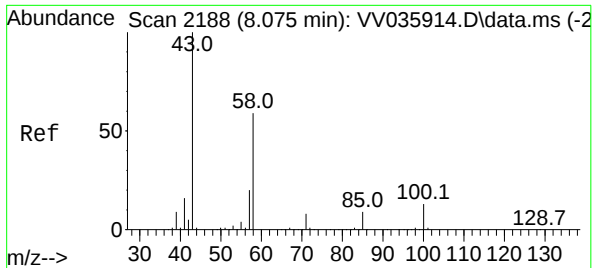
Tgt Ion: 84 Resp: 22237
Ion Ratio Lower Upper
84 100
86 59.9 44.6 82.8
49 109.8 81.1 150.5



#25
Chloroform
Concen: 0.622 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.007 min
Lab File: VV035931.D
Acq: 31 May 2024 15:43

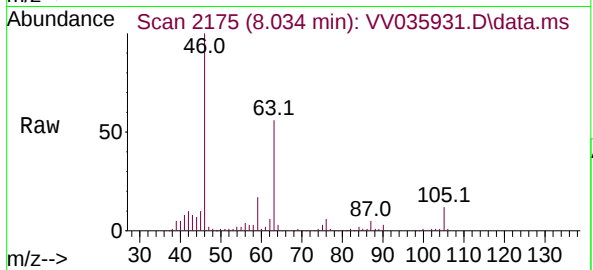
Tgt Ion: 83 Resp: 8228
Ion Ratio Lower Upper
83 100
85 71.5 45.2 84.0





#48
 2-Hexanone
 Concen: 1.599 ug/L
 RT: 8.034 min Scan# 21
 Delta R.T. -0.042 min
 Lab File: VV035931.D
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Tgt Ion: 43	Resp: 4926
Ion Ratio	Lower Upper
43	100
58	49.9 45.4 68.0
57	50.7 15.8 23.8#
100	3.3 9.8 14.8#

