

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035890.D
 Acq On : 30 May 2024 13:21
 Operator : SY/MD
 Sample : P2577-04
 Misc : 5.78g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:51:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:49:35 2024
 Response via : Initial Calibration

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

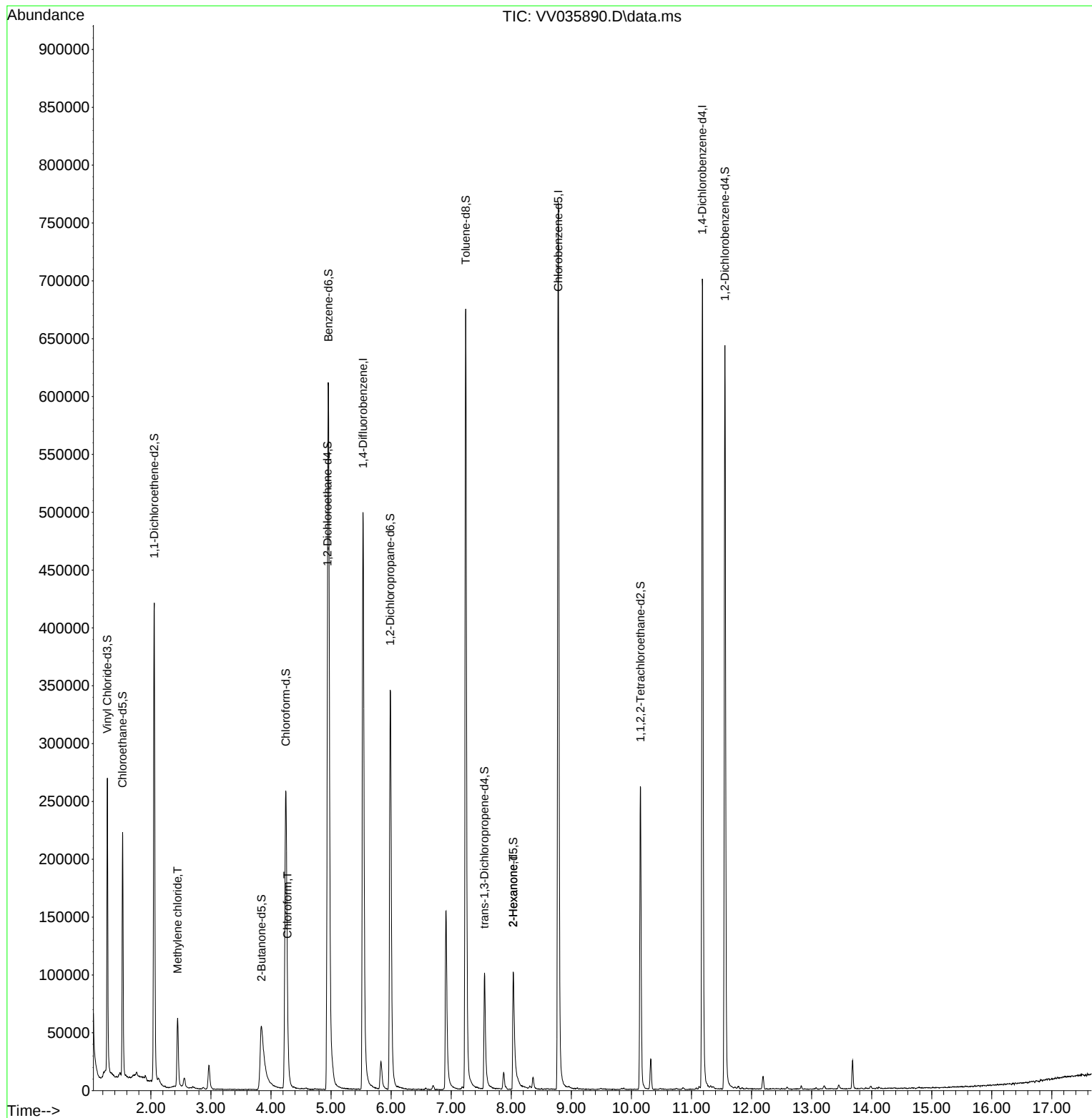
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	441575	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	438903	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	192311	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	164339	20.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.960%
7) Chloroethane-d5	1.529	69	136134	21.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
11) 1,1-Dichloroethene-d2	2.056	65	72476	20.054	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.200%
21) 2-Butanone-d5	3.841	46	65769	35.309	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.620%
24) Chloroform-d	4.246	84	292663	20.847	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	4.941	65	149219	20.273	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.080%
32) Benzene-d6	4.957	84	568537	21.792	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.160%
36) 1,2-Dichloropropane-d6	5.986	67	183304	22.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.240%
41) Toluene-d8	7.243	98	469551	20.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.555	79	66235	19.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.640%
47) 2-Hexanone-d5	8.034	63	39538	35.520	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.040%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	132130	21.522	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	175536	24.891	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.445	84	25871	2.589	ug/L	97
25) Chloroform	4.275	83	8144	0.553	ug/L	95
48) 2-Hexanone	8.034	43	4110	1.284	ug/L #	76

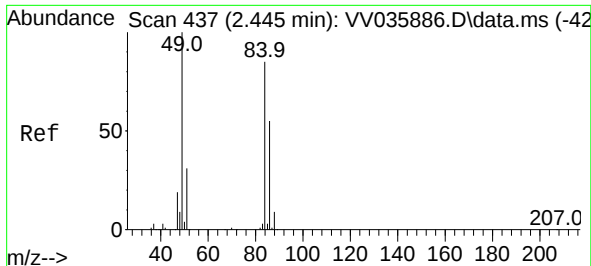
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.589 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.000 min

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MSVOA_V

ClientSampleId :

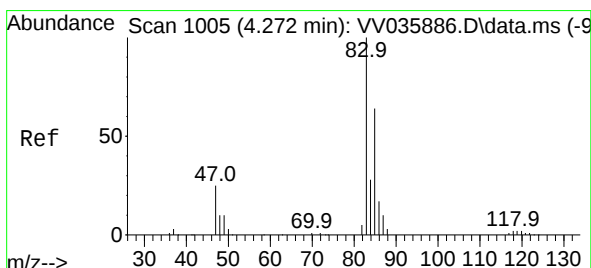
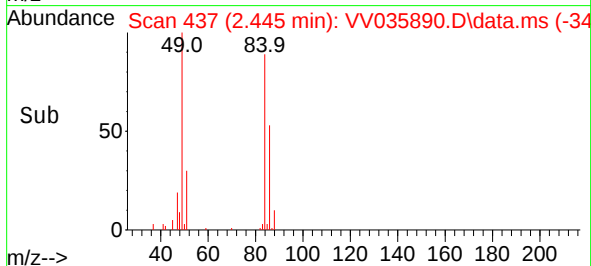
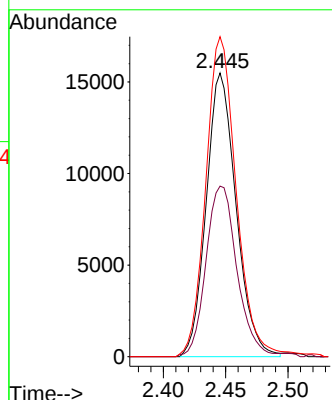
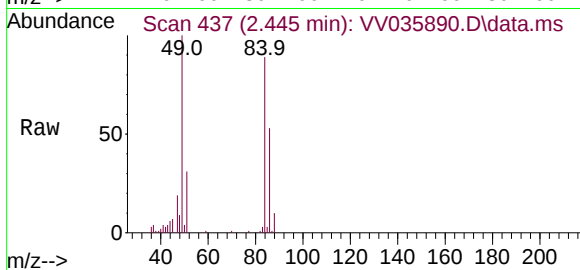
Tgt Ion: 84 Resp: 25871

Ion Ratio Lower Upper

84 100

86 60.1 44.6 82.8

49 112.8 81.1 150.5



#25

Chloroform

Concen: 0.553 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

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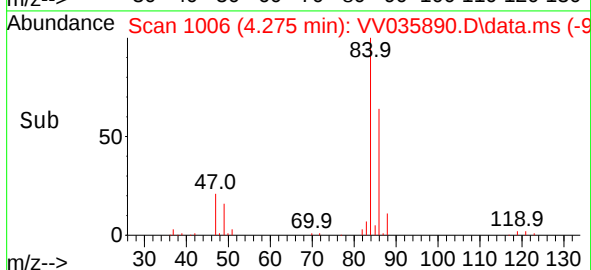
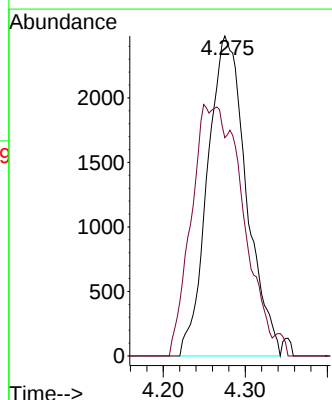
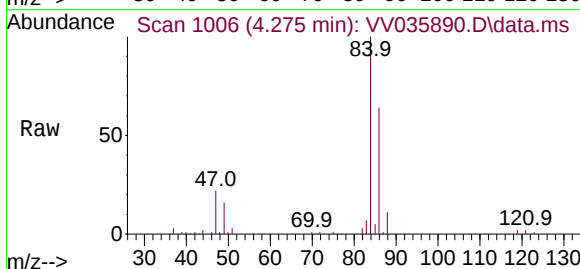
Acq: 30 May 2024 13:21

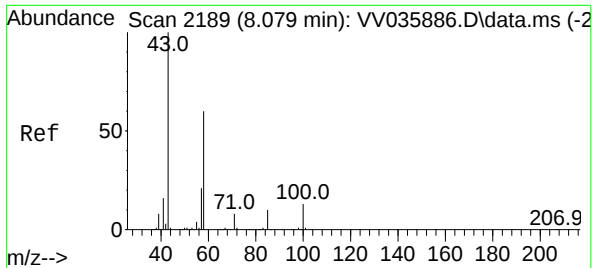
Tgt Ion: 83 Resp: 8144

Ion Ratio Lower Upper

83 100

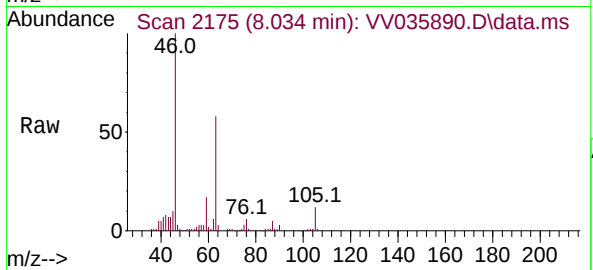
85 68.2 45.2 84.0





#48
 2-Hexanone
 Concen: 1.284 ug/L
 RT: 8.034 min Scan# 2189
 Delta R.T. -0.045 min
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Tgt Ion: 43	Resp: 4110
Ion Ratio	Lower Upper
43 100	
58 51.1	45.4 68.0
57 53.2	15.8 23.8#
100 4.5	9.8 14.8#

