

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035904.D
 Acq On : 30 May 2024 18:40
 Operator : SY/MD
 Sample : P2659-3
 Misc : 5.22g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:54:21 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

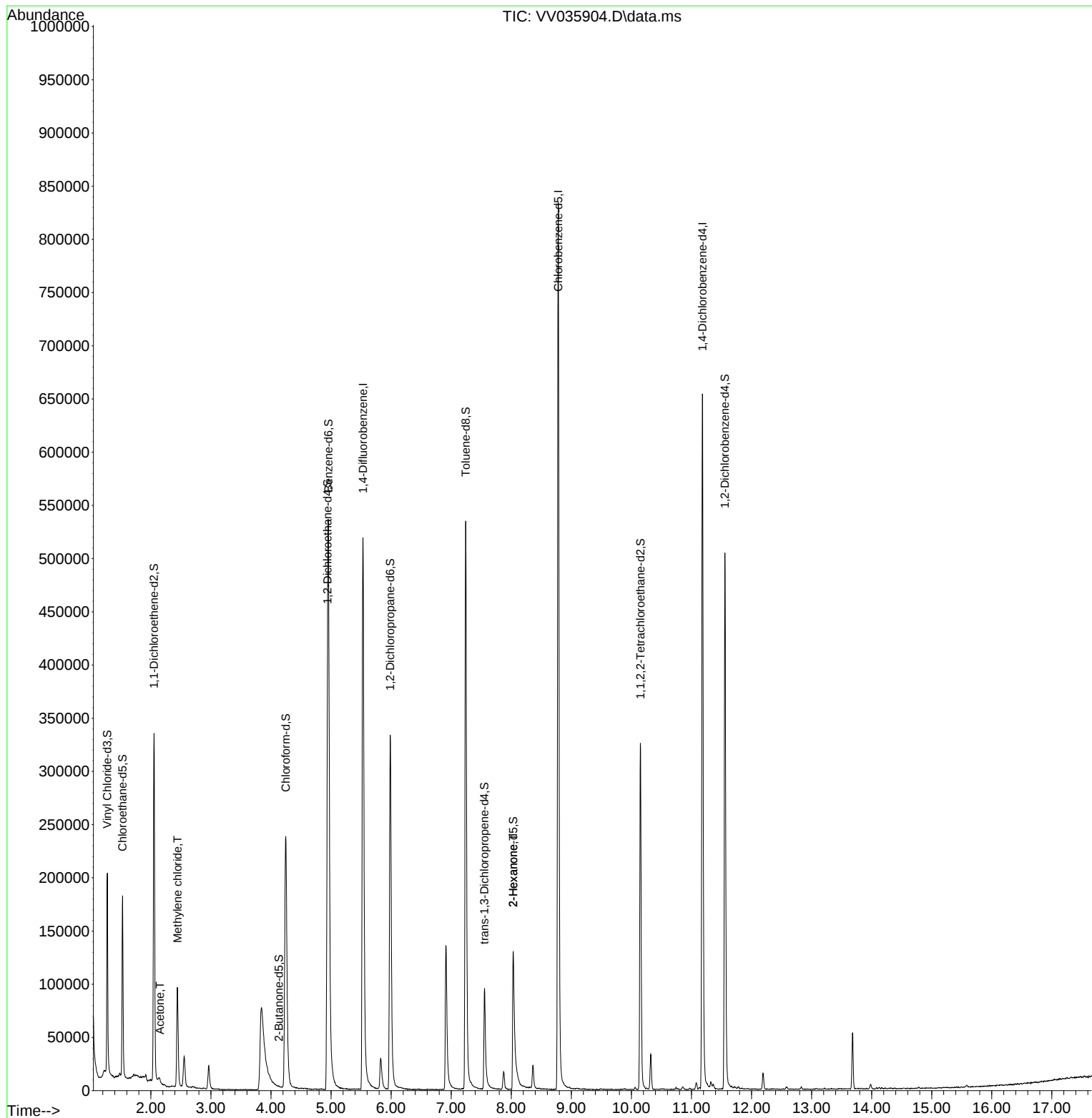
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	466799	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	477175	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	181500	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	123655	14.408	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	57.640%	
7) Chloroethane-d5	1.529	69	111456	16.287	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	65.160%	
11) 1,1-Dichloroethene-d2	2.053	65	56644	14.826	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	59.320%	
21) 2-Butanone-d5	4.130	46	230	0.117	ug/L	0.28
Spiked Amount	50.000	Range 20 - 135	Recovery	=	0.240%#	
24) Chloroform-d	4.246	84	264344	17.812	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	71.240%	
26) 1,2-Dichloroethane-d4	4.941	65	159228	20.464	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	81.840%	
32) Benzene-d6	4.957	84	477937	16.850	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	67.400%	
36) 1,2-Dichloropropane-d6	5.986	67	173675	19.444	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	77.760%	
41) Toluene-d8	7.243	98	378701	15.132	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	60.520%	
43) trans-1,3-Dichloroprop...	7.555	79	62926	17.181	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	68.720%	
47) 2-Hexanone-d5	8.034	63	50710	41.902	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	83.800%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	162429	24.335	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	97.320%	
66) 1,2-Dichlorobenzene-d4	11.558	152	134375	20.189	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	80.760%	
Target Compounds						
13) Acetone	2.150	43	4751	1.549	ug/L #	45
16) Methylene chloride	2.442	84	41081	3.889	ug/L	99
48) 2-Hexanone	8.034	43	5846	1.680	ug/L #	76

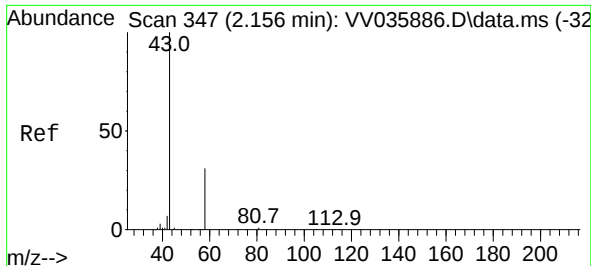
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.549 ug/L

RT: 2.150 min Scan# 347

Delta R.T. -0.006 min

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Instrument :

MSVOA_V

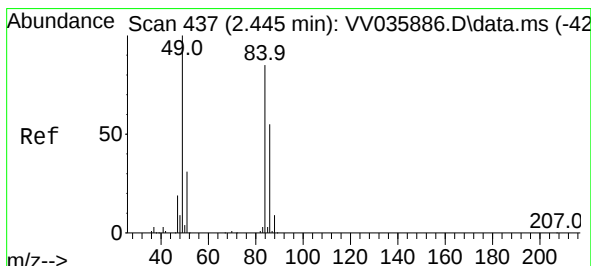
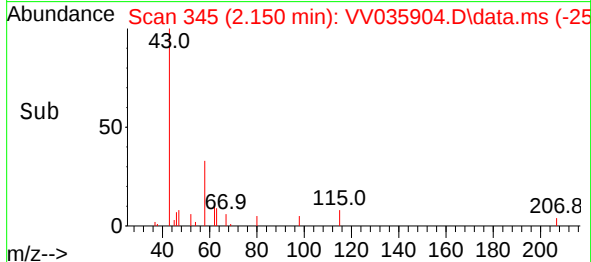
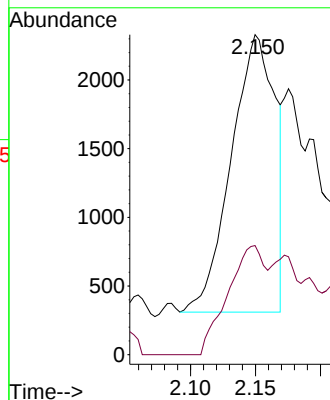
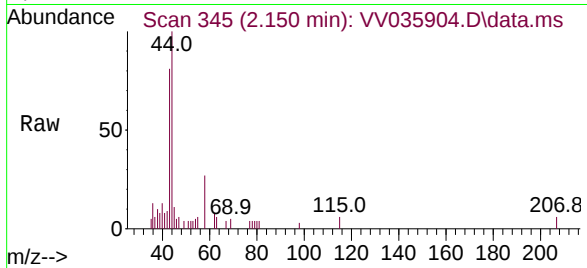
ClientSampleId :

Tgt Ion: 43 Resp: 4751

Ion Ratio Lower Upper

43 100

58 33.5 0.0 24.2#



#16

Methylene chloride

Concen: 3.889 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

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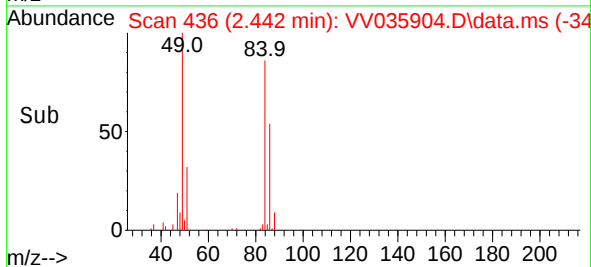
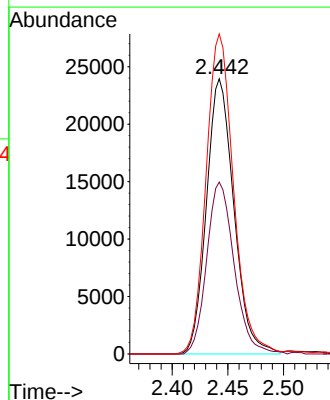
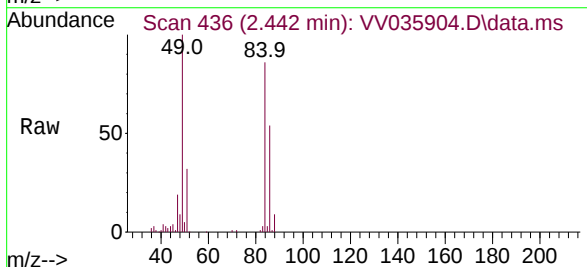
Tgt Ion: 84 Resp: 41081

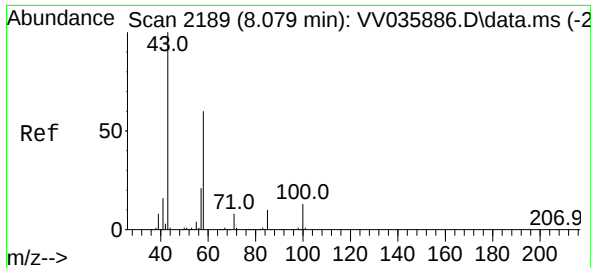
Ion Ratio Lower Upper

84 100

86 62.4 44.6 82.8

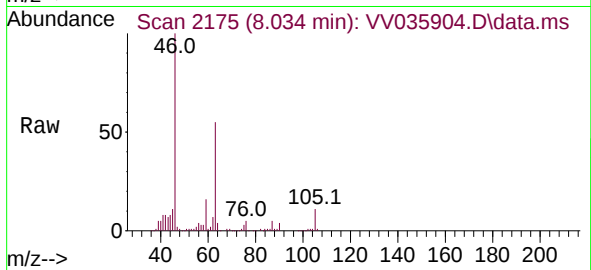
49 116.3 81.1 150.5





#48
 2-Hexanone
 Concen: 1.680 ug/L
 RT: 8.034 min Scan# 21
 Delta R.T. -0.045 min
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Instrument :
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 ClientSampleId :



Tgt Ion: 43	Resp: 5846
Ion Ratio	Lower Upper
43	100
58	51.7 45.4 68.0
57	53.1 15.8 23.8#
100	3.9 9.8 14.8#

