

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036071.D
 Acq On : 13 Jun 2024 19:54
 Operator : SY/MD
 Sample : P2856-01
 Misc : 3.89g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 03:07:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 02:40:50 2024
 Response via : Initial Calibration

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

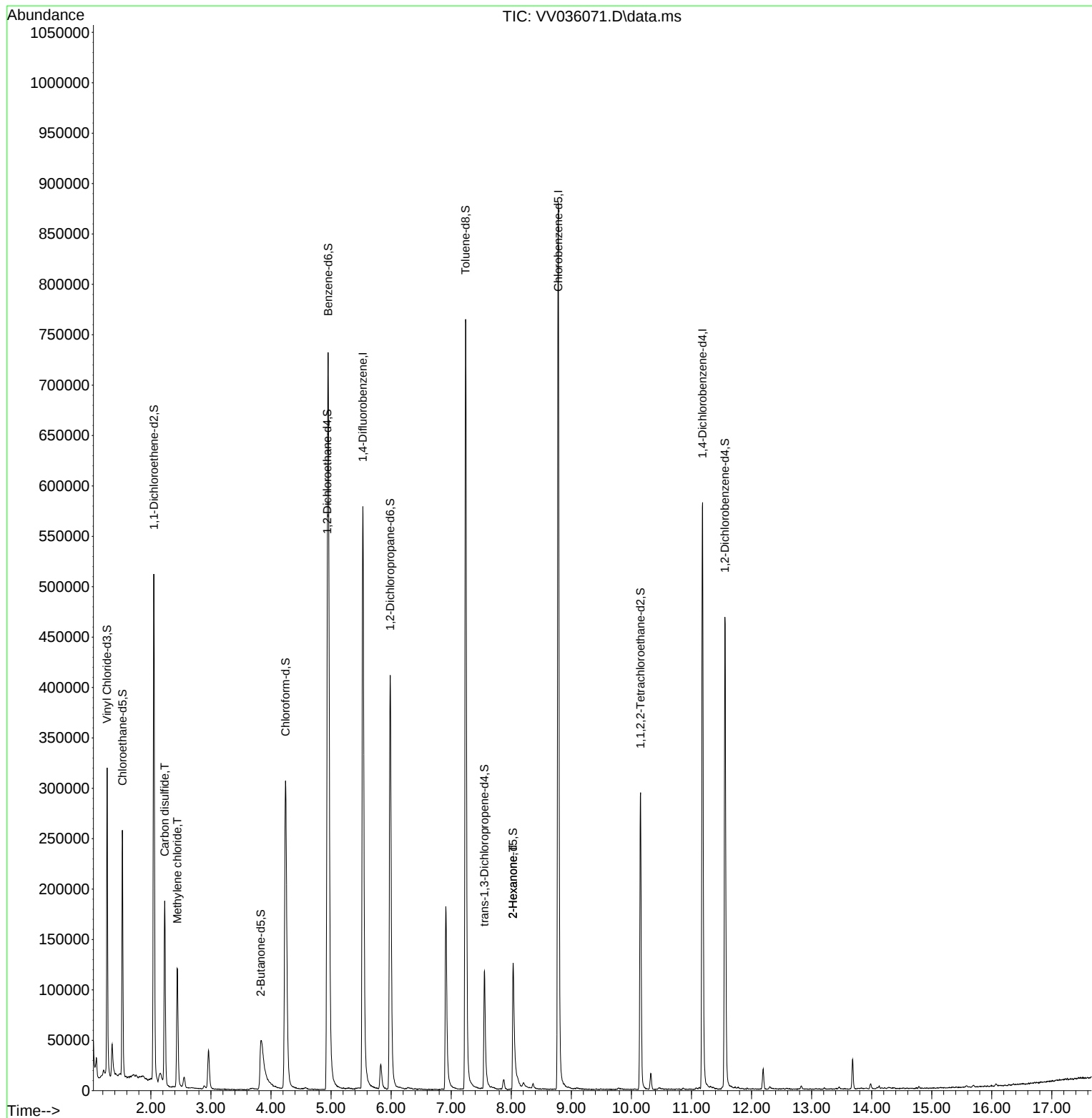
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	514090	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	490805	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	161135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	203382	21.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.080%
7) Chloroethane-d5	1.526	69	163696	21.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
11) 1,1-Dichloroethene-d2	2.050	65	87226	20.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.920%
21) 2-Butanone-d5	3.831	46	82044	37.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.660%
24) Chloroform-d	4.243	84	342163	20.935	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.720%
26) 1,2-Dichloroethane-d4	4.937	65	194030	22.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.560%
32) Benzene-d6	4.953	84	660293	22.632	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.520%
36) 1,2-Dichloropropane-d6	5.985	67	214388	23.335	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	7.239	98	534165	20.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.555	79	75120	19.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.760%
47) 2-Hexanone-d5	8.030	63	51993	41.769	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.540%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	150782	21.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	123099	20.832	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.320%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.230	76	214414	7.500	ug/L	99
16) Methylene chloride	2.439	84	51419	4.420	ug/L	98
48) 2-Hexanone	8.030	43	6558	1.832	ug/L #	69

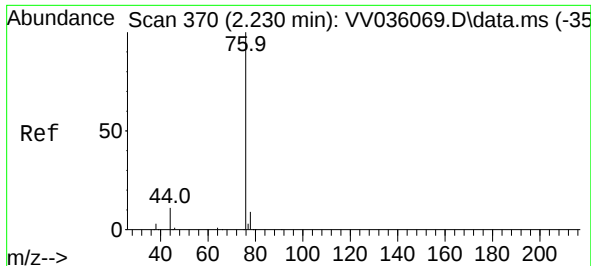
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 7.500 ug/L

RT: 2.230 min Scan# 31

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

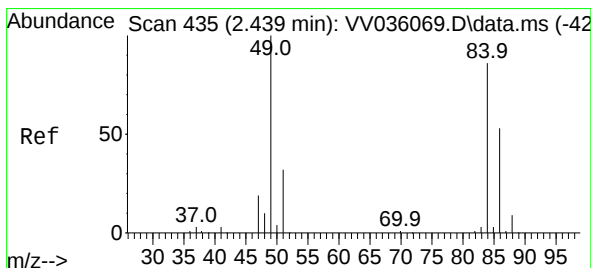
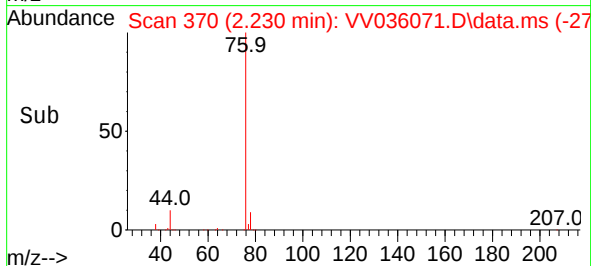
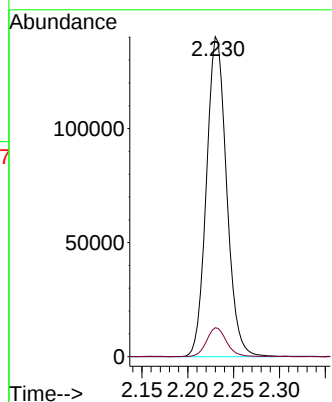
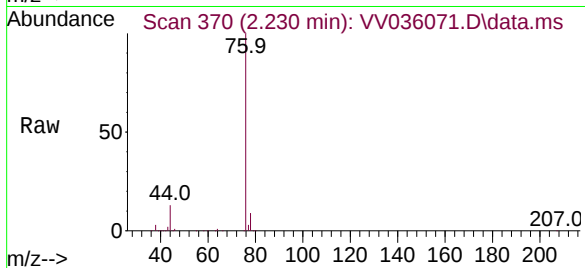
ClientSampleId :

Tgt Ion: 76 Resp: 214414

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#16

Methylene chloride

Concen: 4.420 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

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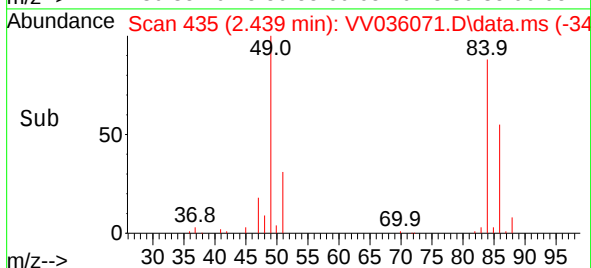
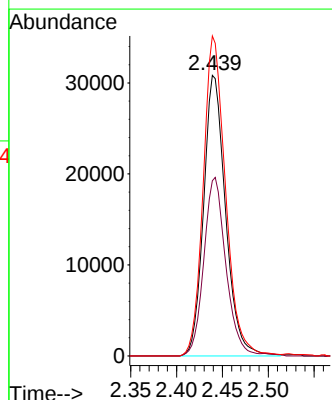
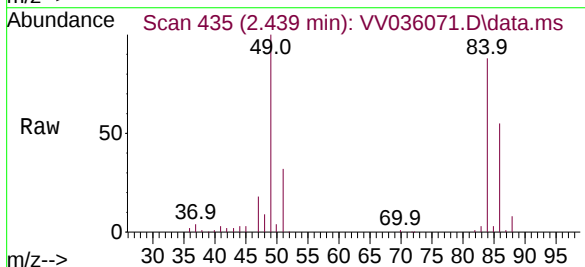
Tgt Ion: 84 Resp: 51419

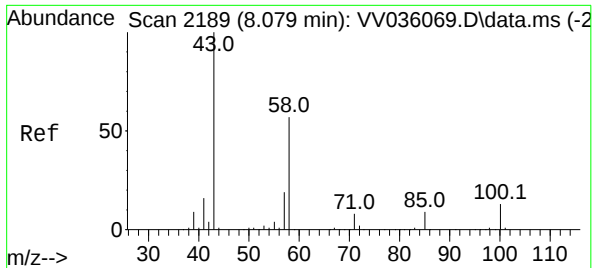
Ion Ratio Lower Upper

84 100

86 62.4 44.6 82.8

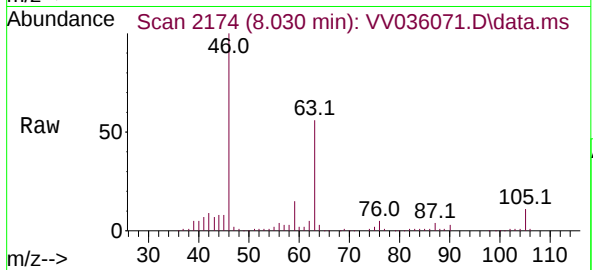
49 114.0 81.1 150.5





#48
 2-Hexanone
 Concen: 1.832 ug/L
 RT: 8.030 min Scan# 21
 Delta R.T. -0.048 min
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Tgt Ion: 43	Resp: 6558
Ion Ratio	Lower Upper
43 100	
58 37.5	45.4 68.0#
57 41.8	15.8 23.8#
100 3.3	9.8 14.8#

