

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035930.D
 Acq On : 31 May 2024 15:20
 Operator : SY/MD
 Sample : P2659-08
 Misc : 4.94g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:03:53 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)

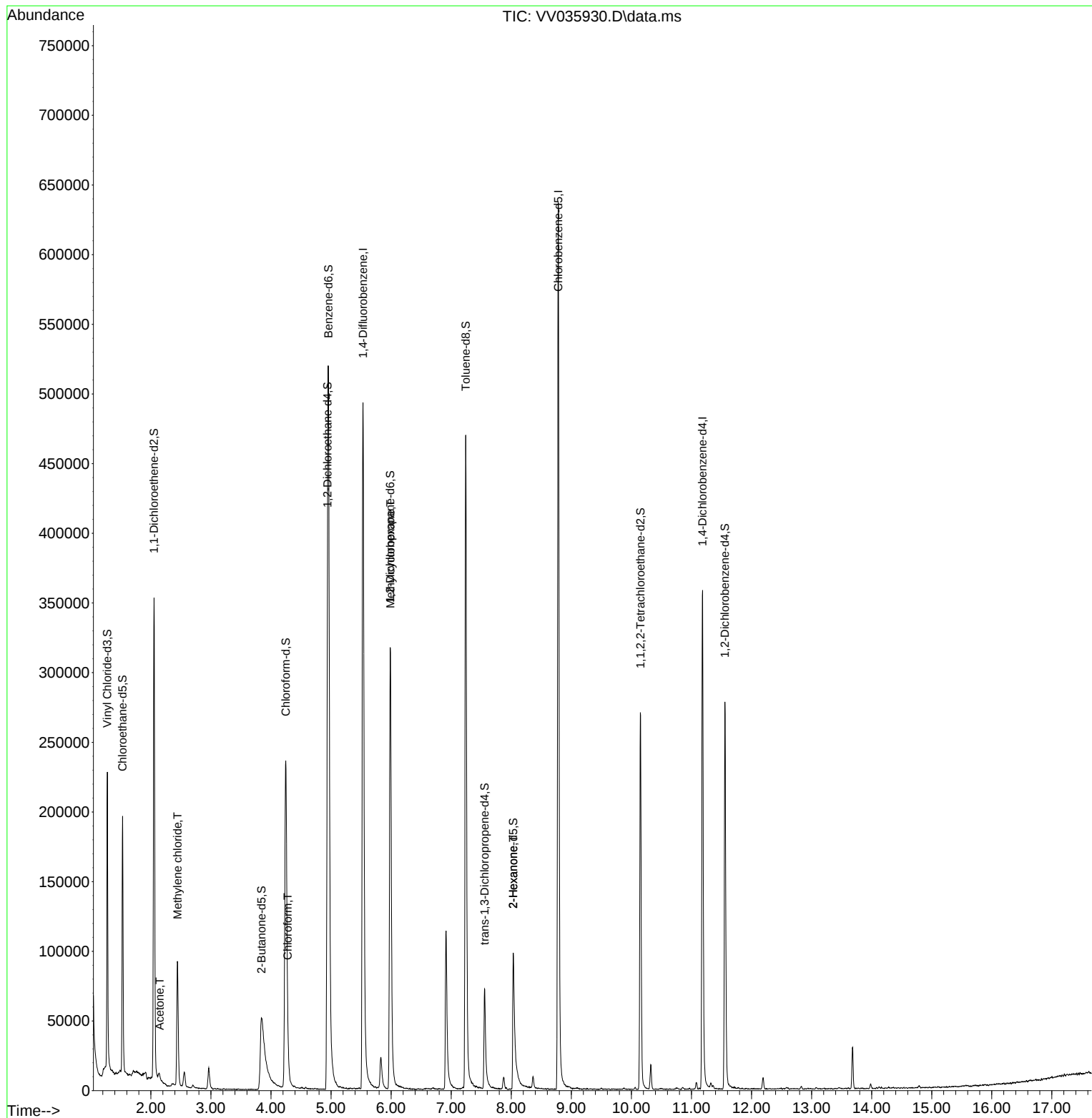
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	446218	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	365419	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99221	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	135055	16.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.840%
7) Chloroethane-d5	1.529	69	119555	18.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.120%
11) 1,1-Dichloroethene-d2	2.053	65	59890	16.399	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.600%
21) 2-Butanone-d5	3.841	46	41399	21.995	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.980%
24) Chloroform-d	4.246	84	262101	18.476	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.920%
26) 1,2-Dichloroethane-d4	4.941	65	150569	20.243	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.960%
32) Benzene-d6	4.957	84	463980	21.361	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	5.985	67	167951	24.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.200%
41) Toluene-d8	7.243	98	330578	17.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.000%
43) trans-1,3-Dichloroprop...	7.558	79	49192	17.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.160%
47) 2-Hexanone-d5	8.034	63	38013	41.017	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.040%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	137232	26.848	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	74285	20.416	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.680%
Target Compounds						Qvalue
13) Acetone	2.146	43	4535	1.547	ug/L #	41
16) Methylene chloride	2.445	84	39201	3.882	ug/L	98
25) Chloroform	4.278	83	7583	0.510	ug/L	92
35) Methylcyclohexane	5.989	83	38750	3.825	ug/L #	19
48) 2-Hexanone	8.034	43	4701	1.764	ug/L #	74

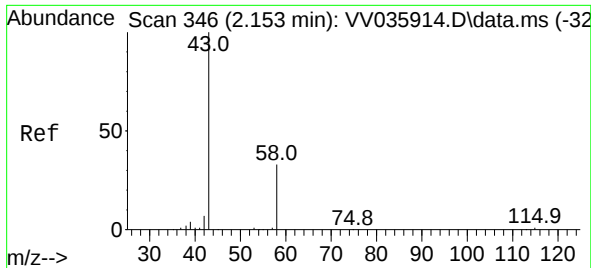
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 31 22:59:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.547 ug/L

RT: 2.146 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV035930.D

Acq: 31 May 2024 15:20

Instrument :

MSVOA_V

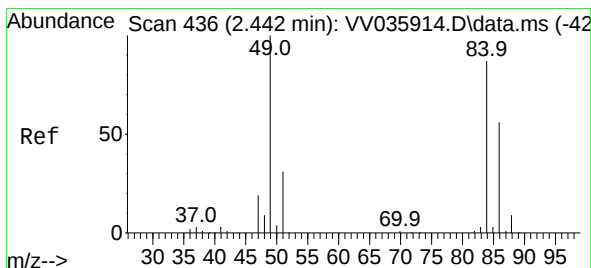
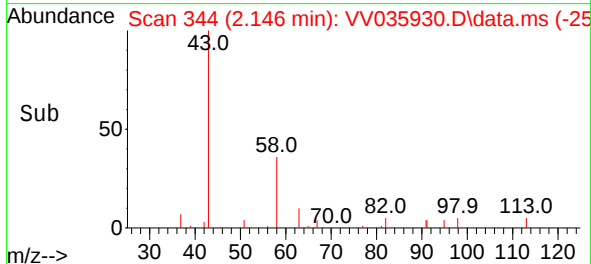
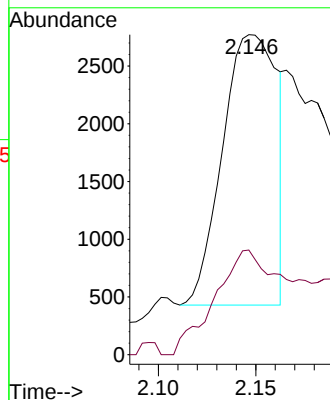
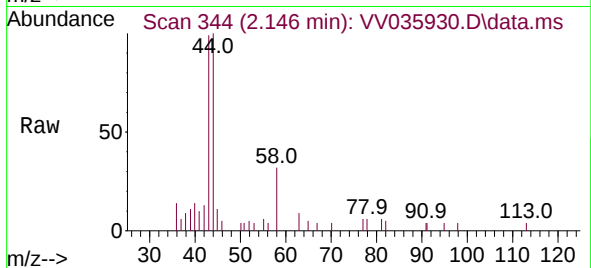
ClientSampleId :

Tgt Ion: 43 Resp: 4535

Ion Ratio Lower Upper

43 100

58 35.3 0.0 24.2#



#16

Methylene chloride

Concen: 3.882 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035930.D

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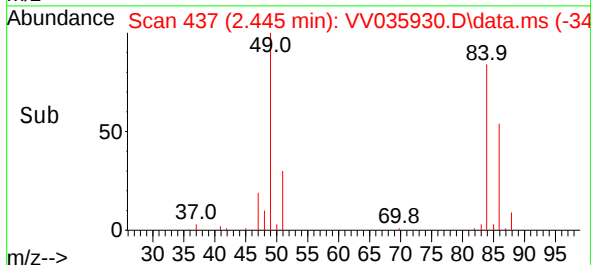
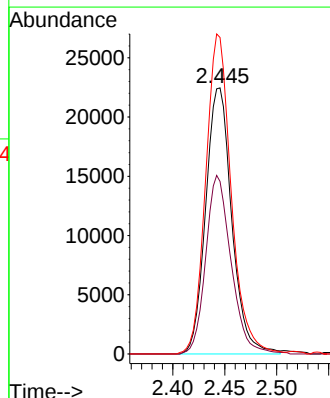
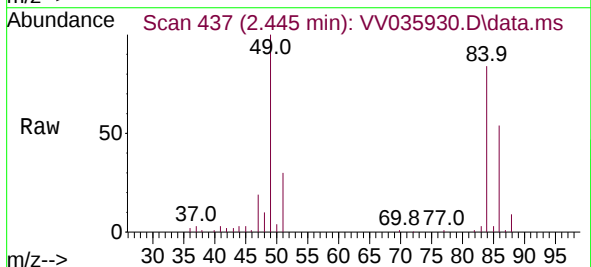
Tgt Ion: 84 Resp: 39201

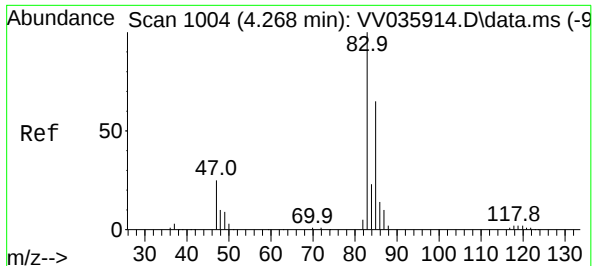
Ion Ratio Lower Upper

84 100

86 64.8 44.6 82.8

49 118.9 81.1 150.5





#25

Chloroform

Concen: 0.510 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV035930.D

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Instrument :

MSVOA_V

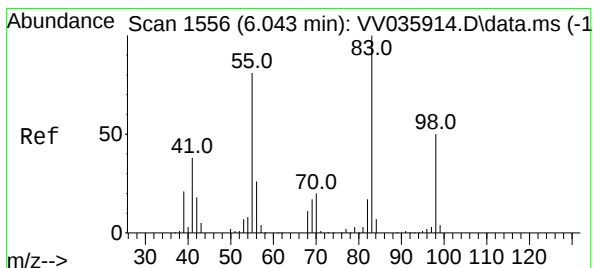
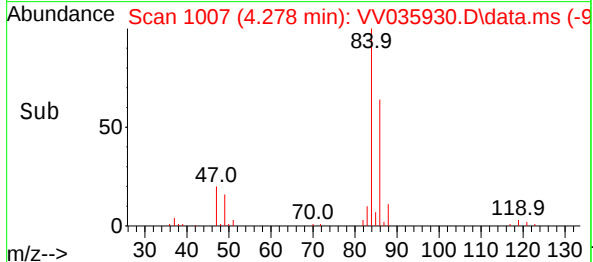
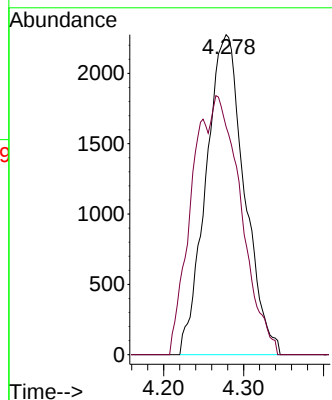
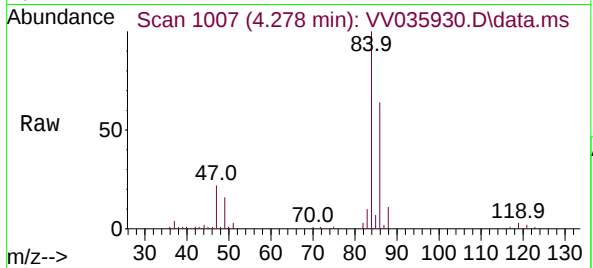
ClientSampleId :

Tgt Ion: 83 Resp: 7583

Ion Ratio Lower Upper

83 100

85 71.2 45.2 84.0



#35

Methylcyclohexane

Concen: 3.825 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.055 min

Lab File: VV035930.D

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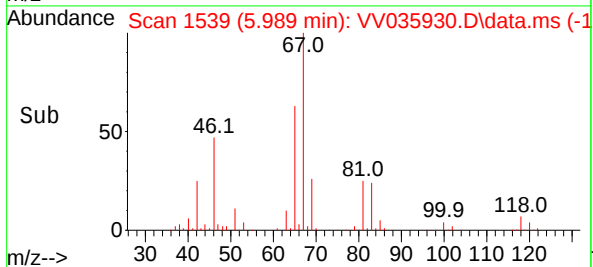
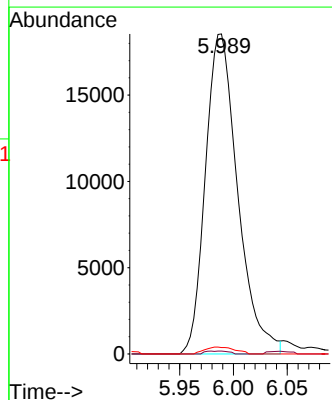
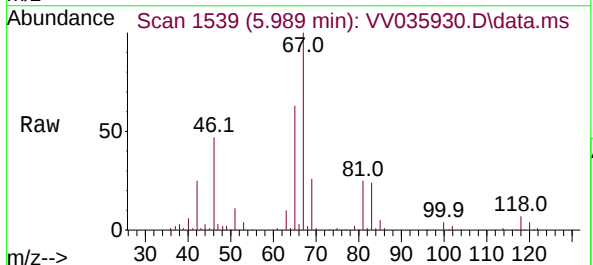
Tgt Ion: 83 Resp: 38750

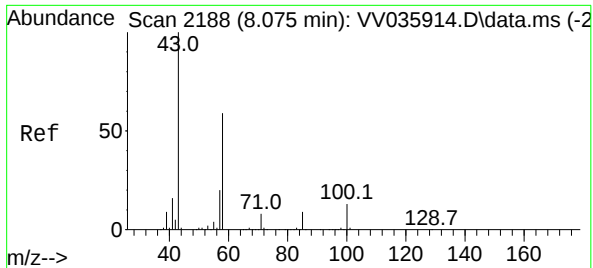
Ion Ratio Lower Upper

83 100

55 0.3 60.7 91.1#

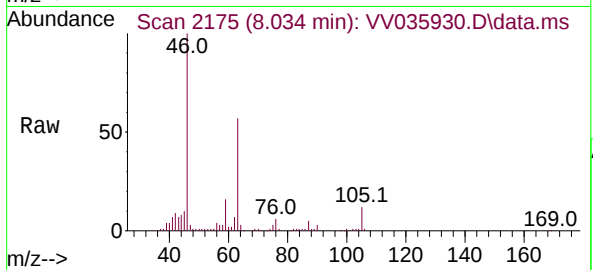
98 2.0 38.7 58.1#





#48
 2-Hexanone
 Concen: 1.764 ug/L
 RT: 8.034 min Scan# 21
 Delta R.T. -0.042 min
 Lab File: VV035930.D
 Acq: 31 May 2024 15:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 4701

Ion	Ratio	Lower	Upper
43	100		
58	41.2	45.4	68.0#
57	39.1	15.8	23.8#
100	4.6	9.8	14.8#

