

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035934.D
 Acq On : 31 May 2024 16:51
 Operator : SY/MD
 Sample : P2663-05
 Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:04:23 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)

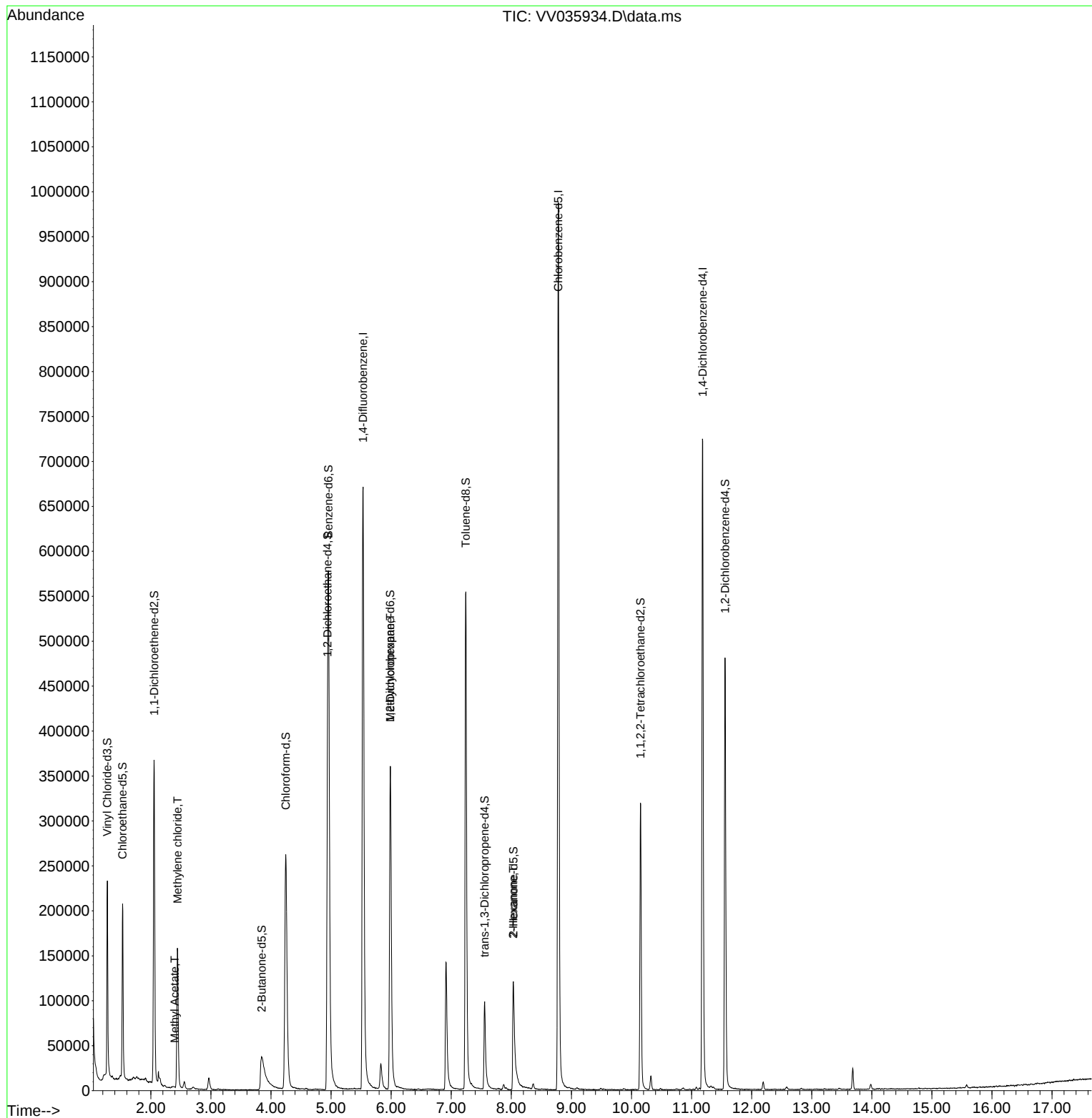
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	594884	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	562822	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	198007	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	142474	13.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.120%
7) Chloroethane-d5	1.529	69	126349	14.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.960%
11) 1,1-Dichloroethene-d2	2.053	65	62683	12.874	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.480%
21) 2-Butanone-d5	3.844	46	65890	26.258	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.520%
24) Chloroform-d	4.246	84	292842	15.484	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.920%
26) 1,2-Dichloroethane-d4	4.941	65	170072	17.151	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.600%#
32) Benzene-d6	4.957	84	521056	15.575	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.280%
36) 1,2-Dichloropropane-d6	5.986	67	187476	17.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.160%
41) Toluene-d8	7.243	98	390039	13.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.840%
43) trans-1,3-Dichloroprop...	7.555	79	63123	14.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.440%
47) 2-Hexanone-d5	8.034	63	48180	33.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.500%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	159821	20.300	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	128004	17.629	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.520%#
Target Compounds						Qvalue
15) Methyl Acetate	2.394	43	1671	0.344	ug/L #	68
16) Methylene chloride	2.442	84	67998	5.051	ug/L	100
35) Methylcyclohexane	5.986	83	45268	2.902	ug/L #	20
48) 2-Hexanone	8.031	43	5857	1.427	ug/L #	30

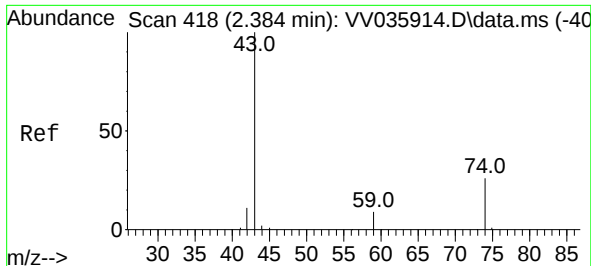
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.344 ug/L

RT: 2.394 min Scan# 418

Delta R.T. 0.010 min

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Instrument :

MSVOA_V

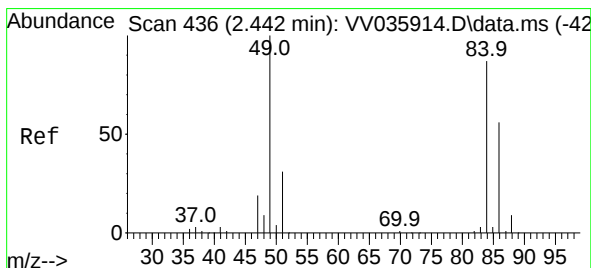
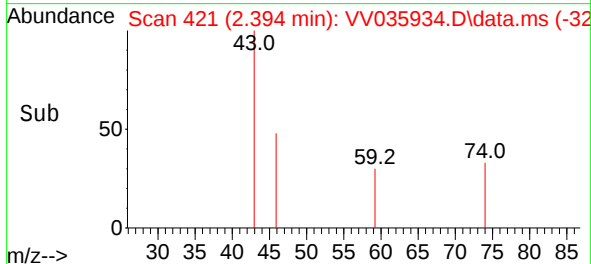
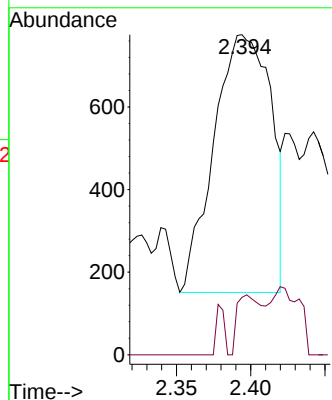
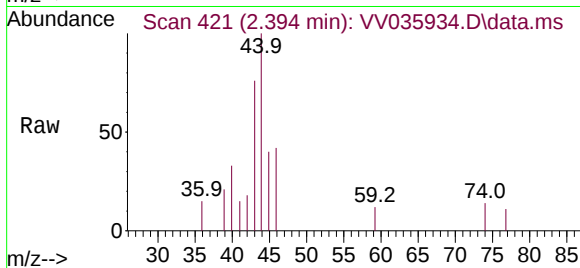
ClientSampleId :

Tgt Ion: 43 Resp: 1671

Ion Ratio Lower Upper

43 100

74 10.5 21.4 32.2#



#16

Methylene chloride

Concen: 5.051 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

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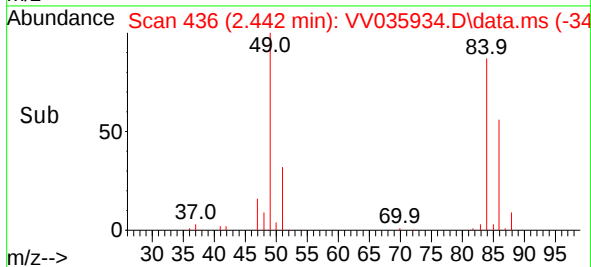
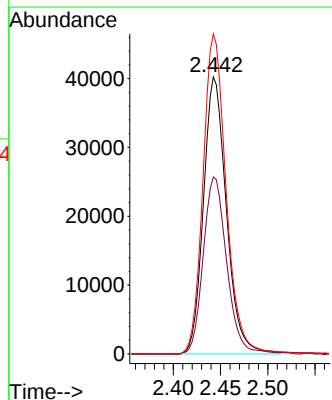
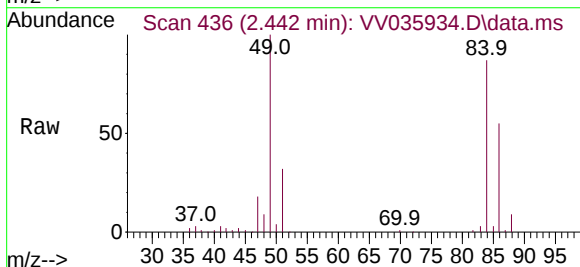
Tgt Ion: 84 Resp: 67998

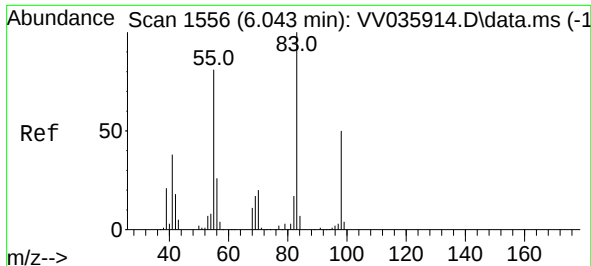
Ion Ratio Lower Upper

84 100

86 63.9 44.6 82.8

49 115.5 81.1 150.5





#35

Methylcyclohexane

Concen: 2.902 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.058 min

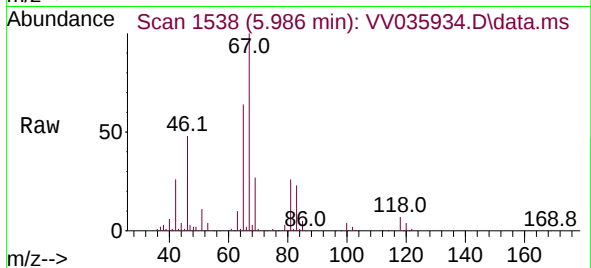
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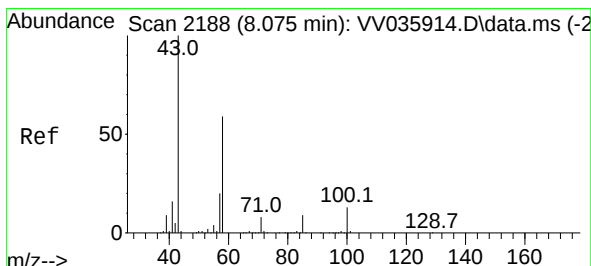
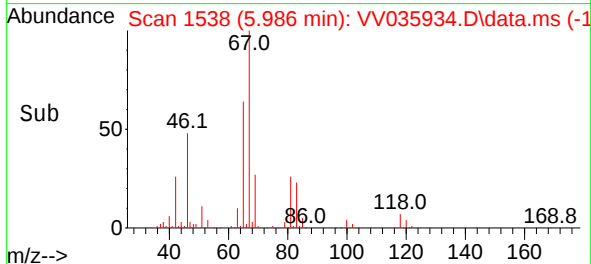
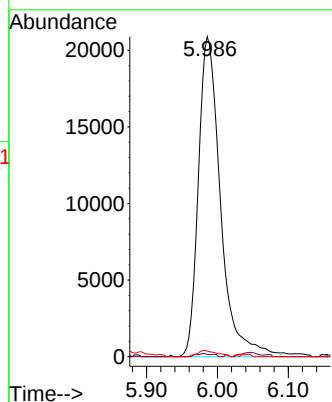
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Tgt Ion:	83	Resp:	45268
Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.7	91.1#
98	1.7	38.7	58.1#



#48

2-Hexanone

Concen: 1.427 ug/L

RT: 8.031 min Scan# 2174

Delta R.T. -0.045 min

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Tgt Ion:	43	Resp:	5857
Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.4	68.0#
57	57.0	15.8	23.8#
100	5.8	9.8	14.8#

