

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035719.D
 Acq On : 23 May 2024 21:49
 Operator : SY/MD
 Sample : P2568-12
 Misc : 5.28g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 03:46:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 03:15:35 2024
 Response via : Initial Calibration

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

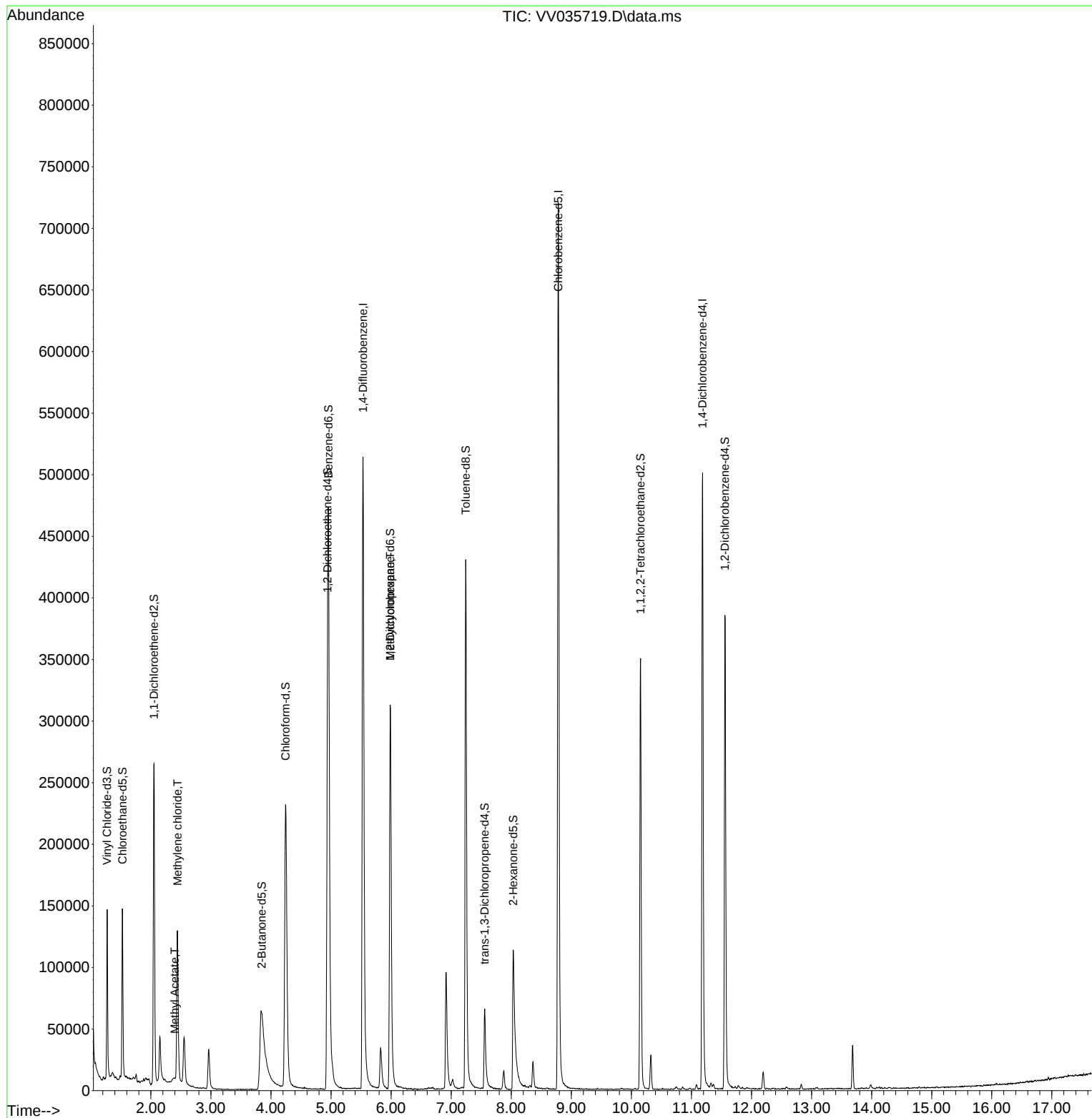
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	470412	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	416799	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	136922	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	92247	12.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.760%
7) Chloroethane-d5	1.526	69	92356	15.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.000%
11) 1,1-Dichloroethene-d2	2.053	65	45742	14.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.840%
21) 2-Butanone-d5	3.847	46	78910	38.243	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.480%
24) Chloroform-d	4.243	84	262592	18.777	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.120%
26) 1,2-Dichloroethane-d4	4.941	65	150217	21.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.920%
32) Benzene-d6	4.957	84	425998	18.671	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.680%
36) 1,2-Dichloropropane-d6	5.986	67	163764	23.259	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.040%
41) Toluene-d8	7.243	98	305469	15.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.160%
43) trans-1,3-Dichloroprop...	7.558	79	45512	15.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.440%
47) 2-Hexanone-d5	8.034	63	44263	34.960	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.920%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	174890	25.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	105132	22.125	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.480%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.397	43	2540	0.555	ug/L	99
16) Methylene chloride	2.442	84	55373	5.105	ug/L	93
35) Methylcyclohexane	5.986	83	39376	3.324	ug/L #	20

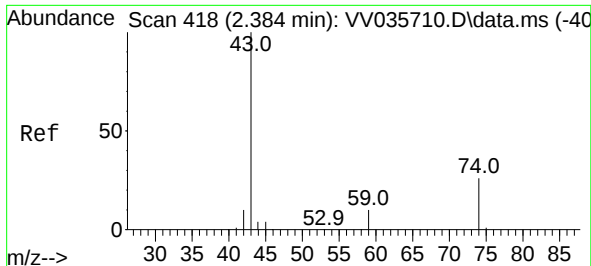
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.555 ug/L

RT: 2.397 min Scan# 418

Delta R.T. 0.013 min

Lab File: VV035719.D

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Instrument :

MSVOA_V

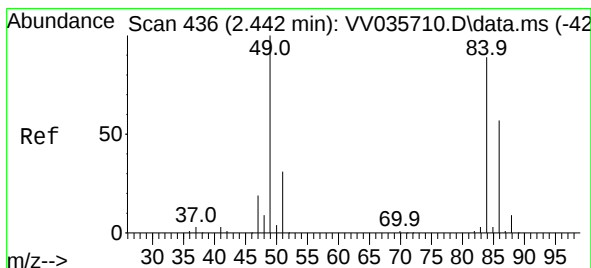
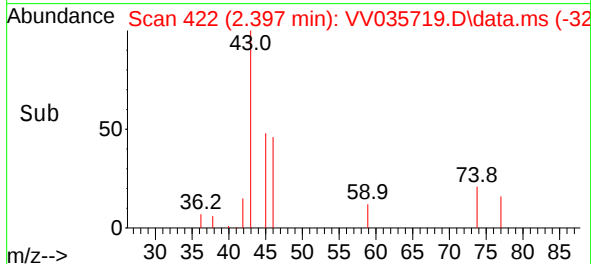
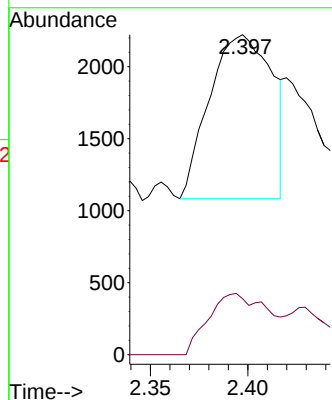
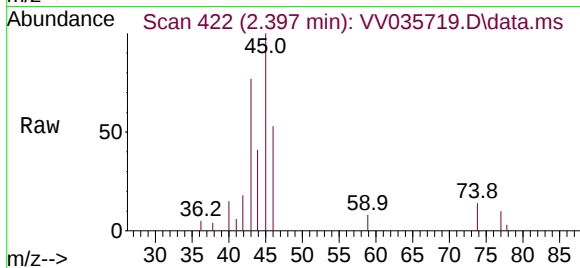
ClientSampleId :

Tgt Ion: 43 Resp: 2540

Ion Ratio Lower Upper

43 100

74 23.5 18.6 27.8



#16

Methylene chloride

Concen: 5.105 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

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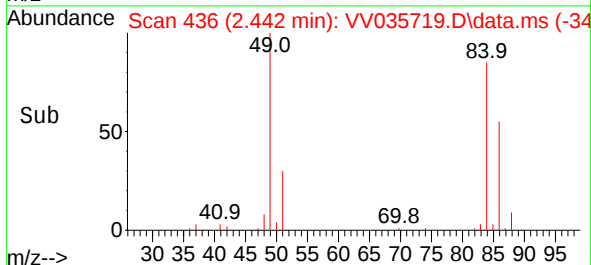
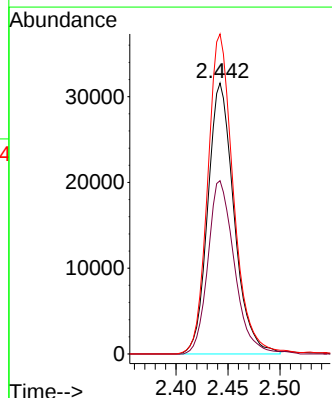
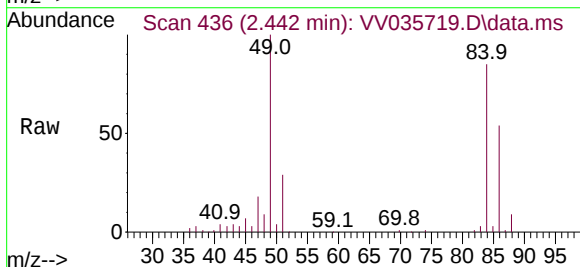
Tgt Ion: 84 Resp: 55373

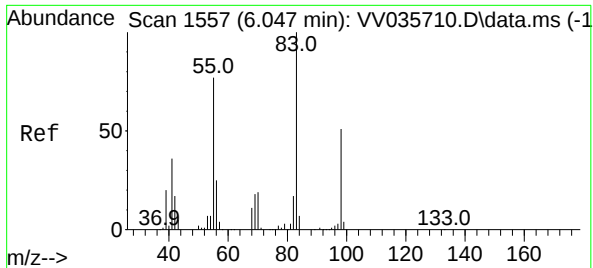
Ion Ratio Lower Upper

84 100

86 64.0 43.8 81.3

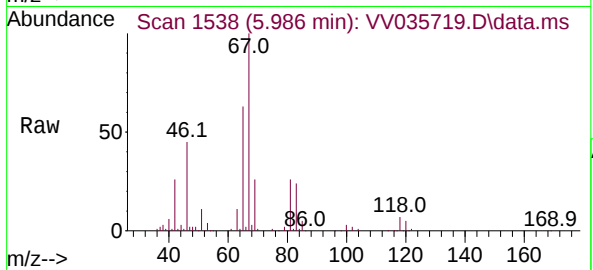
49 118.1 75.3 139.9





#35
 Methylcyclohexane
 Concen: 3.324 ug/L
 RT: 5.986 min Scan# 1538
 Delta R.T. -0.061 min
 Lab File: VV035719.D
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Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	83	Resp:	39376
Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.5	86.3#
98	0.9	38.6	58.0#

