

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061824\
 Data File : VW036117.D
 Acq On : 18 Jun 2024 14:30
 Operator : SY/MD
 Sample : P2909-12
 Misc : 5.32g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:30:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

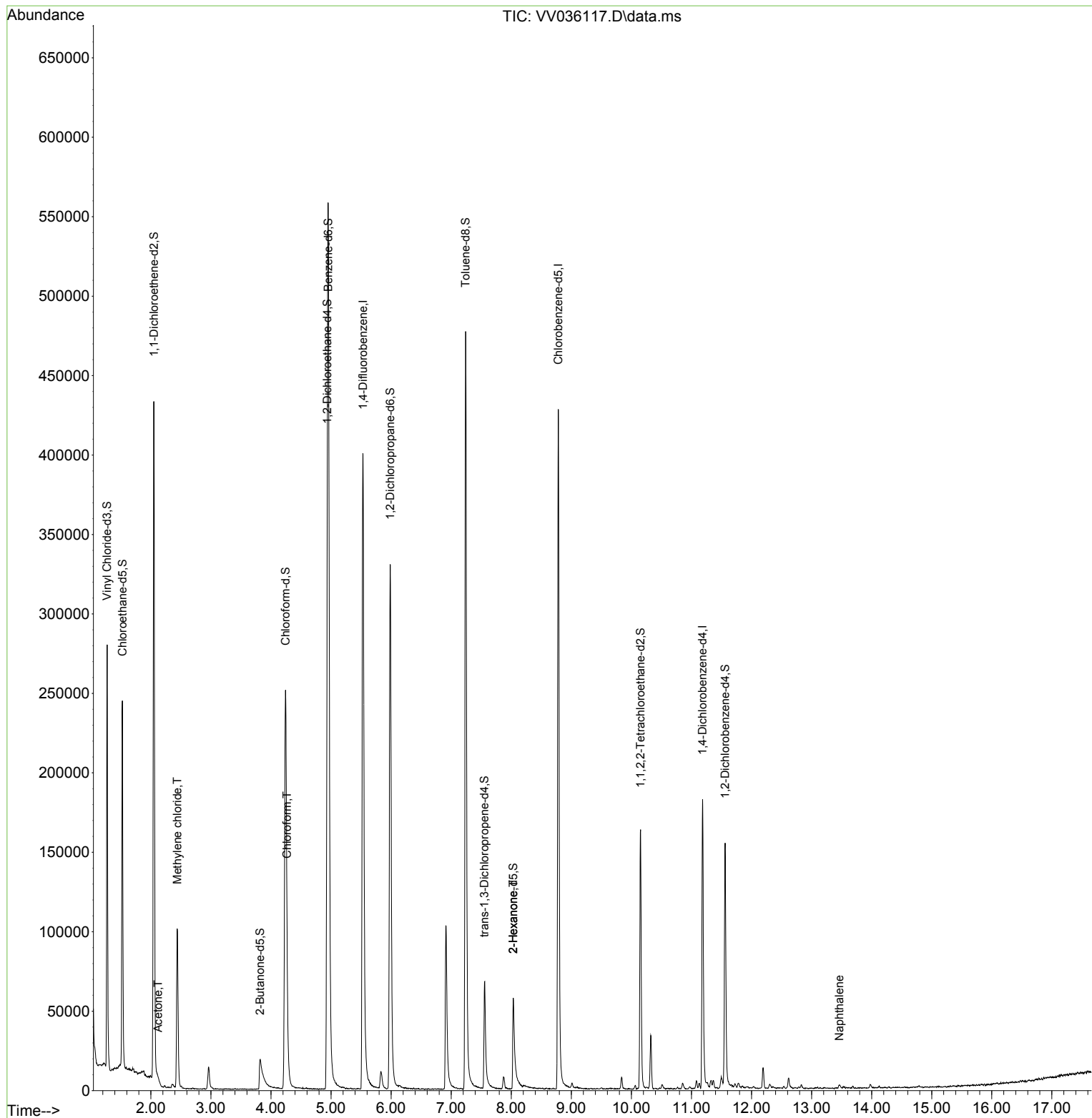
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		5.532	114	350909	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	244554	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	50041	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	177391	27.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.000%	
7) Chloroethane-d5		1.526	69	151459	29.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.760%	
11) 1,1-Dichloroethene-d2		2.050	65	74067	25.789	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.160%	
21) 2-Butanone-d5		3.818	46	39707	26.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.660%	
24) Chloroform-d		4.243	84	277221	24.849	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4		4.937	65	147592	25.233	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.920%	
32) Benzene-d6		4.953	84	508447	34.976	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.920%#	
36) 1,2-Dichloropropane-d6		5.985	67	169773	37.086	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.360%#	
41) Toluene-d8		7.239	98	336464	26.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.920%	
43) trans-1,3-Dichloroprop...		7.555	79	43612	23.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.920%	
47) 2-Hexanone-d5		8.034	63	20343	32.799	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.600%	
56) 1,1,2,2-Tetrachloroeth...		10.149	84	82702	24.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.720%	
66) 1,2-Dichlorobenzene-d4		11.561	152	41584	22.661	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.640%	
Target Compounds							Qvalue
13) Acetone		2.121	43	4454	1.932	ug/L #	19
16) Methylene chloride		2.439	84	42412	5.341	ug/L	93
25) Chloroform		4.265	83	6718	0.575	ug/L	83
48) 2-Hexanone		8.034	43	2316	1.298	ug/L #	76
71) Naphthalene		13.461	128	1078	0.333	ug/L #	74

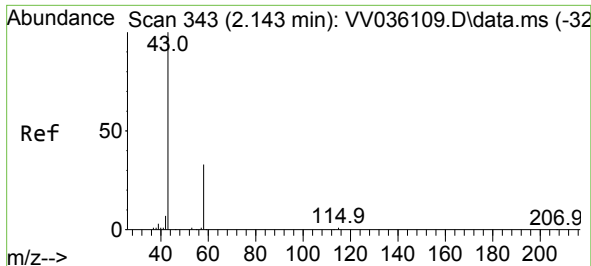
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.932 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.023 min

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Instrument :

MSVOA_V

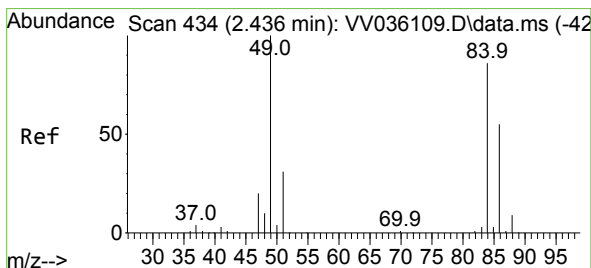
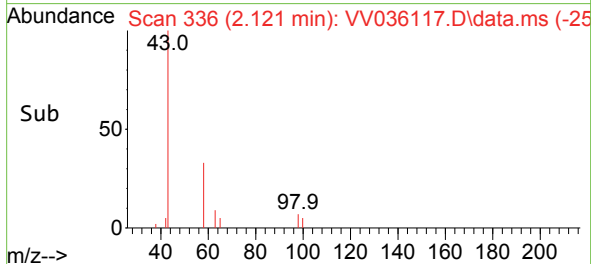
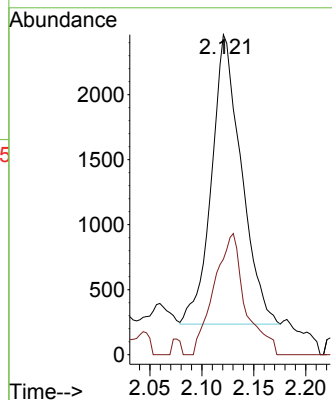
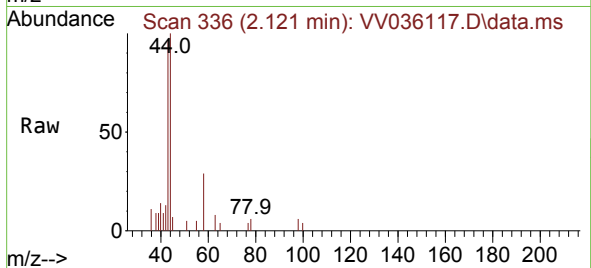
ClientSampleId :

Tgt Ion: 43 Resp: 4454

Ion Ratio Lower Upper

43 100

58 43.5 0.0 24.2#



#16

Methylene chloride

Concen: 5.341 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.003 min

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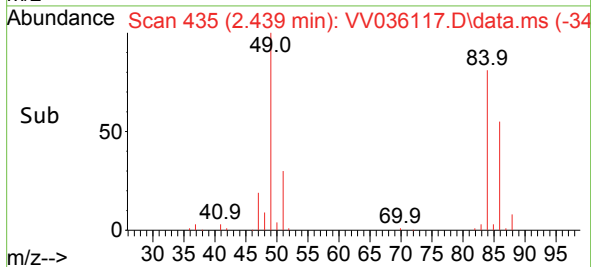
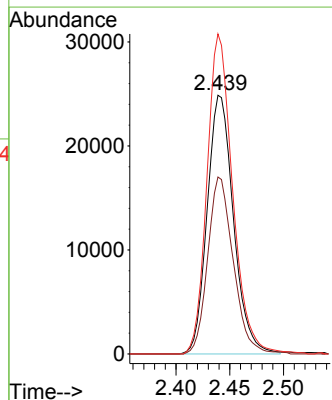
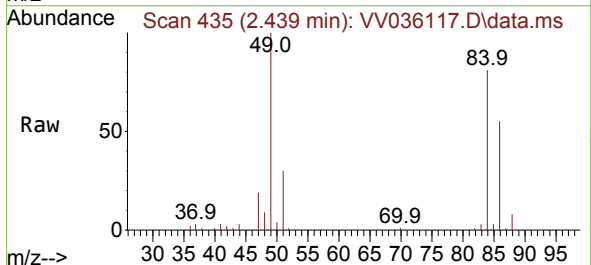
Tgt Ion: 84 Resp: 42412

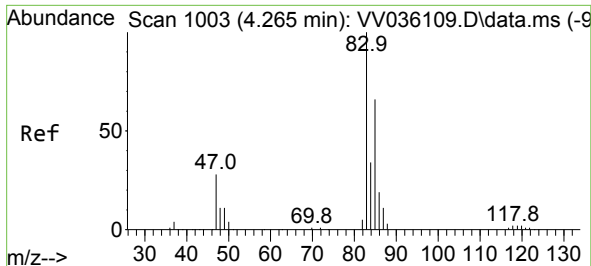
Ion Ratio Lower Upper

84 100

86 68.4 44.6 82.8

49 123.7 81.1 150.5

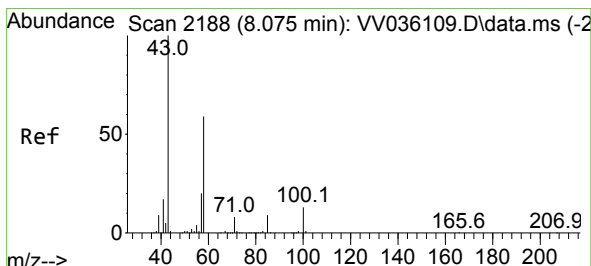
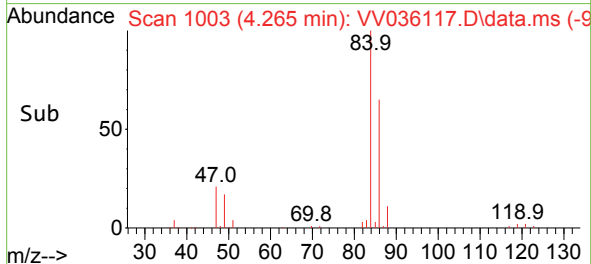
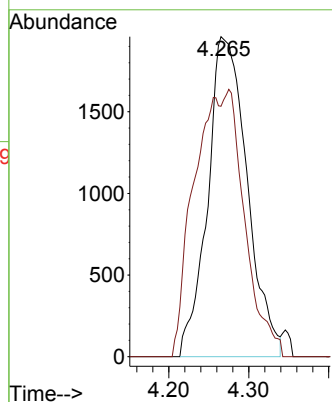
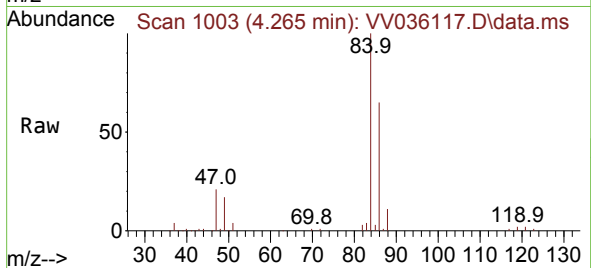




#25
Chloroform
Concen: 0.575 ug/L
RT: 4.265 min Scan# 10
Delta R.T. -0.000 min
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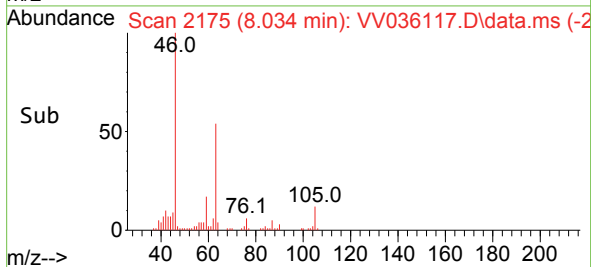
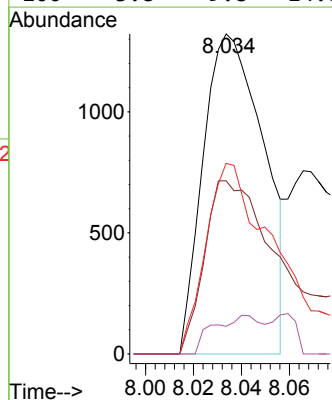
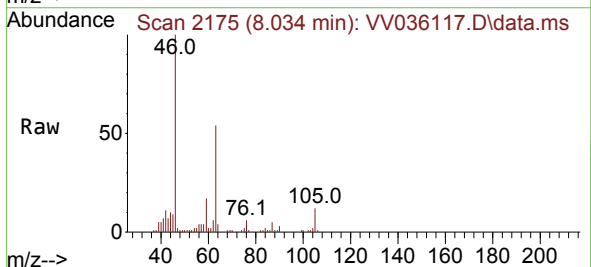
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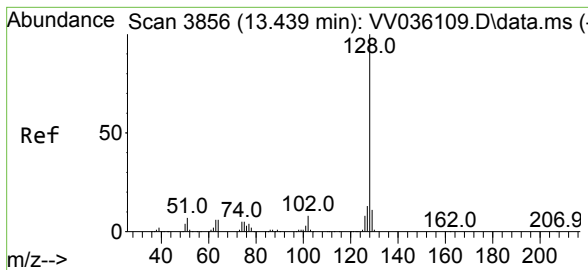
Tgt Ion: 83 Resp: 6718
Ion Ratio Lower Upper
83 100
85 78.3 45.2 84.0



#48
2-Hexanone
Concen: 1.298 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.042 min
Lab File: VV036117.D
Acq: 18 Jun 2024 14:30

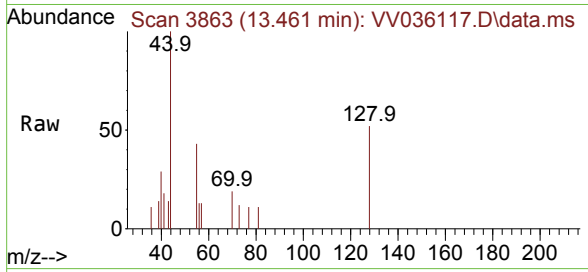
Tgt Ion: 43 Resp: 2316
Ion Ratio Lower Upper
43 100
58 67.6 45.4 68.0
57 44.0 15.8 23.8#
100 3.8 9.8 14.8#





#71
 Naphthalene
 Concen: 0.333 ug/L
 RT: 13.461 min Scan# 3863
 Delta R.T. 0.022 min
 Lab File: VV036117.D
 Acq: 18 Jun 2024 14:30

Instrument : MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	1078
Ion Ratio	Lower	Upper	
128	100		
127	3.9	10.6	16.0#
129	0.0	8.8	13.2#

