

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036304.D
 Acq On : 27 Jun 2024 12:10
 Operator : SY/MD
 Sample : P2960-19
 Misc : 5.06g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 02:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
 Response via : Initial Calibration

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

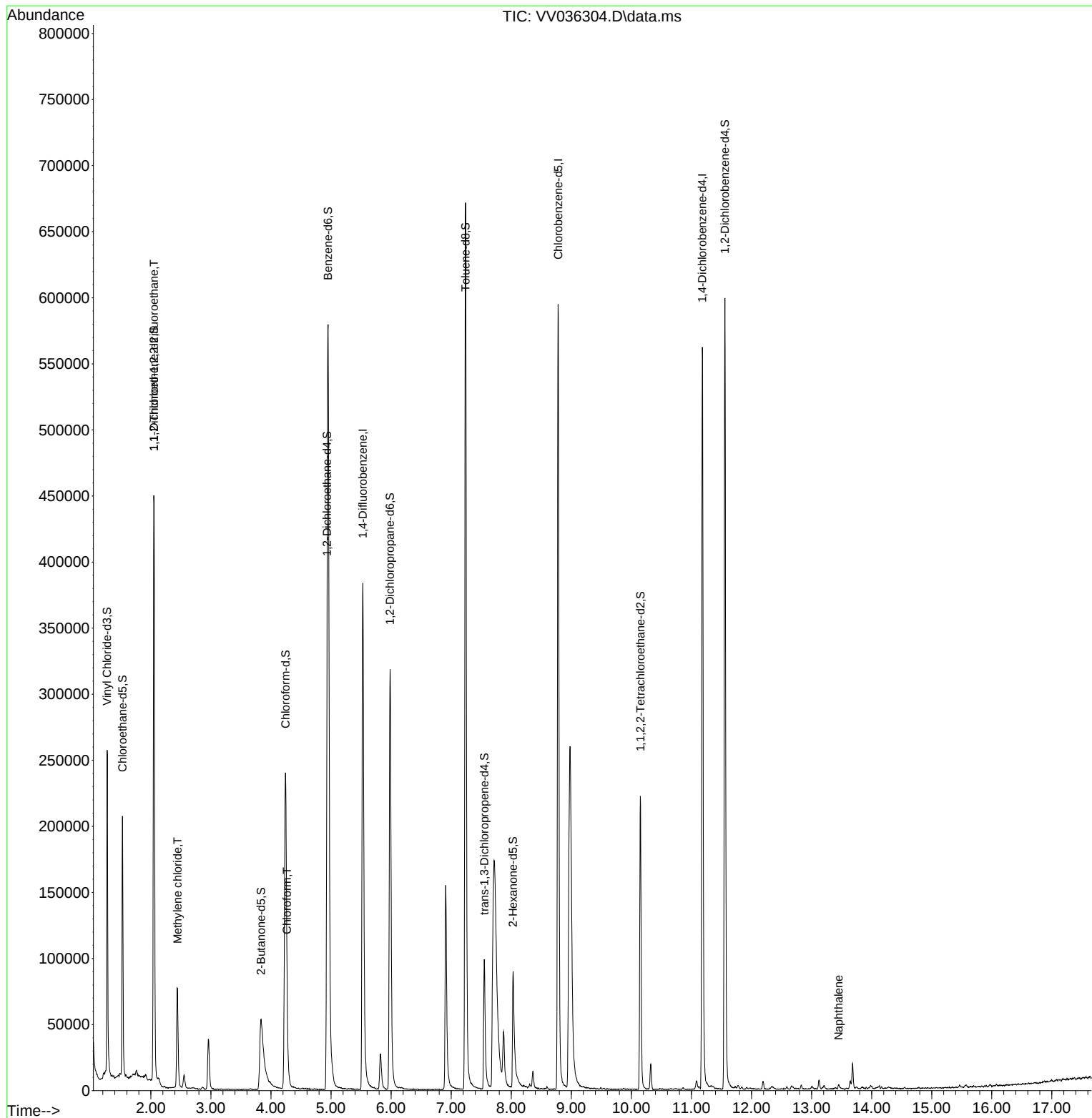
Internal Standards							
1) 1,4-Difluorobenzene		5.529	114	346234	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.780	117	348155	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.182	152	151961	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	164236	27.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.720%	
7) Chloroethane-d5		1.526	69	131821	28.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.280%	
11) 1,1-Dichloroethene-d2		2.050	65	75111	27.172	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.680%	
21) 2-Butanone-d5		3.835	46	45541	33.370	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.740%	
24) Chloroform-d		4.243	84	263716	25.804	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.200%	
26) 1,2-Dichloroethane-d4		4.934	65	139830	25.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.640%	
32) Benzene-d6		4.950	84	535177	27.231	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.920%	
36) 1,2-Dichloropropane-d6		5.982	67	162820	27.543	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.160%	
41) Toluene-d8		7.240	98	459580	25.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.760%	
43) trans-1,3-Dichloroprop...		7.551	79	61171	23.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.680%	
47) 2-Hexanone-d5		8.031	63	34053	36.087	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.180%	
56) 1,1,2,2-Tetrachloroeth...		10.149	84	110336	22.769	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.080%	
66) 1,2-Dichlorobenzene-d4		11.558	152	158125	28.554	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.200%	
Target Compounds							
10) 1,1,2-Trichloro-1,2,2-...		2.050	101	2476	0.402	ug/L #	34
16) Methylene chloride		2.442	84	33705	4.945	ug/L	97
25) Chloroform		4.269	83	8936	0.870	ug/L	92
71) Naphthalene		13.451	128	3417	0.333	ug/L #	86

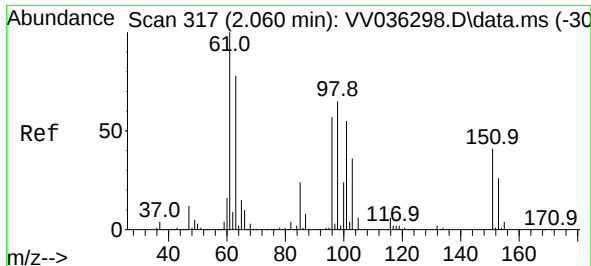
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 00:39:40 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.402 ug/L

RT: 2.050 min Scan# 317

Delta R.T. -0.010 min

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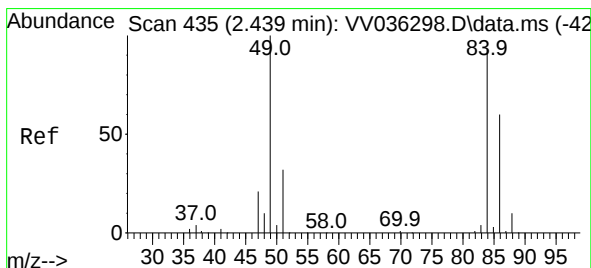
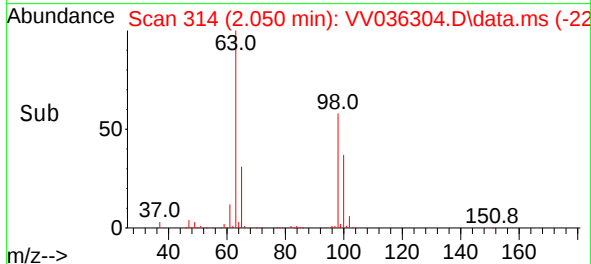
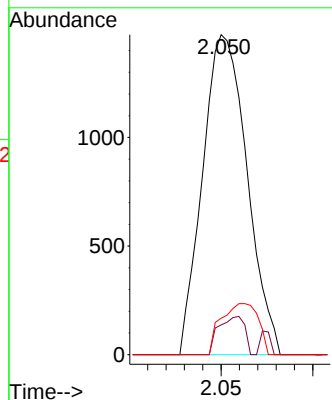
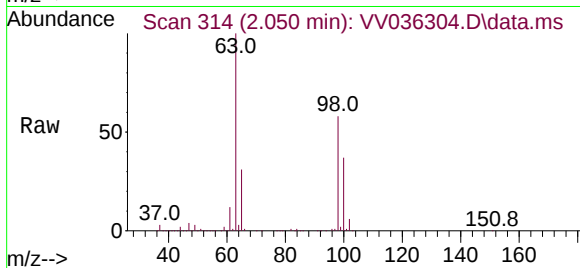
Tgt Ion:101 Resp: 2476

Ion Ratio Lower Upper

101 100

85 7.0 34.6 51.8#

151 13.4 58.9 88.3#



#16

Methylene chloride

Concen: 4.945 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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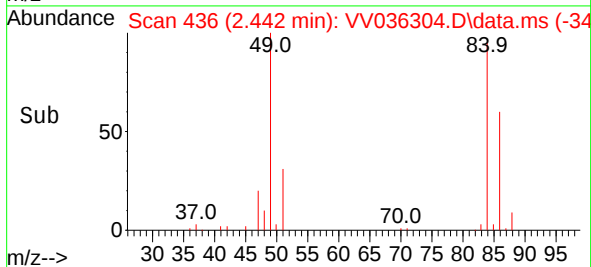
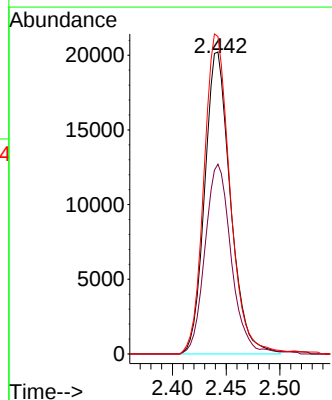
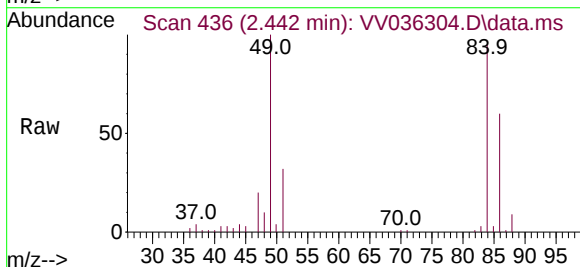
Tgt Ion: 84 Resp: 33705

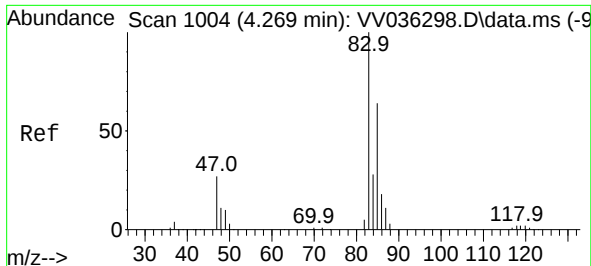
Ion Ratio Lower Upper

84 100

86 62.8 45.6 84.8

49 105.1 75.7 140.5





#25

Chloroform

Concen: 0.870 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

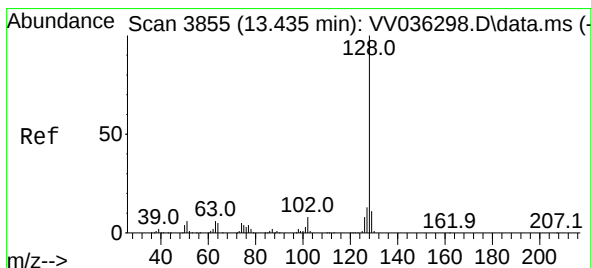
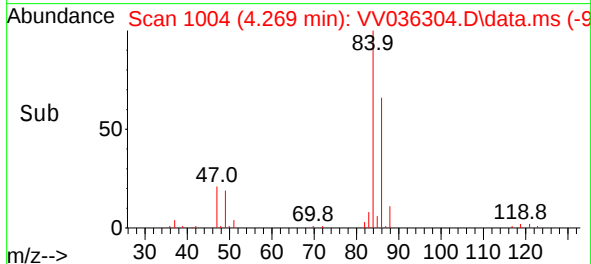
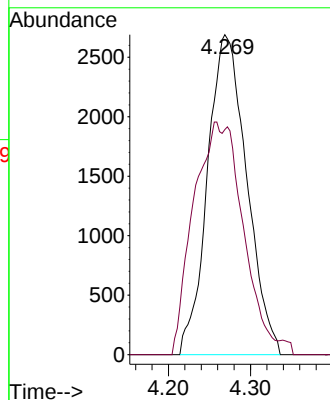
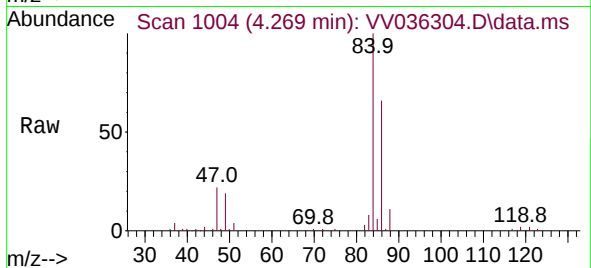
ClientSampleId :

Tgt Ion: 83 Resp: 8936

Ion Ratio Lower Upper

83 100

85 70.3 45.0 83.6



#71

Naphthalene

Concen: 0.333 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.016 min

Lab File: VV036304.D

Acq: 27 Jun 2024 12:10

Tgt Ion: 128 Resp: 3417

Ion Ratio Lower Upper

128 100

127 8.0 10.8 16.2#

129 5.6 8.6 13.0#

