

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070324\
 Data File : VV036441.D
 Acq On : 03 Jul 2024 14:10
 Operator : SY/MD
 Sample : P3010-05
 Misc : 5.07g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 04 02:10:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 02:05:51 2024
 Response via : Initial Calibration

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

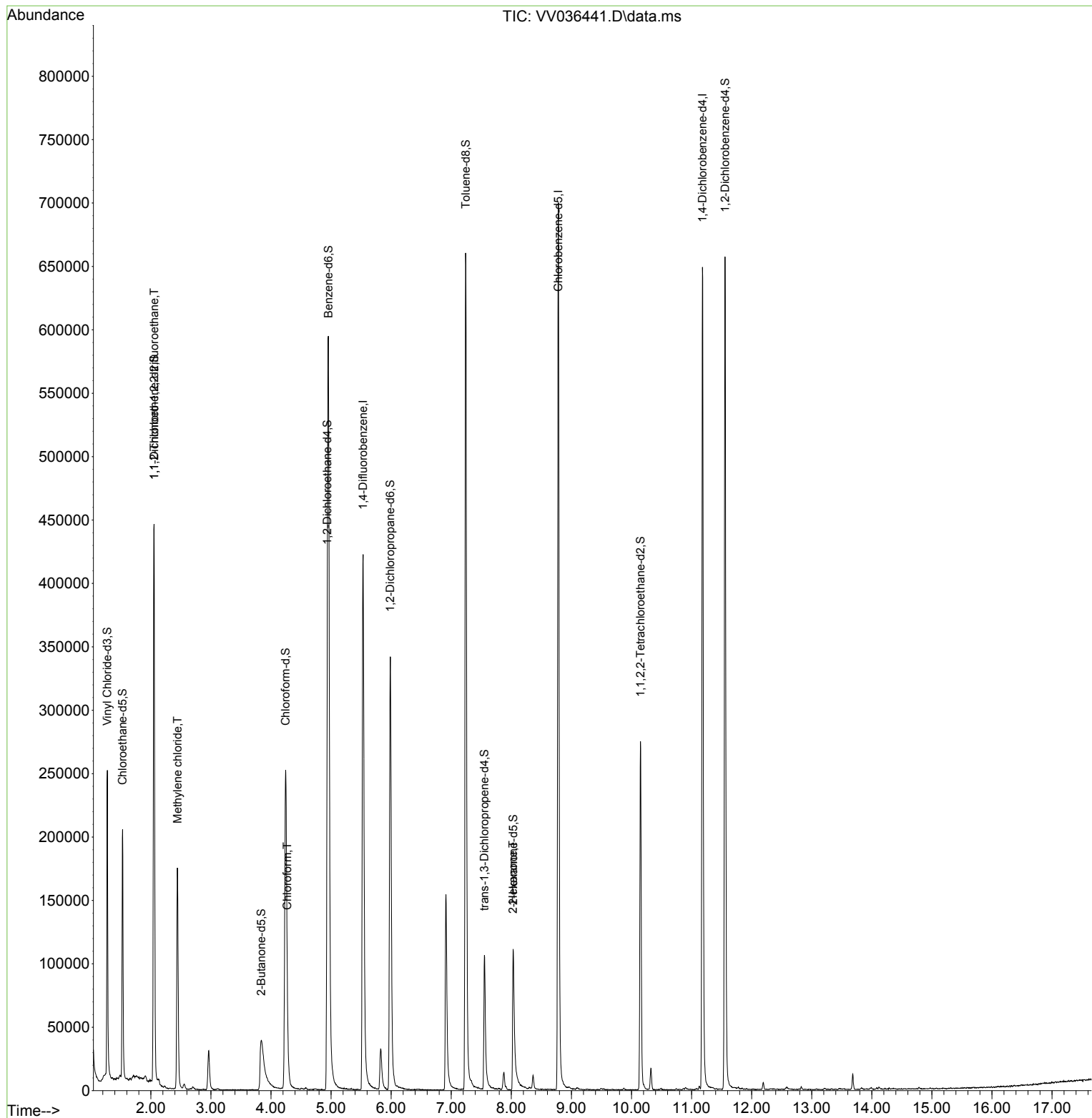
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	381236	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	402288	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	176497	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	158624	24.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.000%
7) Chloroethane-d5	1.529	69	130278	25.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.760%
11) 1,1-Dichloroethene-d2	2.053	65	74204	24.380	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.520%
21) 2-Butanone-d5	3.838	46	55338	36.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.660%
24) Chloroform-d	4.243	84	279401	24.829	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.320%
26) 1,2-Dichloroethane-d4	4.937	65	156001	25.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.960%
32) Benzene-d6	4.957	84	540699	23.810	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	5.986	67	170484	24.958	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	7.240	98	464764	22.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.551	79	66525	21.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.240%
47) 2-Hexanone-d5	8.031	63	43184	39.606	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.220%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	135987	24.287	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	11.558	152	175151	27.232	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.920%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2745	0.405	ug/L #	33
16) Methylene chloride	2.442	84	78339	10.438	ug/L	97
25) Chloroform	4.269	83	8395	0.742	ug/L	95
48) 2-Hexanone	8.027	43	5222	1.934	ug/L #	66

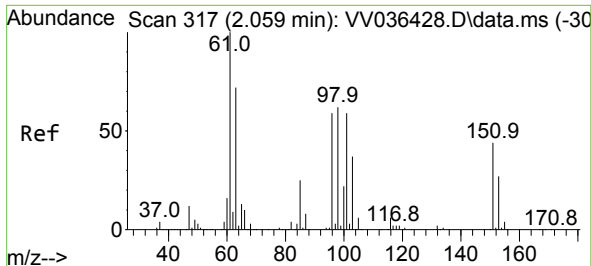
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 04 02:05:51 2024
Response via : Initial Calibration





#10

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

Concen: 0.405 ug/L

RT: 2.053 min Scan# 317

Delta R.T. -0.006 min

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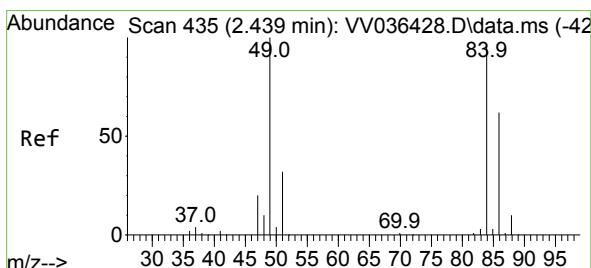
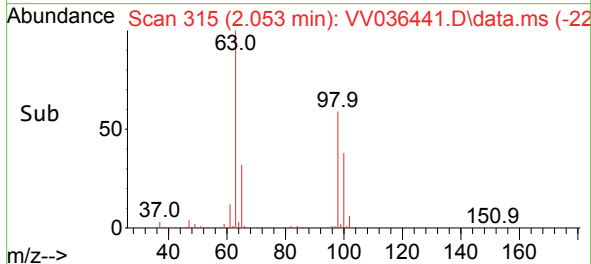
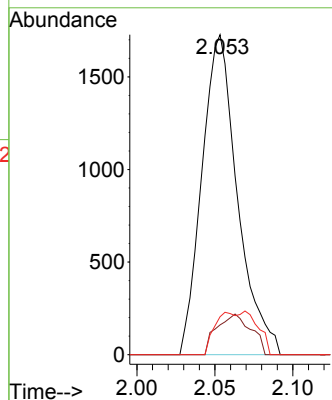
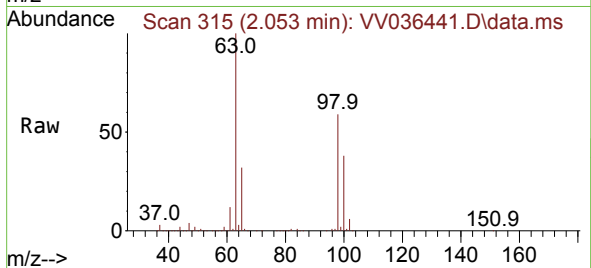
Tgt Ion:101 Resp: 2745

Ion Ratio Lower Upper

101 100

85 12.2 34.6 51.8#

151 7.9 58.9 88.3#



#16

Methylene chloride

Concen: 10.438 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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Acq: 03 Jul 2024 14:10

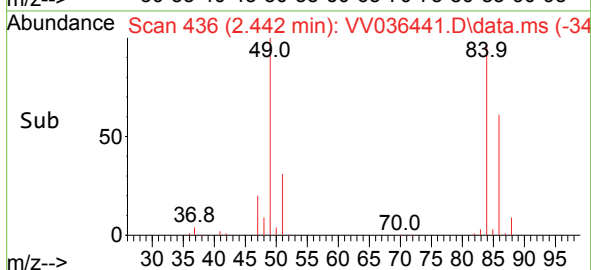
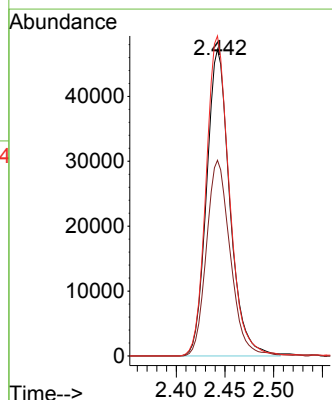
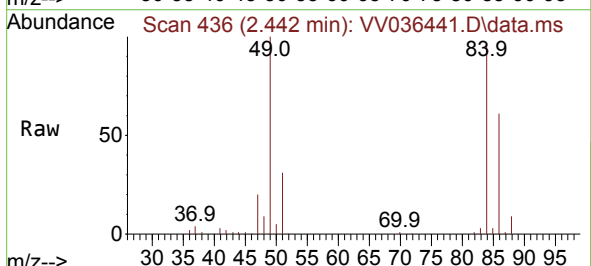
Tgt Ion: 84 Resp: 78339

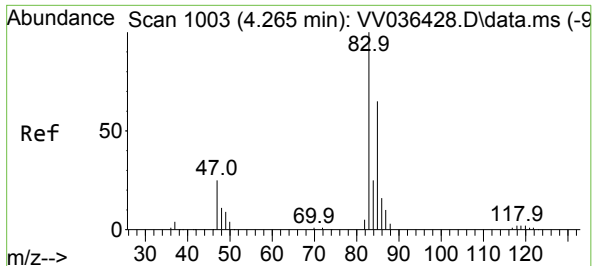
Ion Ratio Lower Upper

84 100

86 63.8 45.6 84.8

49 104.4 75.7 140.5

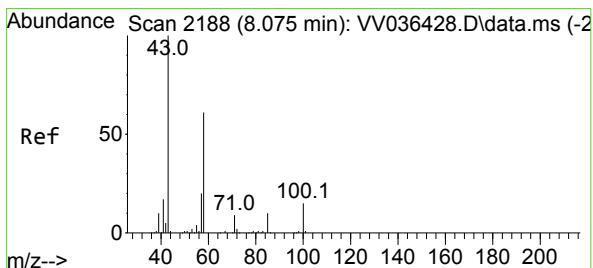
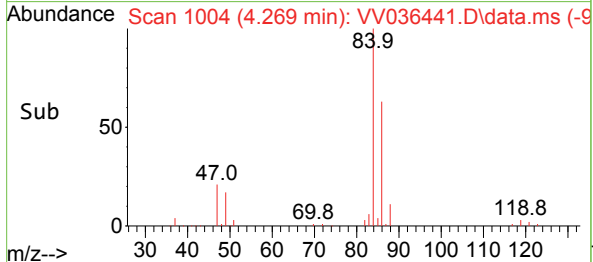
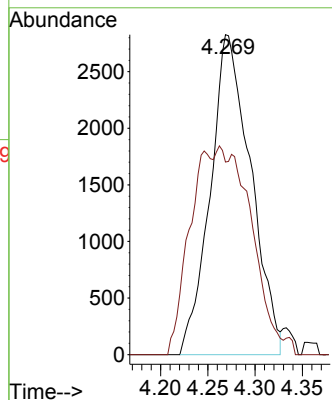
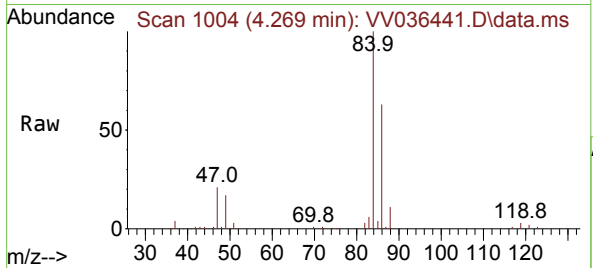




#25
Chloroform
Concen: 0.742 ug/L
RT: 4.269 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV036441.D
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 8395
Ion Ratio Lower Upper
83 100
85 60.2 45.0 83.6



#48
2-Hexanone
Concen: 1.934 ug/L
RT: 8.027 min Scan# 2173
Delta R.T. -0.048 min
Lab File: VV036441.D
Acq: 03 Jul 2024 14:10

Tgt Ion: 43 Resp: 5222
Ion Ratio Lower Upper
43 100
58 39.9 48.5 72.7#
57 45.9 15.8 23.6#
100 2.4 10.9 16.3#

