

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070224\
 Data File : VW036418.D
 Acq On : 02 Jul 2024 13:51
 Operator : SY/MD
 Sample : P3087-16
 Misc : 5.19g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 05:11:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:08:41 2024
 Response via : Initial Calibration

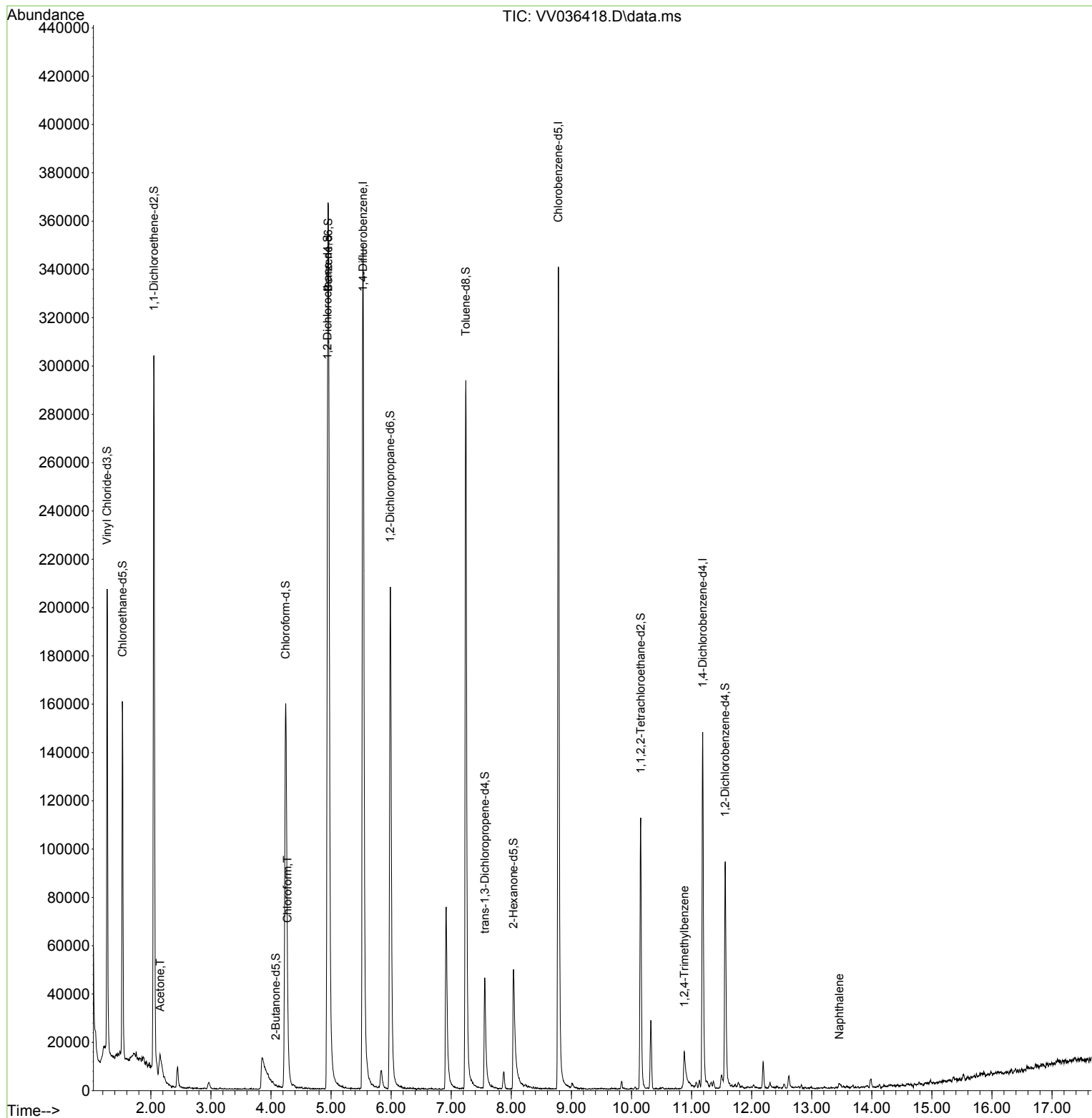
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	319642	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	199603	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	40780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	123588	22.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
7) Chloroethane-d5	1.526	69	98543	22.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.920%
11) 1,1-Dichloroethene-d2	2.050	65	48994	19.199	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.800%
21) 2-Butanone-d5	4.079	46	191	0.152	ug/L	0.24
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.300%#
24) Chloroform-d	4.243	84	180198	19.099	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.400%
26) 1,2-Dichloroethane-d4	4.941	65	100738	20.021	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	4.954	84	336686	29.881	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.520%
36) 1,2-Dichloropropane-d6	5.986	67	104840	30.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.720%#
41) Toluene-d8	7.243	98	211855	20.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.558	79	31210	20.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.480%
47) 2-Hexanone-d5	8.034	63	17941	33.163	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.320%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	56790	20.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	25755	17.331	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.320%#
Target Compounds						
13) Acetone	2.156	43	9097	5.344	ug/L #	49
25) Chloroform	4.275	83	4626	0.488	ug/L	99
63) 1,2,4-Trimethylbenzene	10.879	105	8665	2.260	ug/L #	31
71) Naphthalene	13.458	128	1376	0.500	ug/L #	83

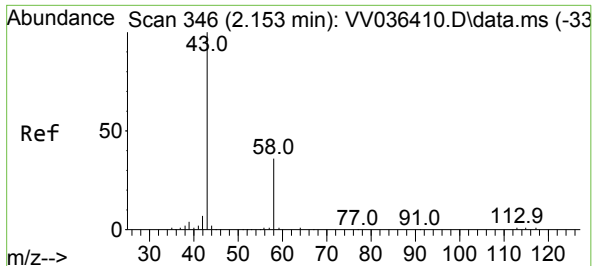
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 03 05:08:41 2024
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#13

Acetone

Concen: 5.344 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

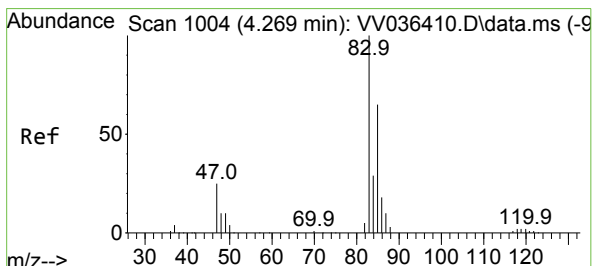
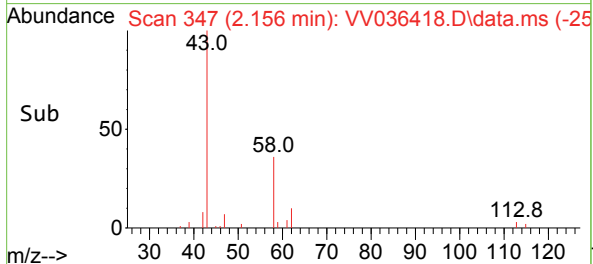
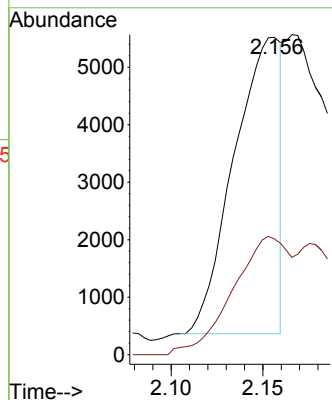
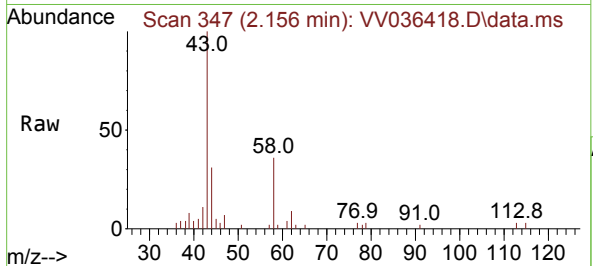
ClientSampleId :

Tgt Ion: 43 Resp: 9097

Ion Ratio Lower Upper

43 100

58 48.1 0.0 0.6#



#25

Chloroform

Concen: 0.488 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.006 min

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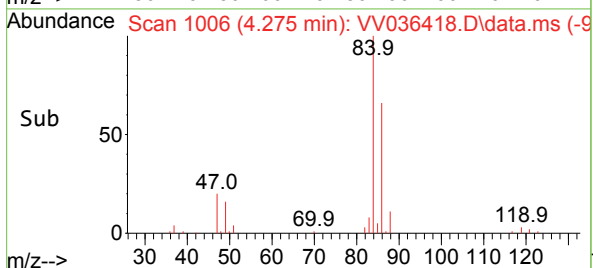
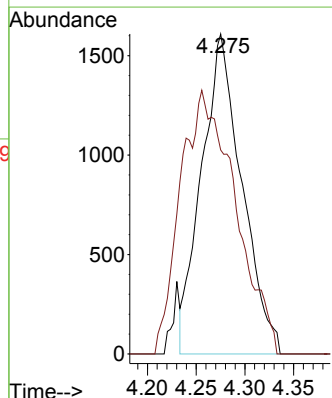
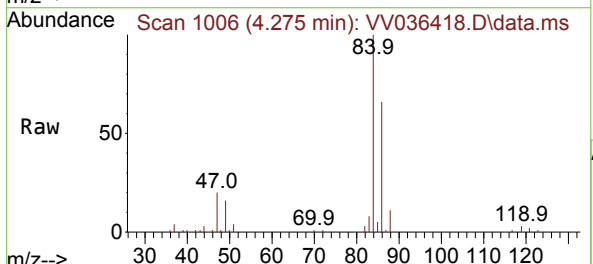
Acq: 02 Jul 2024 13:51

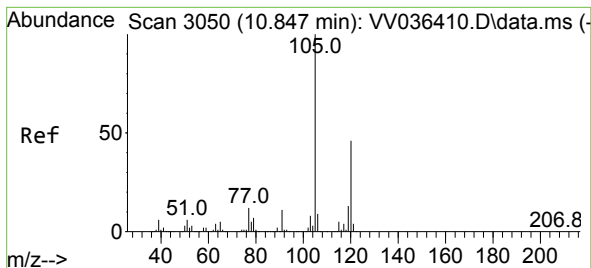
Tgt Ion: 83 Resp: 4626

Ion Ratio Lower Upper

83 100

85 63.8 45.0 83.6





#63

1,2,4-Trimethylbenzene

Concen: 2.260 ug/L

RT: 10.879 min Scan# 3060

Delta R.T. 0.032 min

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Instrument :

MSVOA_V

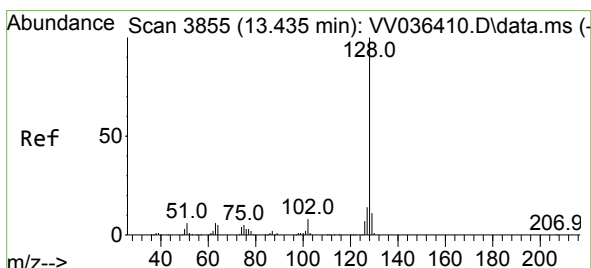
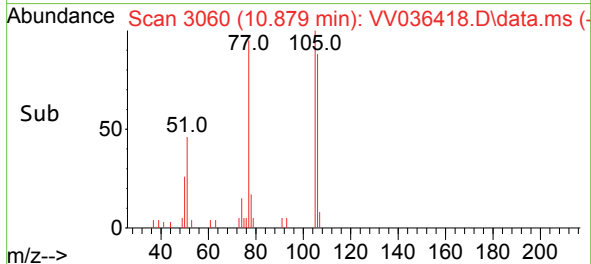
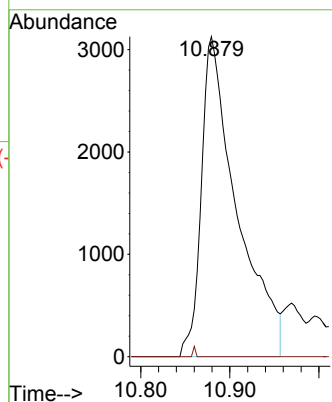
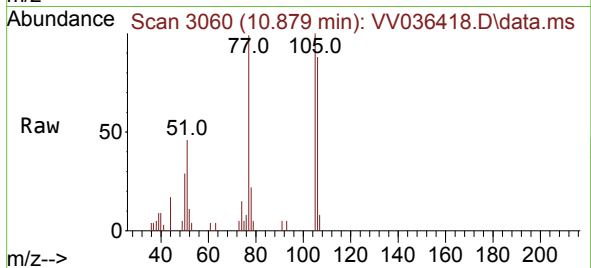
ClientSampleId :

Tgt Ion:105 Resp: 8665

Ion Ratio Lower Upper

105 100

120 0.0 36.2 54.4#



#71

Naphthalene

Concen: 0.500 ug/L

RT: 13.458 min Scan# 3862

Delta R.T. 0.023 min

Lab File: VV036418.D

Acq: 02 Jul 2024 13:51

Tgt Ion:128 Resp: 1376

Ion Ratio Lower Upper

128 100

127 6.8 10.8 16.2#

129 3.9 8.6 13.0#

