

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036400.D
 Acq On : 02 Jul 2024 01:48
 Operator : SY/MD
 Sample : P3087-19
 Misc : 5.49g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:28:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

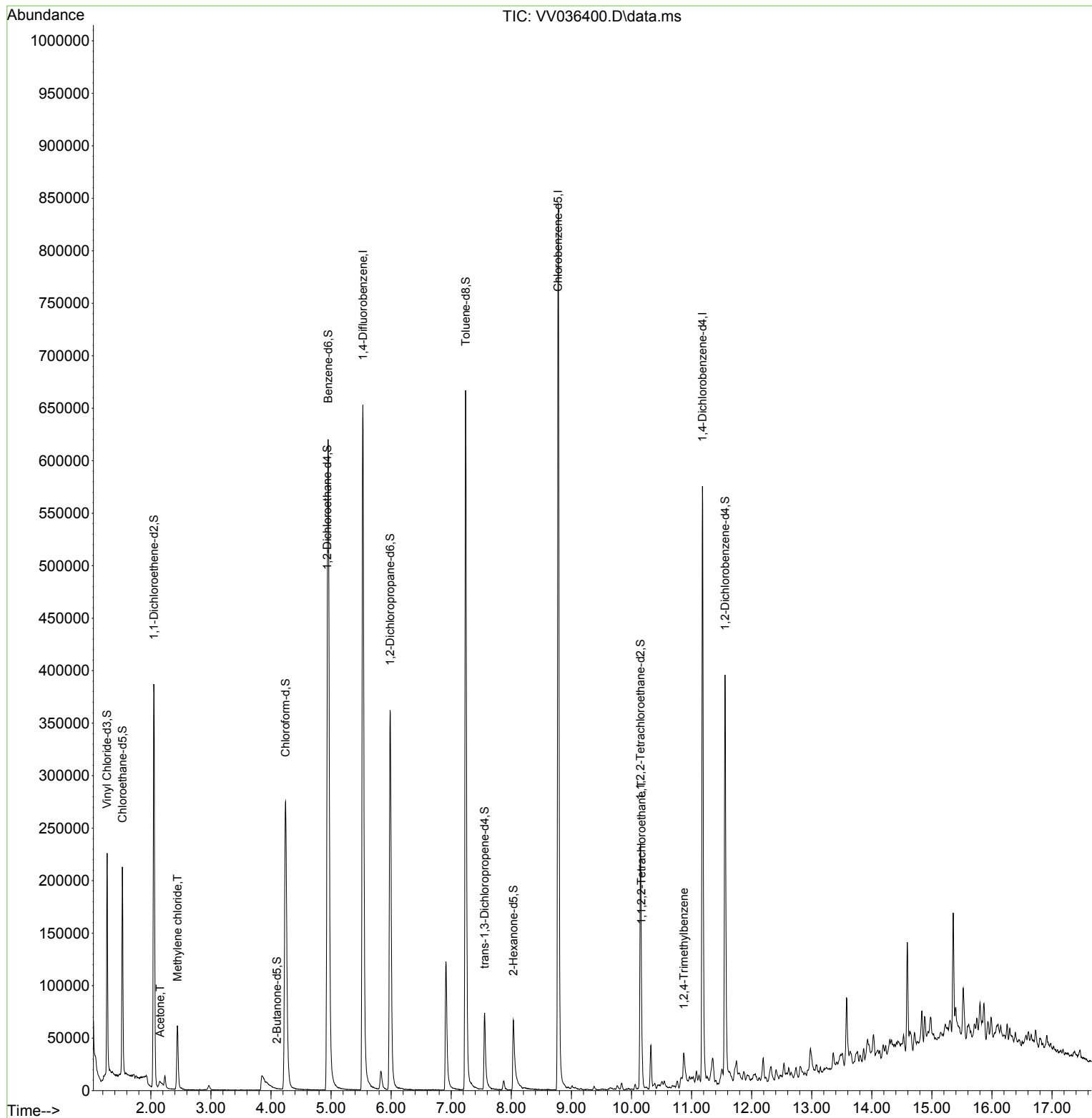
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	596633	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	491726	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	149041	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	140879	13.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.600%
7) Chloroethane-d5	1.526	69	134001	16.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.240%
11) 1,1-Dichloroethene-d2	2.050	65	66003	13.856	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.440%
21) 2-Butanone-d5	4.098	46	200	0.085	ug/L	0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.180%#
24) Chloroform-d	4.243	84	310951	17.656	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.640%
26) 1,2-Dichloroethane-d4	4.937	65	160485	17.088	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.360%#
32) Benzene-d6	4.953	84	591537	21.311	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.240%
36) 1,2-Dichloropropane-d6	5.982	67	185299	22.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.760%
41) Toluene-d8	7.239	98	467068	18.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.640%
43) trans-1,3-Dichloroprop...	7.555	79	48812	13.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	52.360%
47) 2-Hexanone-d5	8.034	63	25811	19.367	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.740%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	115140	16.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	101635	18.713	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.840%#
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	6492	2.043	ug/L #	36
16) Methylene chloride	2.442	84	29649	2.524	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	2638	0.448	ug/L #	56
63) 1,2,4-Trimethylbenzene	10.873	105	15910	1.136	ug/L #	31

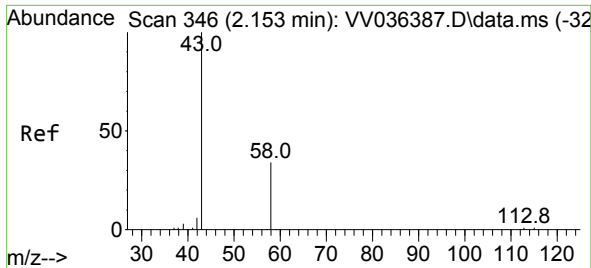
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.043 ug/L

RT: 2.153 min Scan# 346

Delta R.T. -0.000 min

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MSVOA_V

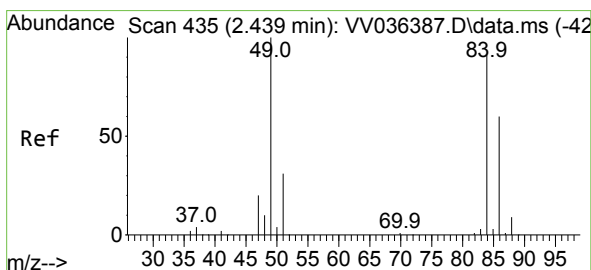
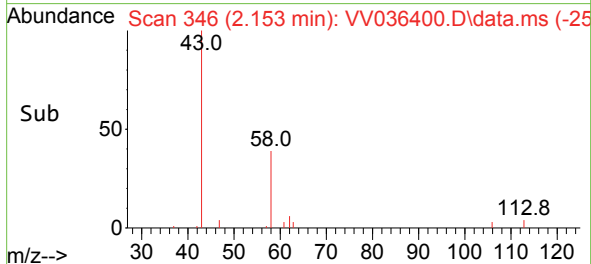
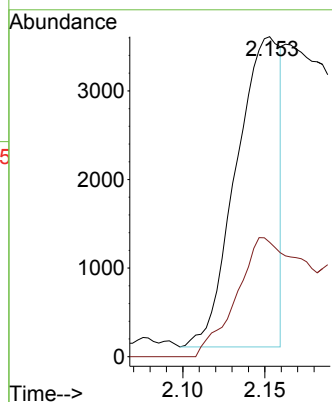
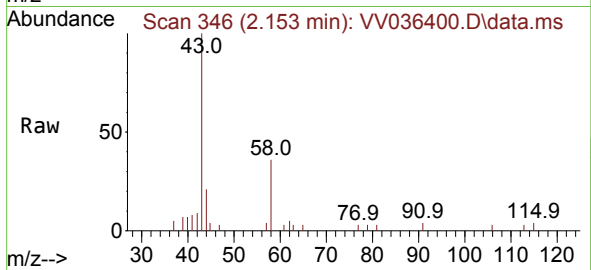
ClientSampleId :

Tgt Ion: 43 Resp: 6492

Ion Ratio Lower Upper

43 100

58 59.3 0.0 0.6#



#16

Methylene chloride

Concen: 2.524 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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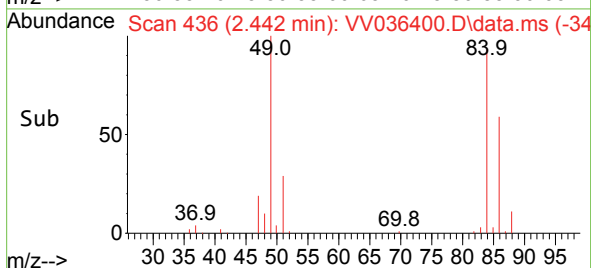
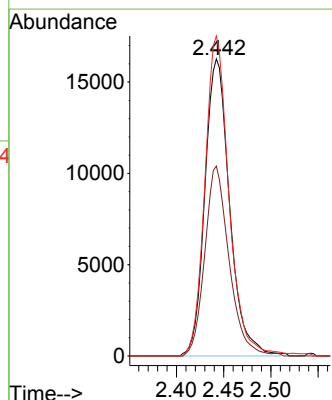
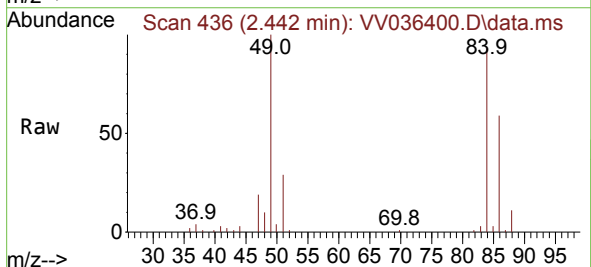
Tgt Ion: 84 Resp: 29649

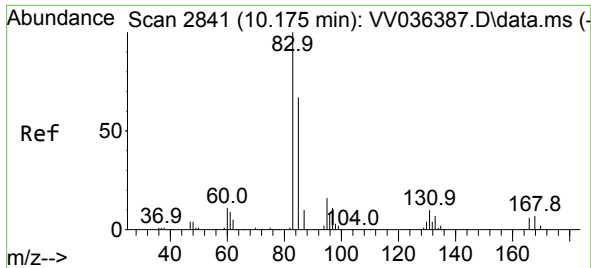
Ion Ratio Lower Upper

84 100

86 63.9 45.6 84.8

49 107.7 75.7 140.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.448 ug/L

RT: 10.165 min Scan# 21

Delta R.T. -0.010 min

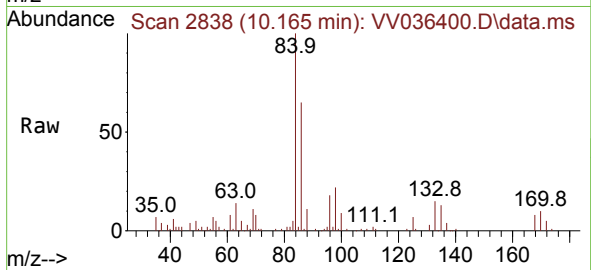
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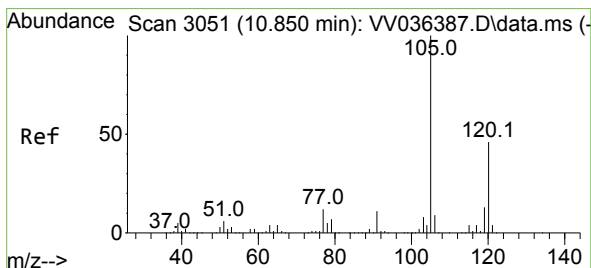
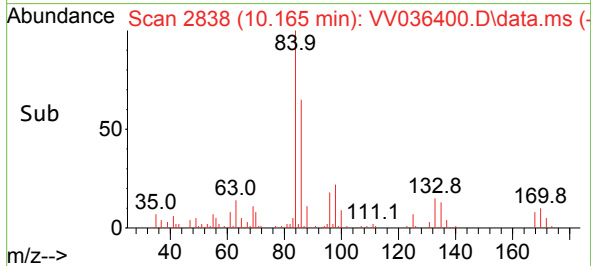
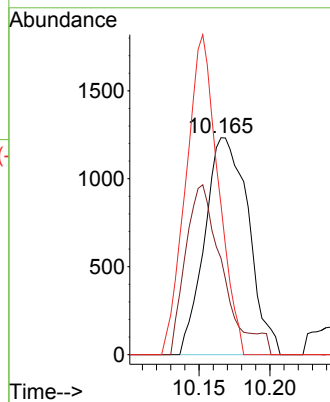
Tgt Ion: 83 Resp: 2638

Ion Ratio Lower Upper

83 100

85 44.4 45.7 84.9#

131 69.1 7.8 11.6#



#63

1,2,4-Trimethylbenzene

Concen: 1.136 ug/L

RT: 10.873 min Scan# 3058

Delta R.T. 0.022 min

Lab File: VV036400.D

Acq: 02 Jul 2024 01:48

Tgt Ion: 105 Resp: 15910

Ion Ratio Lower Upper

105 100

120 0.3 36.2 54.4#

