

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036180.D
 Acq On : 20 Jun 2024 22:51
 Operator : SY/MD
 Sample : P2962-05
 Misc : 3.12g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:14:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

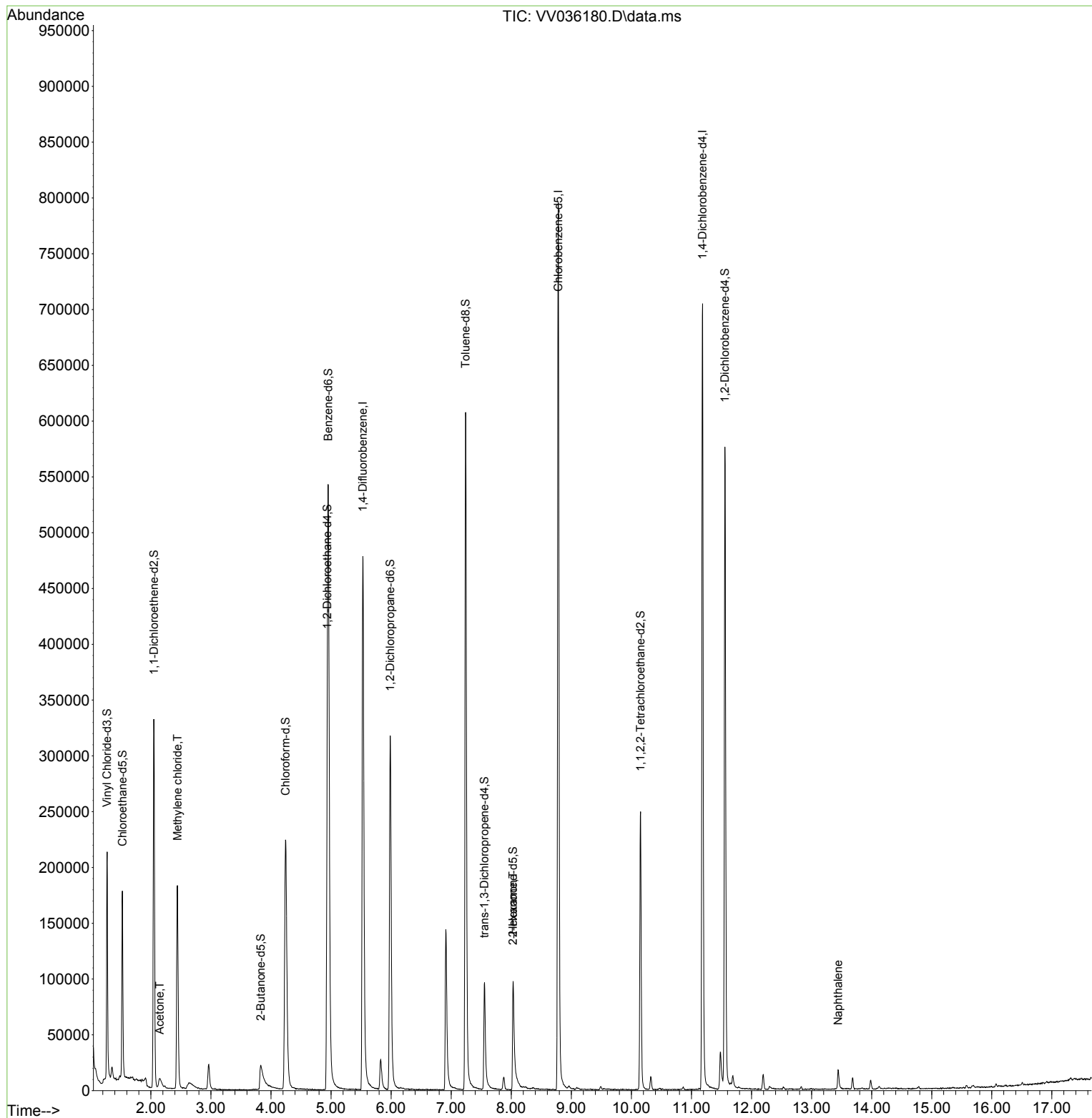
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	422020	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	439827	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	182880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	140031	18.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.200%
7) Chloroethane-d5	1.526	69	114393	18.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.960%
11) 1,1-Dichloroethene-d2	2.050	65	57976	16.785	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.120%
21) 2-Butanone-d5	3.831	46	46756	26.265	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.540%
24) Chloroform-d	4.243	84	250035	18.636	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.560%
26) 1,2-Dichloroethane-d4	4.937	65	149769	21.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.160%
32) Benzene-d6	4.953	84	492861	18.852	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	5.985	67	163206	19.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.280%
41) Toluene-d8	7.239	98	415474	18.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.040%
43) trans-1,3-Dichloroprop...	7.554	79	62402	18.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.960%
47) 2-Hexanone-d5	8.030	63	37881	33.960	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.920%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	125222	20.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.557	152	147681	22.021	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.080%
Target Compounds						
					Qvalue	
13) Acetone	2.146	43	22174	7.996	ug/L #	53
16) Methylene chloride	2.442	84	82943	8.686	ug/L	98
48) 2-Hexanone	8.027	43	4406	1.373	ug/L #	69
71) Naphthalene	13.442	128	15085	1.274	ug/L	100

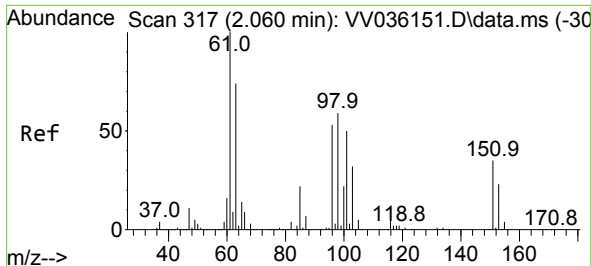
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.996 ug/L

RT: 2.146 min Scan# 344

Delta R.T. -0.000 min

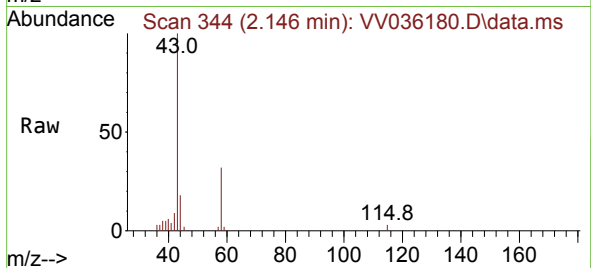
Lab File: VV036180.D

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Instrument :

MSVOA_V

ClientSampleId :

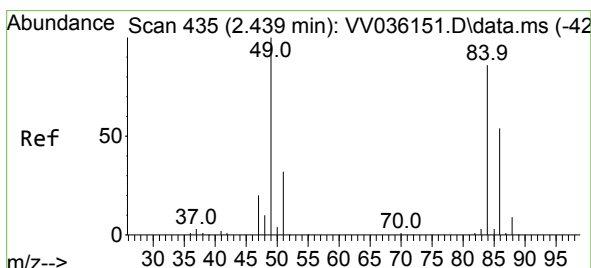
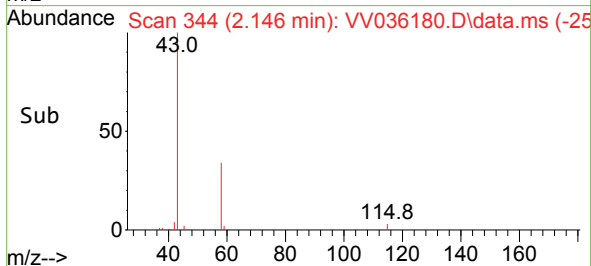
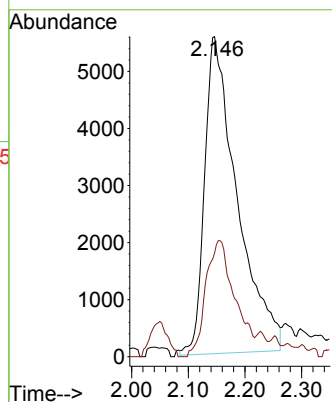


Tgt Ion: 43 Resp: 22174

Ion Ratio Lower Upper

43 100

58 30.5 0.0 24.2#



#16

Methylene chloride

Concen: 8.686 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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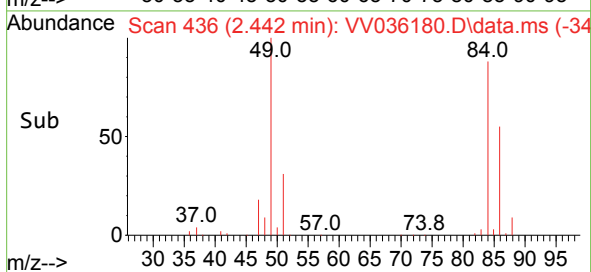
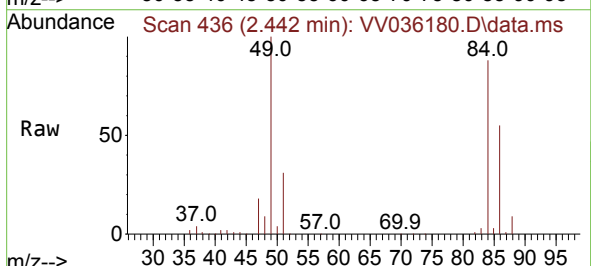
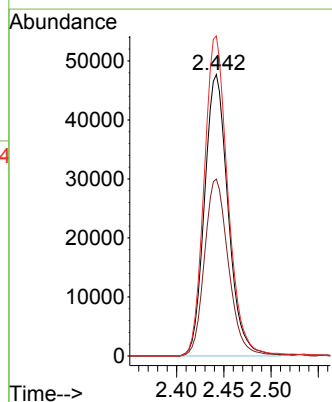
Tgt Ion: 84 Resp: 82943

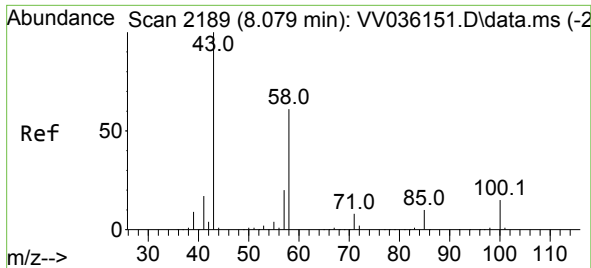
Ion Ratio Lower Upper

84 100

86 62.9 44.6 82.8

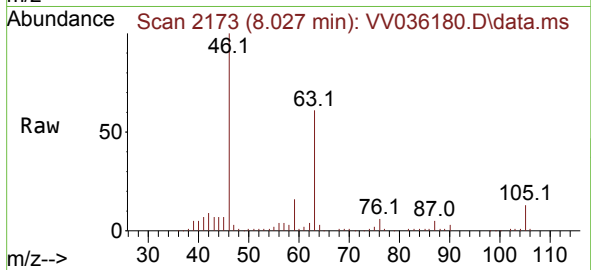
49 113.7 81.1 150.5



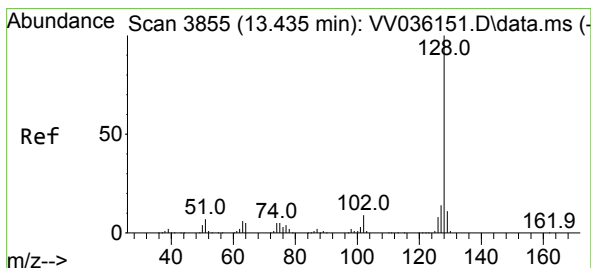
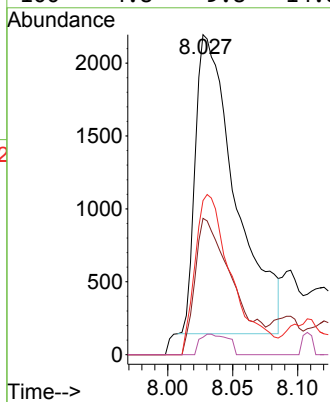
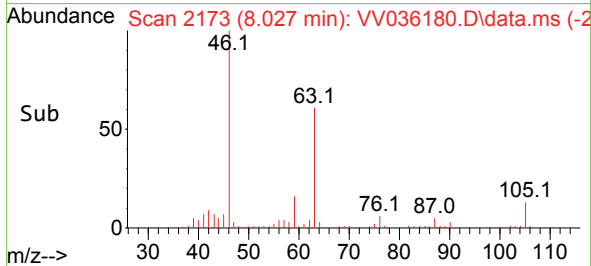


#48
2-Hexanone
Concen: 1.373 ug/L
RT: 8.027 min Scan# 2189
Delta R.T. -0.052 min
Lab File: VV036180.D
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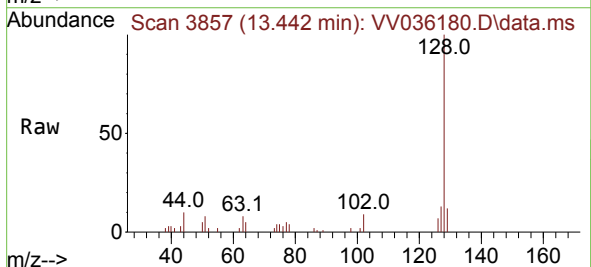
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 4406
Ion Ratio	Lower Upper
43	100
58	40.4 45.4 68.0#
57	49.9 15.8 23.8#
100	4.8 9.8 14.8#



#71
Naphthalene
Concen: 1.274 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV036180.D
Acq: 20 Jun 2024 22:51



Tgt Ion: 128	Resp: 15085
Ion Ratio	Lower Upper
128	100
127	13.1 10.6 16.0
129	11.1 8.8 13.2

