

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035938.D
 Acq On : 31 May 2024 18:21
 Operator : SY/MD
 Sample : P2663-09
 Misc : 5.09g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:05:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 22:59:48 2024
 Response via : Initial Calibration

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

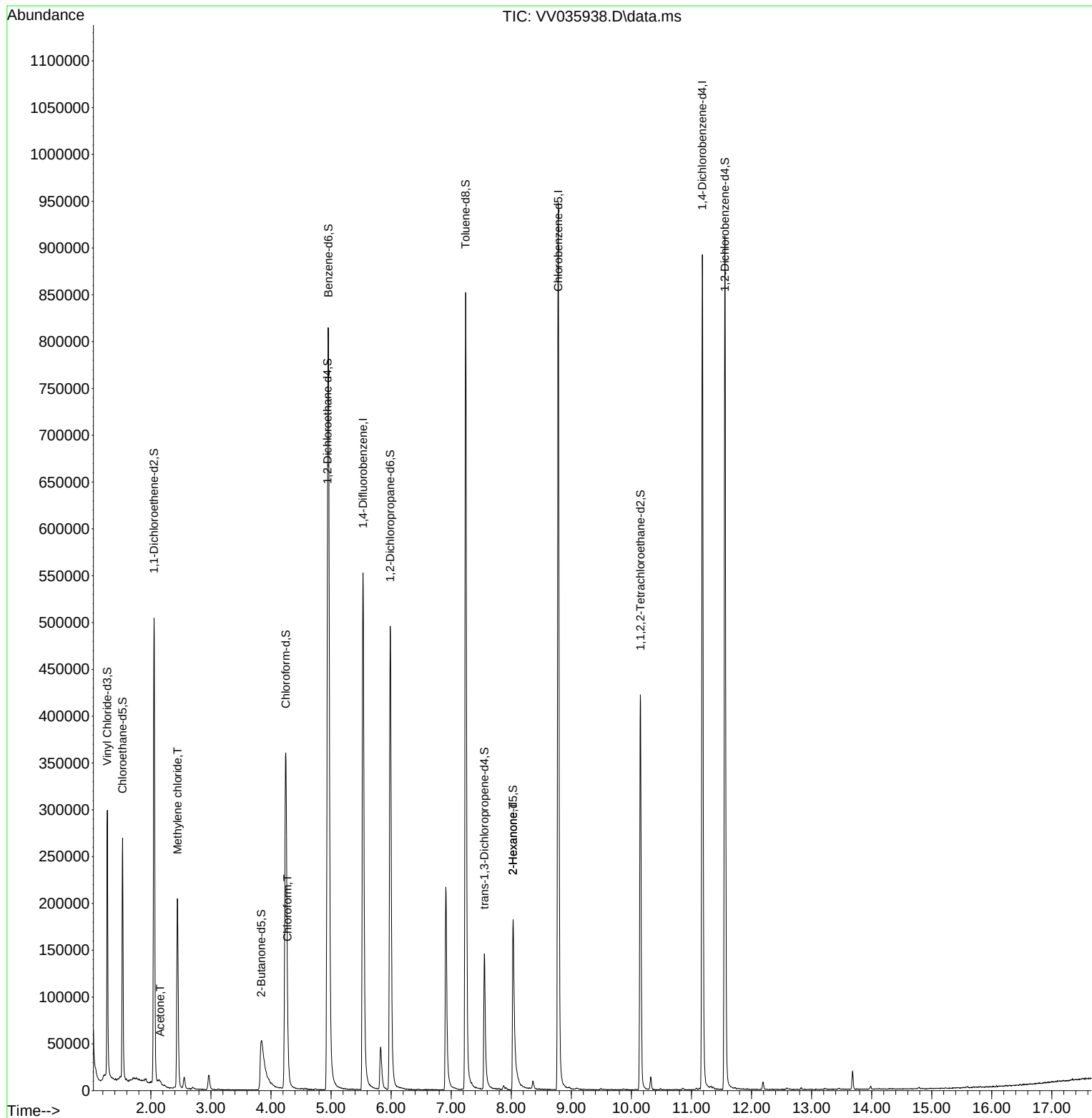
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	490556	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	538628	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	238094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	189886	21.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.200%
7) Chloroethane-d5	1.529	69	169294	23.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
11) 1,1-Dichloroethene-d2	2.053	65	86070	21.437	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.760%
21) 2-Butanone-d5	3.838	46	84886	41.022	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.040%
24) Chloroform-d	4.246	84	399610	25.623	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.480%
26) 1,2-Dichloroethane-d4	4.941	65	226765	27.732	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.920%
32) Benzene-d6	4.957	84	736768	23.012	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.040%
36) 1,2-Dichloropropane-d6	5.986	67	256754	25.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.880%
41) Toluene-d8	7.240	98	595954	21.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.551	79	92606	22.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.600%
47) 2-Hexanone-d5	8.031	63	68718	50.304	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	212672	28.227	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.920%
66) 1,2-Dichlorobenzene-d4	11.558	152	240233	27.514	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.040%
Target Compounds					Qvalue	
13) Acetone	2.153	43	4184	1.298	ug/L	83
16) Methylene chloride	2.442	84	89534	8.066	ug/L	100
25) Chloroform	4.275	83	11559	0.707	ug/L	90
48) 2-Hexanone	8.031	43	8972	2.284	ug/L #	65

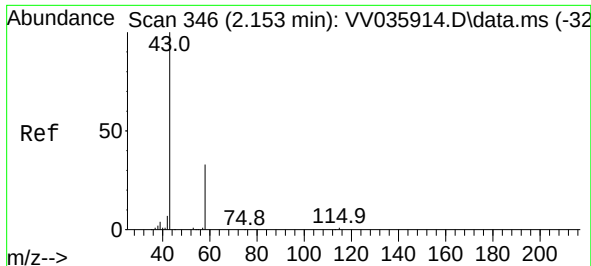
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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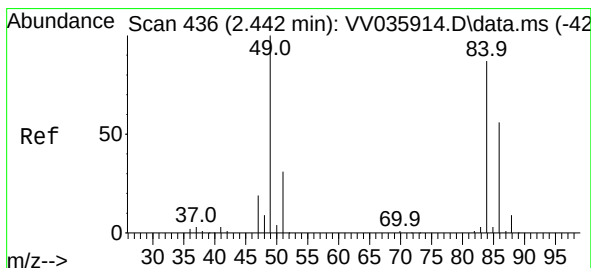
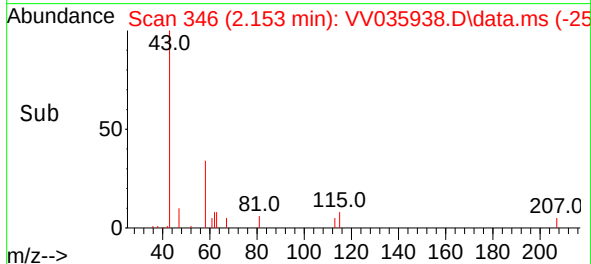
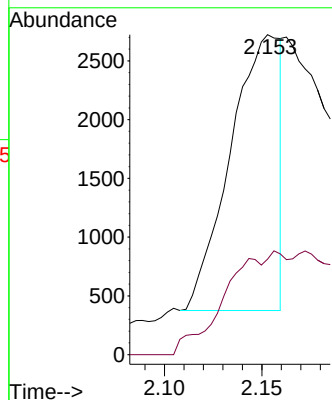
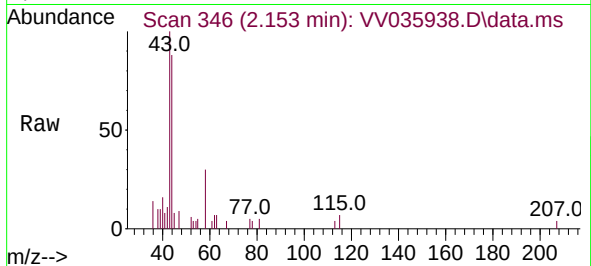




#13
Acetone
Concen: 1.298 ug/L
RT: 2.153 min Scan# 346
Delta R.T. 0.000 min
Lab File: VV035938.D
Acq: 31 May 2024 18:21

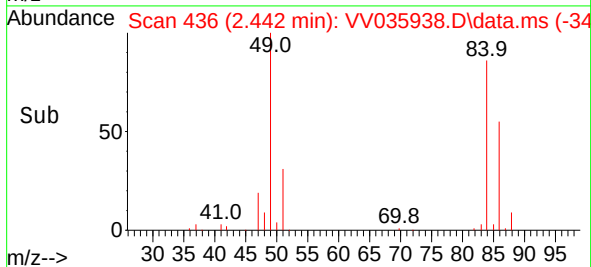
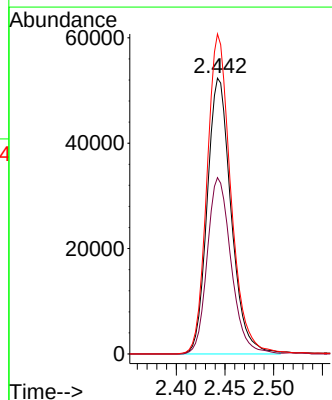
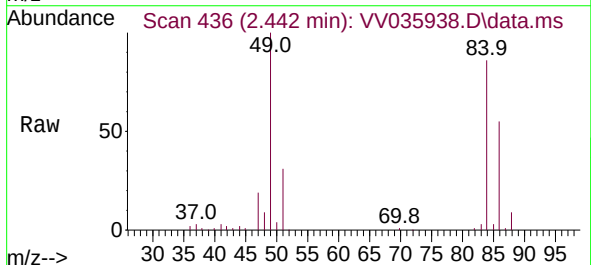
Instrument :
MSVOA_V
ClientSampleId :

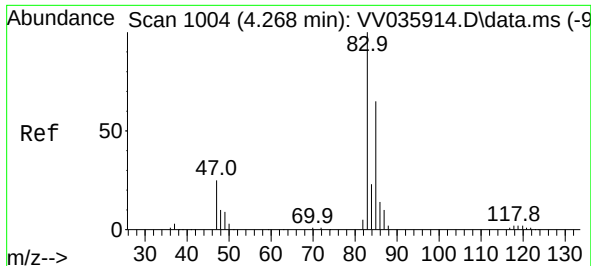
Tgt Ion: 43 Resp: 4184
Ion Ratio Lower Upper
43 100
58 18.6 0.0 24.2



#16
Methylene chloride
Concen: 8.066 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035938.D
Acq: 31 May 2024 18:21

Tgt Ion: 84 Resp: 89534
Ion Ratio Lower Upper
84 100
86 63.9 44.6 82.8
49 116.0 81.1 150.5





#25

Chloroform

Concen: 0.707 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV035938.D

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Instrument :

MSVOA_V

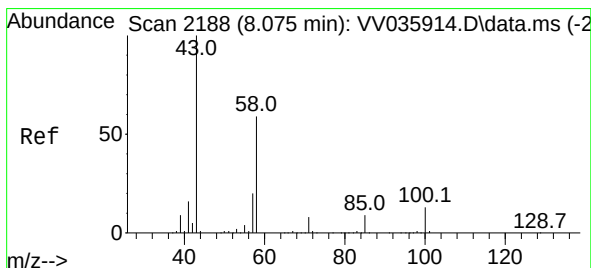
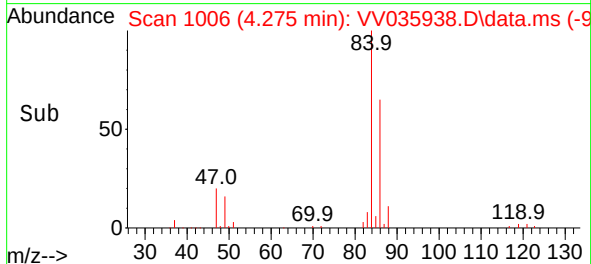
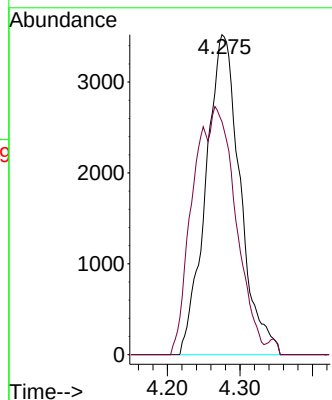
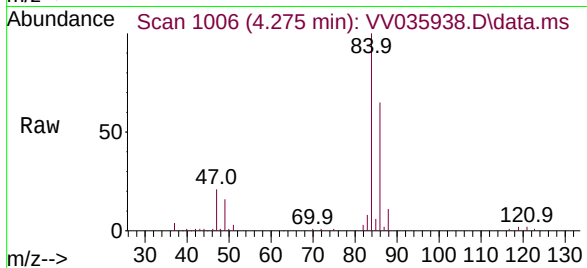
ClientSampleId :

Tgt Ion: 83 Resp: 11559

Ion Ratio Lower Upper

83 100

85 72.8 45.2 84.0



#48

2-Hexanone

Concen: 2.284 ug/L

RT: 8.031 min Scan# 2174

Delta R.T. -0.045 min

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Acq: 31 May 2024 18:21

Tgt Ion: 43 Resp: 8972

Ion Ratio Lower Upper

43 100

58 37.0 45.4 68.0#

57 48.6 15.8 23.8#

100 2.3 9.8 14.8#

