

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035658.D
 Acq On : 21 May 2024 22:55
 Operator : SY/MD
 Sample : P2547-14
 Misc : 5.96g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:41:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

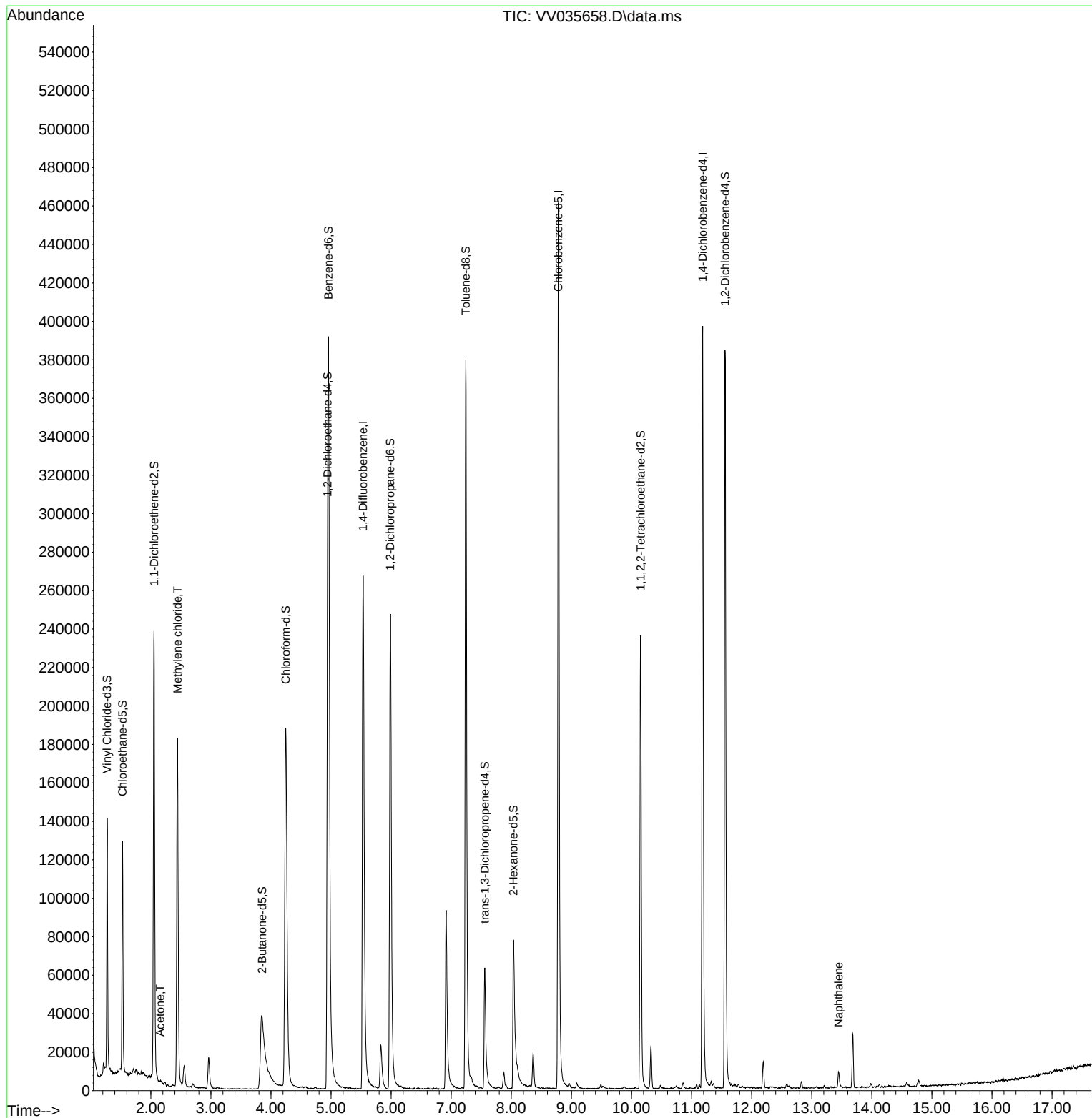
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	246146	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	268903	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	107222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	84639	22.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.000%
7) Chloroethane-d5	1.526	69	79852	26.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.080%
11) 1,1-Dichloroethene-d2	2.053	65	40081	23.797	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.200%
21) 2-Butanone-d5	3.854	46	49496	45.843	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.680%
24) Chloroform-d	4.246	84	213173	29.131	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.520%
26) 1,2-Dichloroethane-d4	4.941	65	114357	31.611	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.440%
32) Benzene-d6	4.957	84	357861	24.312	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	5.986	67	131138	28.869	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.480%
41) Toluene-d8	7.243	98	271983	20.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.040%
43) trans-1,3-Dichloroprop...	7.558	79	43293	22.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.120%
47) 2-Hexanone-d5	8.034	63	32024	39.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.420%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	119405	27.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	104245	28.015	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.040%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	1925	1.218	ug/L #	16
16) Methylene chloride	2.442	84	82147	14.472	ug/L	97
71) Naphthalene	13.445	128	8325	0.970	ug/L	99

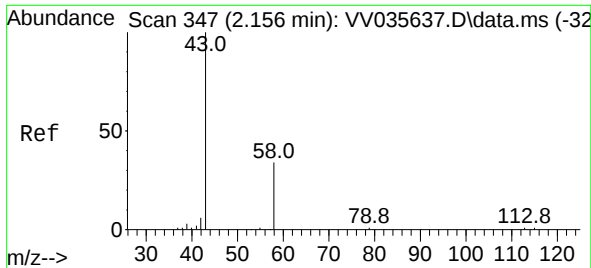
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 22 02:35:18 2024
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#13

Acetone

Concen: 1.218 ug/L

RT: 2.153 min Scan# 347

Delta R.T. -0.003 min

Lab File: VV035658.D

Acq: 21 May 2024 22:55

Instrument :

MSVOA_V

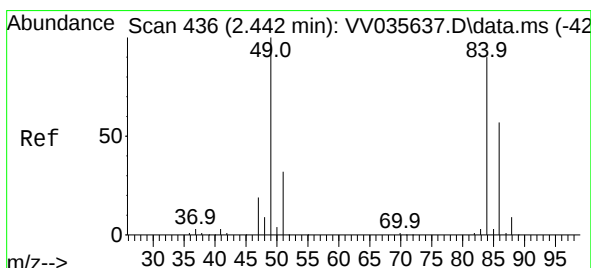
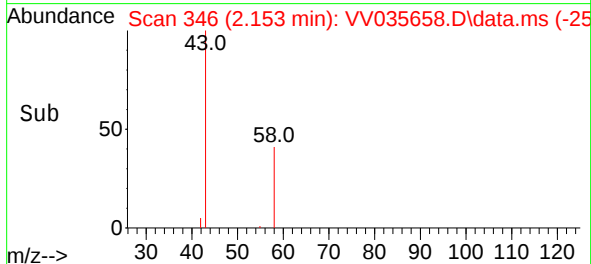
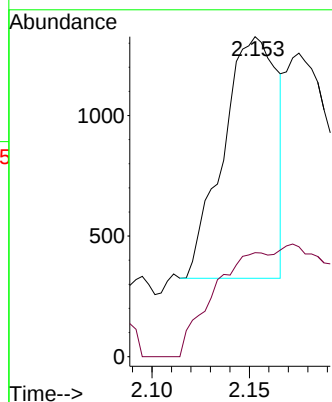
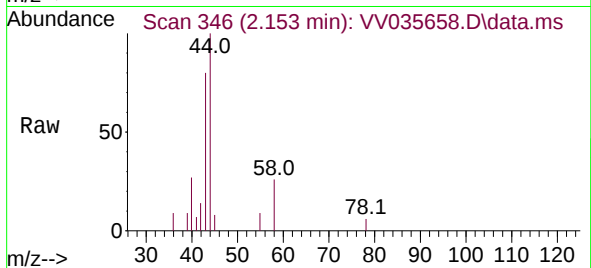
ClientSampleId :

Tgt Ion: 43 Resp: 1925

Ion Ratio Lower Upper

43 100

58 43.7 0.0 22.8#



#16

Methylene chloride

Concen: 14.472 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

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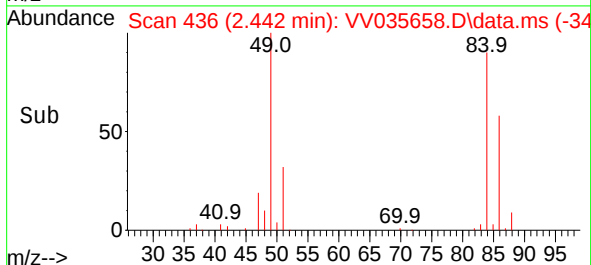
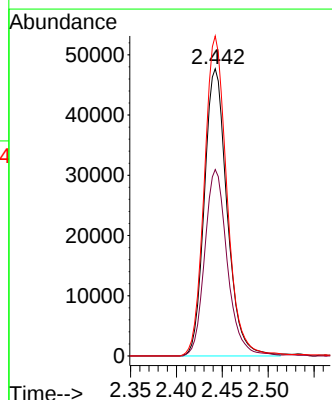
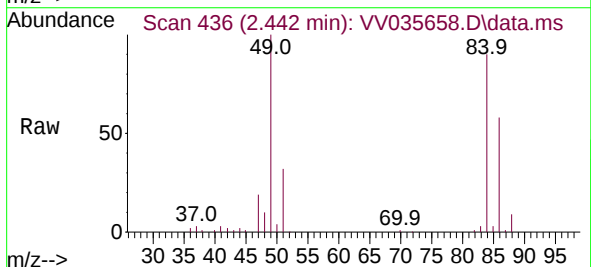
Tgt Ion: 84 Resp: 82147

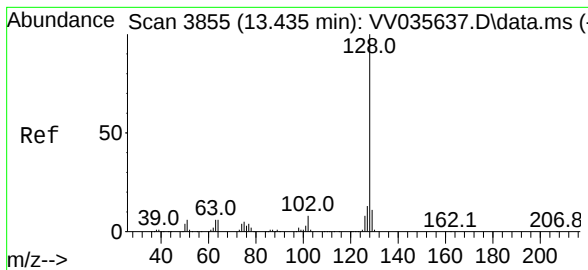
Ion Ratio Lower Upper

84 100

86 64.9 43.8 81.3

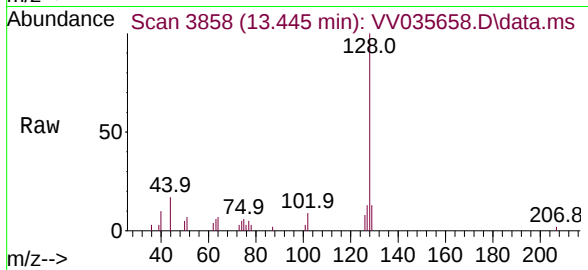
49 111.4 75.3 139.9





#71
Naphthalene
Concen: 0.970 ug/L
RT: 13.445 min Scan# 3855
Delta R.T. 0.010 min
Lab File: VV035658.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	8325
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	10.9	8.6	13.0

