

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035645.D
 Acq On : 21 May 2024 17:58
 Operator : SY/MD
 Sample : P2547-12
 Misc : 6.05g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:37:58 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)

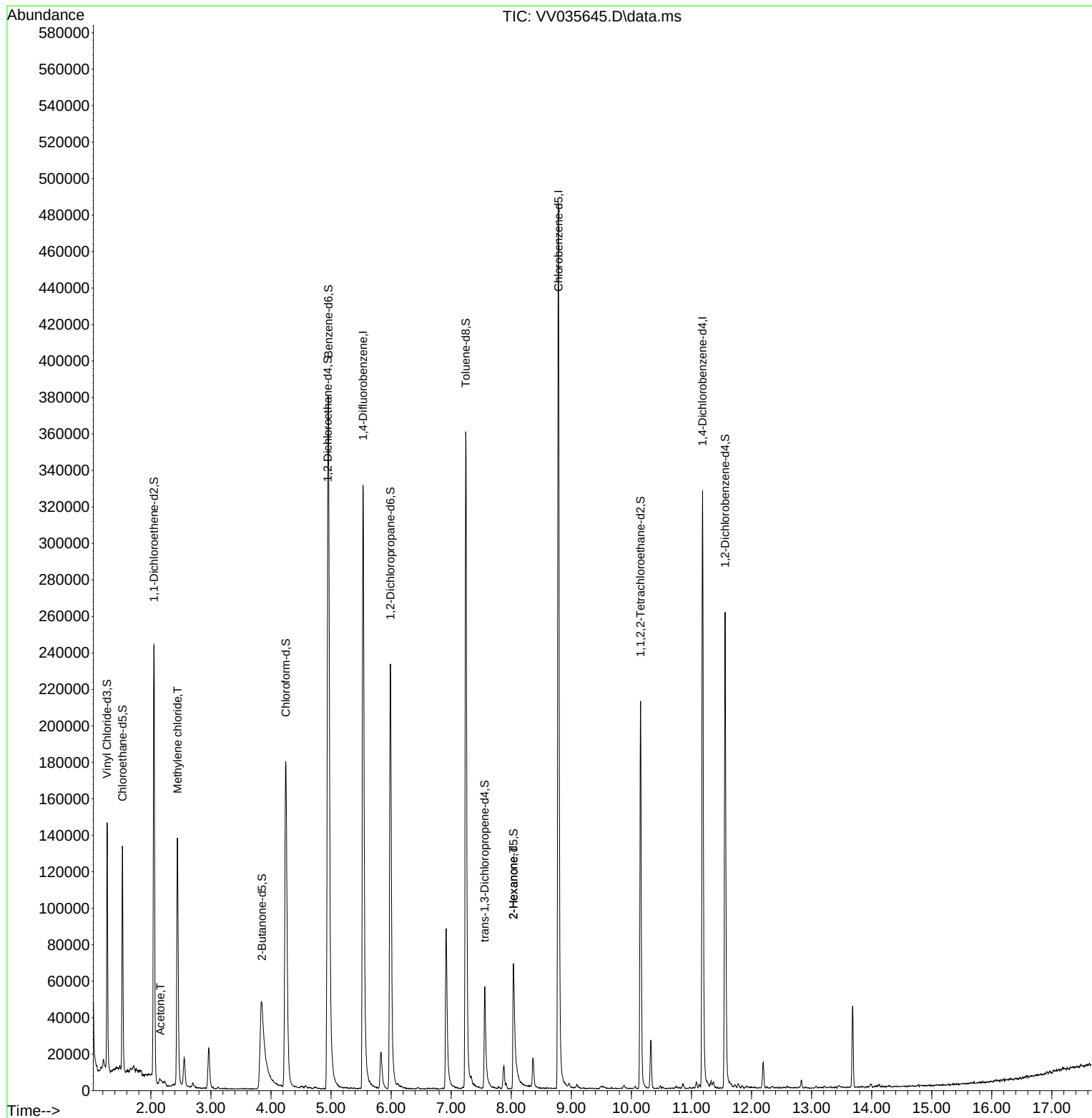
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	305776	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	281969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	92395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	90138	19.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.280%
7) Chloroethane-d5	1.526	69	82984	21.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.040%
11) 1,1-Dichloroethene-d2	2.050	65	40257	19.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.960%
21) 2-Butanone-d5	3.850	46	37886	28.247	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.500%
24) Chloroform-d	4.246	84	205373	22.592	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.360%
26) 1,2-Dichloroethane-d4	4.944	65	107689	23.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.840%
32) Benzene-d6	4.957	84	350932	22.736	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.960%
36) 1,2-Dichloropropane-d6	5.989	67	125269	26.299	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.200%
41) Toluene-d8	7.243	98	262218	19.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.360%
43) trans-1,3-Dichloroprop...	7.558	79	37996	18.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.600%
47) 2-Hexanone-d5	8.037	63	29278	34.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.360%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	107599	23.442	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	72458	22.597	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
13) Acetone	2.159	43	4173	2.125	ug/L	81
16) Methylene chloride	2.442	84	62061	8.802	ug/L	100
48) 2-Hexanone	8.037	43	3086	1.412	ug/L #	49

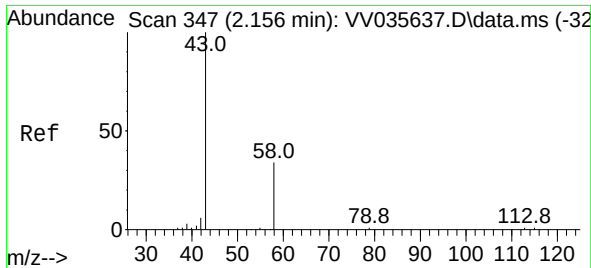
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.125 ug/L

RT: 2.159 min Scan# 347

Delta R.T. 0.003 min

Lab File: VV035645.D

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Instrument :

MSVOA_V

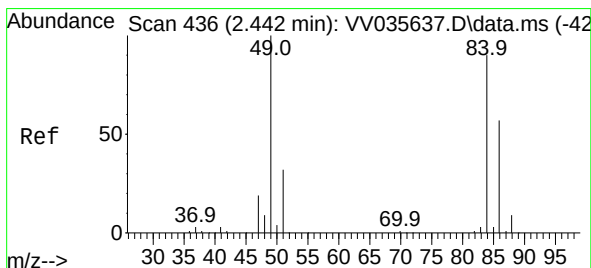
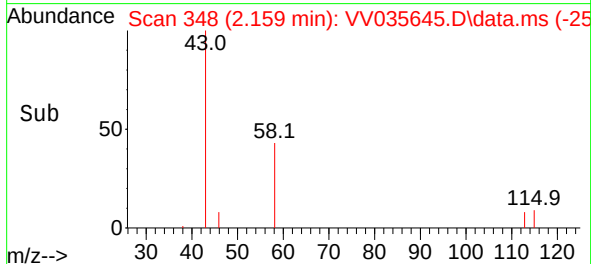
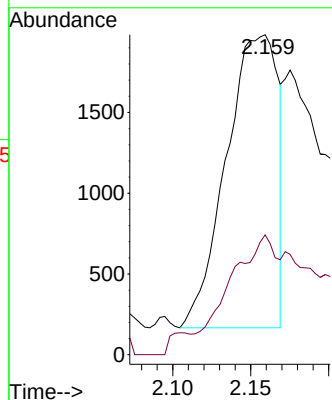
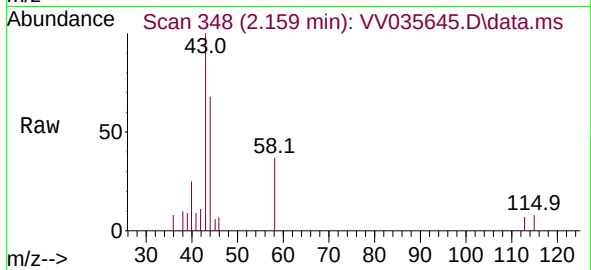
ClientSampleId :

Tgt Ion: 43 Resp: 4173

Ion Ratio Lower Upper

43 100

58 4.3 0.0 22.8



#16

Methylene chloride

Concen: 8.802 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

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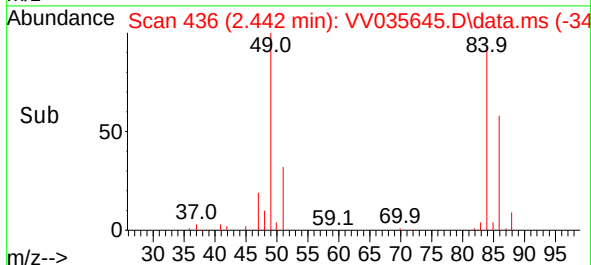
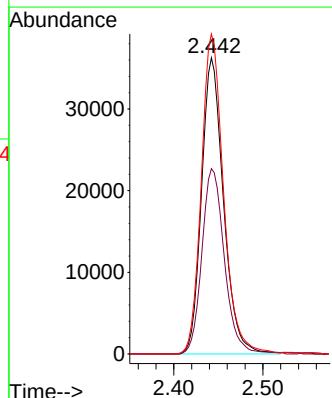
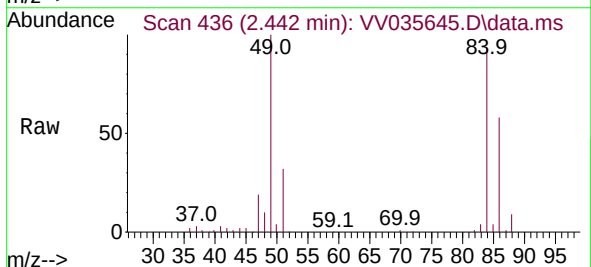
Tgt Ion: 84 Resp: 62061

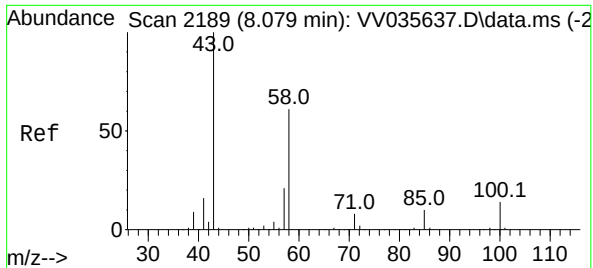
Ion Ratio Lower Upper

84 100

86 62.6 43.8 81.3

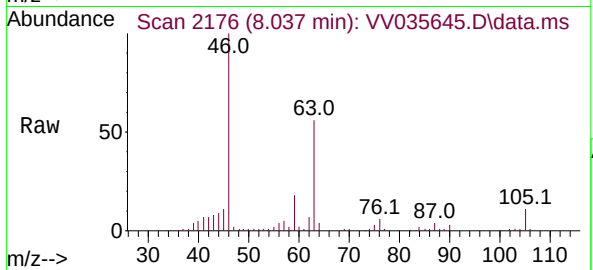
49 108.0 75.3 139.9





#48
 2-Hexanone
 Concen: 1.412 ug/L
 RT: 8.037 min Scan# 21
 Delta R.T. -0.042 min
 Lab File: VV035645.D
 Acq: 21 May 2024 17:58

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 3086

Ion	Ratio	Lower	Upper
43	100		
58	18.4	48.8	73.2#
57	46.1	16.9	25.3#
100	2.0	11.7	17.5#

