

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035755.D
 Acq On : 24 May 2024 18:26
 Operator : SY/MD
 Sample : P2577-12
 Misc : 4.62g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 23:49:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

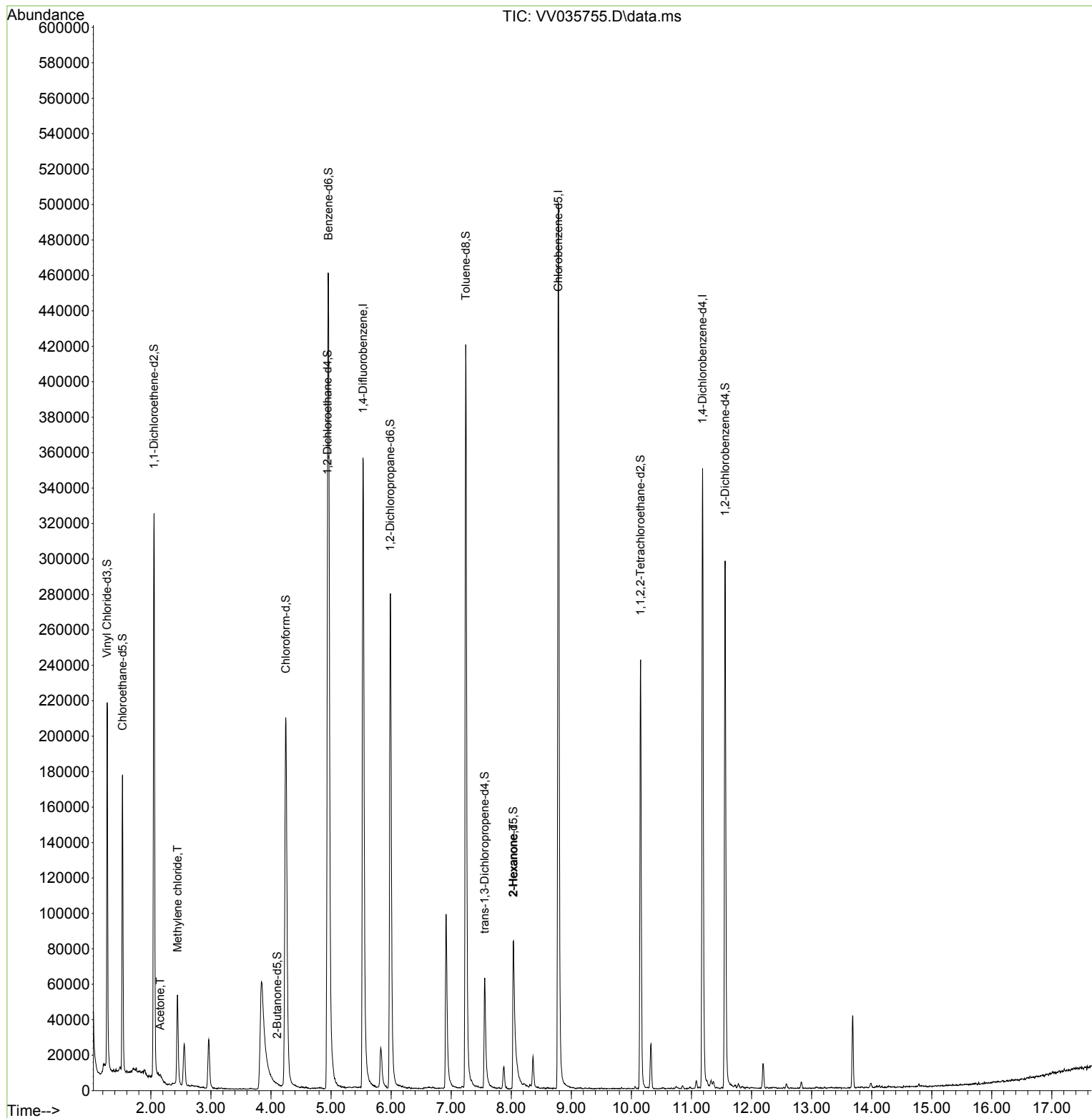
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	327764	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	294640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	98464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	137028	27.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.200%
7) Chloroethane-d5	1.529	69	112901	27.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.520%
11) 1,1-Dichloroethene-d2	2.053	65	55235	24.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.520%
21) 2-Butanone-d5	4.101	46	456	0.317	ug/L	0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.640%#
24) Chloroform-d	4.246	84	236978	24.320	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.280%
26) 1,2-Dichloroethane-d4	4.940	65	132778	27.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.240%
32) Benzene-d6	4.957	84	414427	25.695	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.985	67	145718	29.276	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.120%
41) Toluene-d8	7.243	98	301988	21.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.160%
43) trans-1,3-Dichloroprop...	7.558	79	41466	19.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.920%
47) 2-Hexanone-d5	8.034	63	31673	35.388	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.780%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	123074	25.661	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	83014	24.293	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.160%
Target Compounds						Qvalue
13) Acetone	2.156	43	8543	4.059	ug/L	94
16) Methylene chloride	2.445	84	22724	3.007	ug/L	99
48) 2-Hexanone	8.037	43	3688	1.614	ug/L #	70

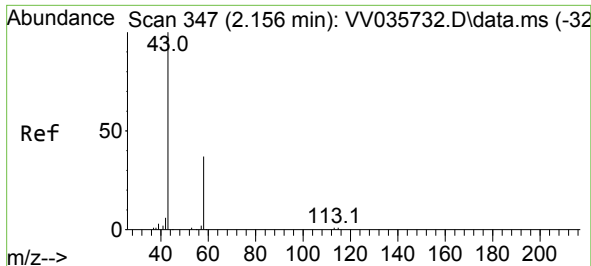
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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QLast Update : Fri May 24 23:42:56 2024
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#13

Acetone

Concen: 4.059 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV035755.D

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Instrument :

MSVOA_V

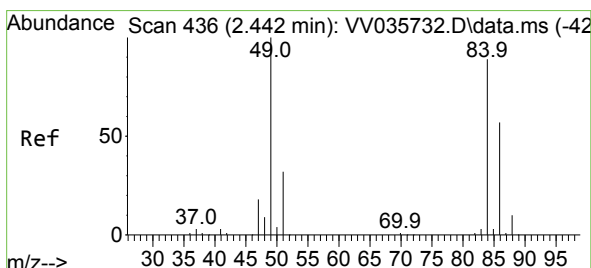
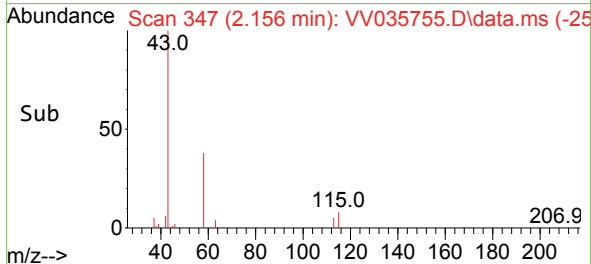
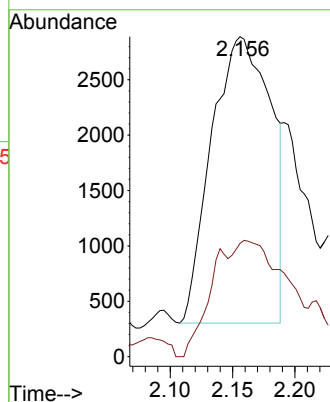
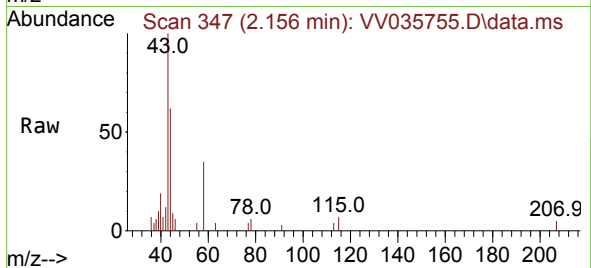
ClientSampleId :

Tgt Ion: 43 Resp: 8543

Ion Ratio Lower Upper

43 100

58 13.6 0.0 22.8



#16

Methylene chloride

Concen: 3.007 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

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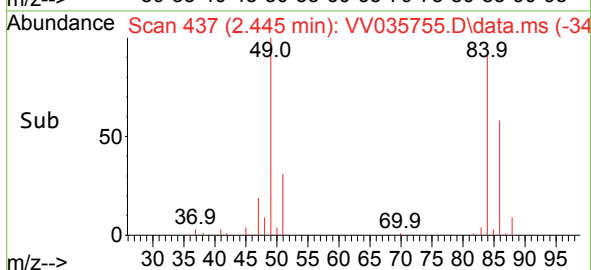
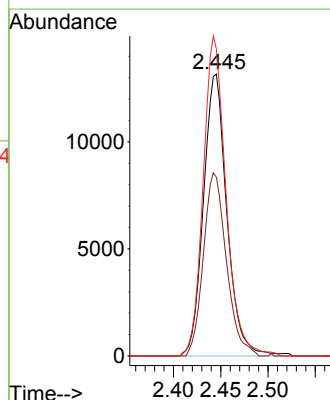
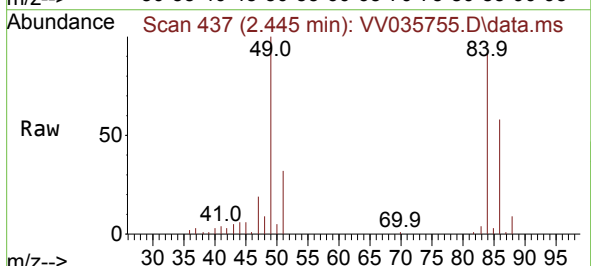
Tgt Ion: 84 Resp: 22724

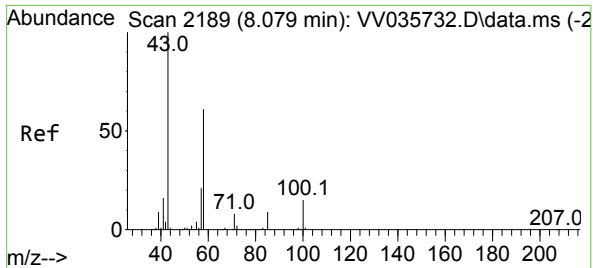
Ion Ratio Lower Upper

84 100

86 63.4 43.8 81.3

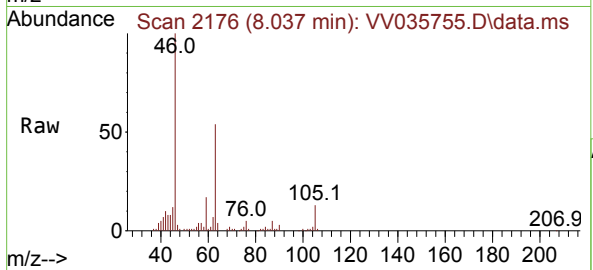
49 108.9 75.3 139.9





#48
2-Hexanone
Concen: 1.614 ug/L
RT: 8.037 min Scan# 21
Delta R.T. -0.042 min
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp:	3688
Ion	Ratio	Lower Upper
43	100	
58	38.3	48.8 73.2#
57	36.1	16.9 25.3#
100	3.1	11.7 17.5#

