

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036731.D
 Acq On : 26 Jul 2024 14:57
 Operator : SY/MD
 Sample : P3328-15
 Misc : 7.32g/5.00mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 04:17:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

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

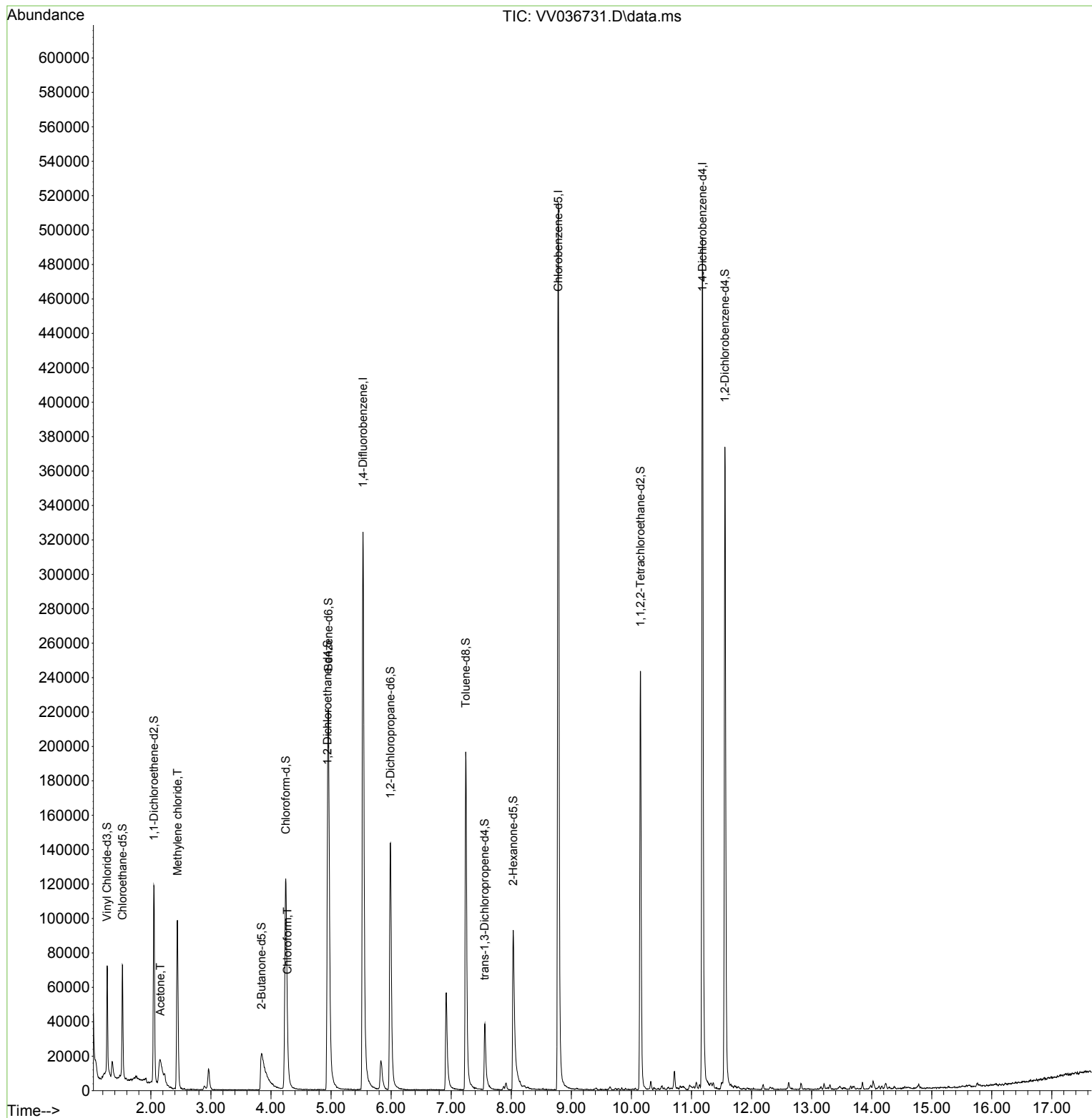
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	318357	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323691	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	147508	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	40267	11.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.200%
7) Chloroethane-d5	1.526	69	42993	13.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.600%
11) 1,1-Dichloroethene-d2	2.050	65	18581	10.078	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.320%#
21) 2-Butanone-d5	3.841	46	54230	66.643	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.280%
24) Chloroform-d	4.246	84	141870	16.850	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.400%
26) 1,2-Dichloroethane-d4	4.941	65	78624	18.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.720%
32) Benzene-d6	4.957	84	195143	12.720	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	50.880%
36) 1,2-Dichloropropane-d6	5.989	67	74363	17.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.040%#
41) Toluene-d8	7.243	98	151100	10.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	41.280%
43) trans-1,3-Dichloroprop...	7.558	79	28133	14.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.920%
47) 2-Hexanone-d5	8.034	63	36774	63.215	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	117817	30.924	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.680%#
66) 1,2-Dichlorobenzene-d4	11.558	152	107419	20.861	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.440%
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	43823	33.152	ug/L	85
16) Methylene chloride	2.442	84	47564	8.030	ug/L	97
25) Chloroform	4.275	83	4803	0.511	ug/L	95

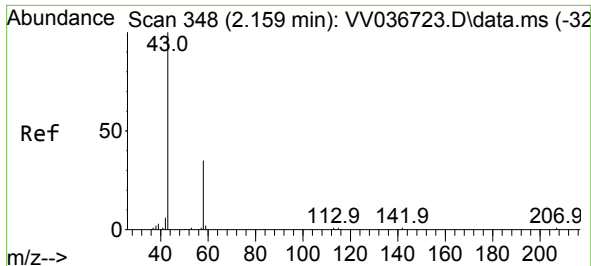
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
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#13

Acetone

Concen: 33.152 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.000 min

Lab File: VV036731.D

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Instrument :

MSVOA_V

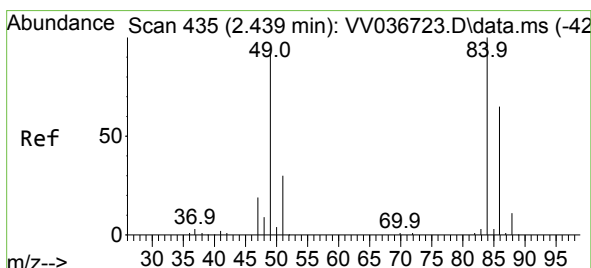
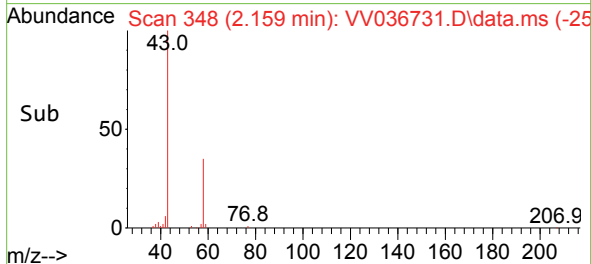
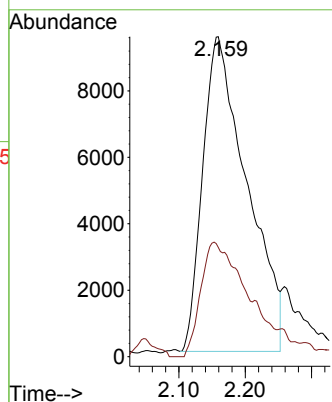
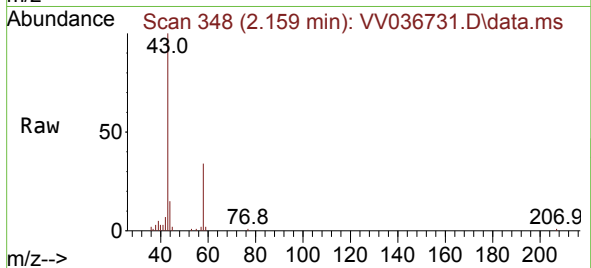
ClientSampleId :

Tgt Ion: 43 Resp: 43823

Ion Ratio Lower Upper

43 100

58 17.3 0.0 23.0



#16

Methylene chloride

Concen: 8.030 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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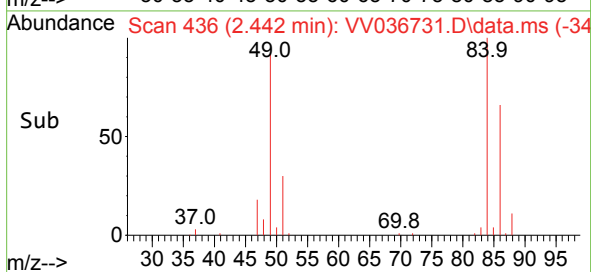
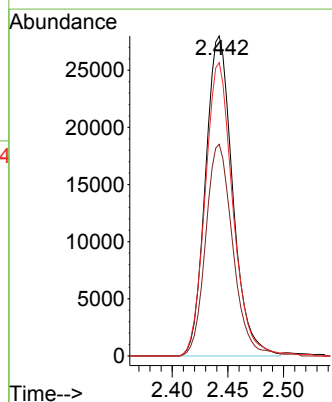
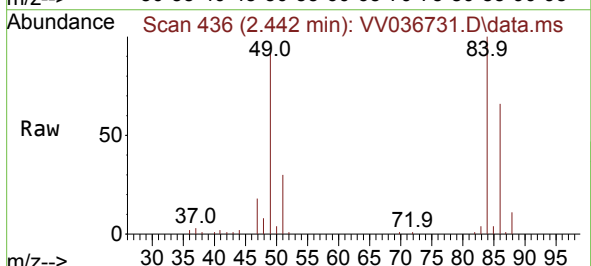
Tgt Ion: 84 Resp: 47564

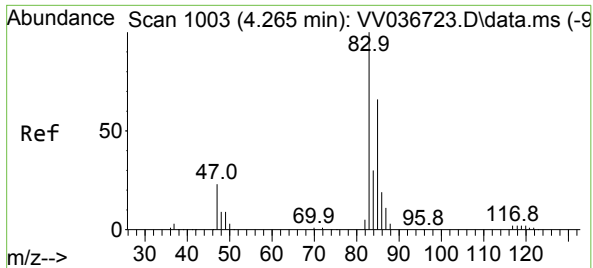
Ion Ratio Lower Upper

84 100

86 66.1 47.2 87.6

49 91.7 67.3 125.1





#25
 Chloroform
 Concen: 0.511 ug/L
 RT: 4.275 min Scan# 10
 Delta R.T. 0.010 min
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Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 4803
 Ion Ratio Lower Upper
 83 100
 85 69.4 45.6 84.6

