

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036223.D
 Acq On : 21 Jun 2024 22:36
 Operator : SY/MD
 Sample : P2987-13
 Misc : 5.16g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TA2

Quant Time: Jun 22 03:01:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 02:57:23 2024
 Response via : Initial Calibration

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

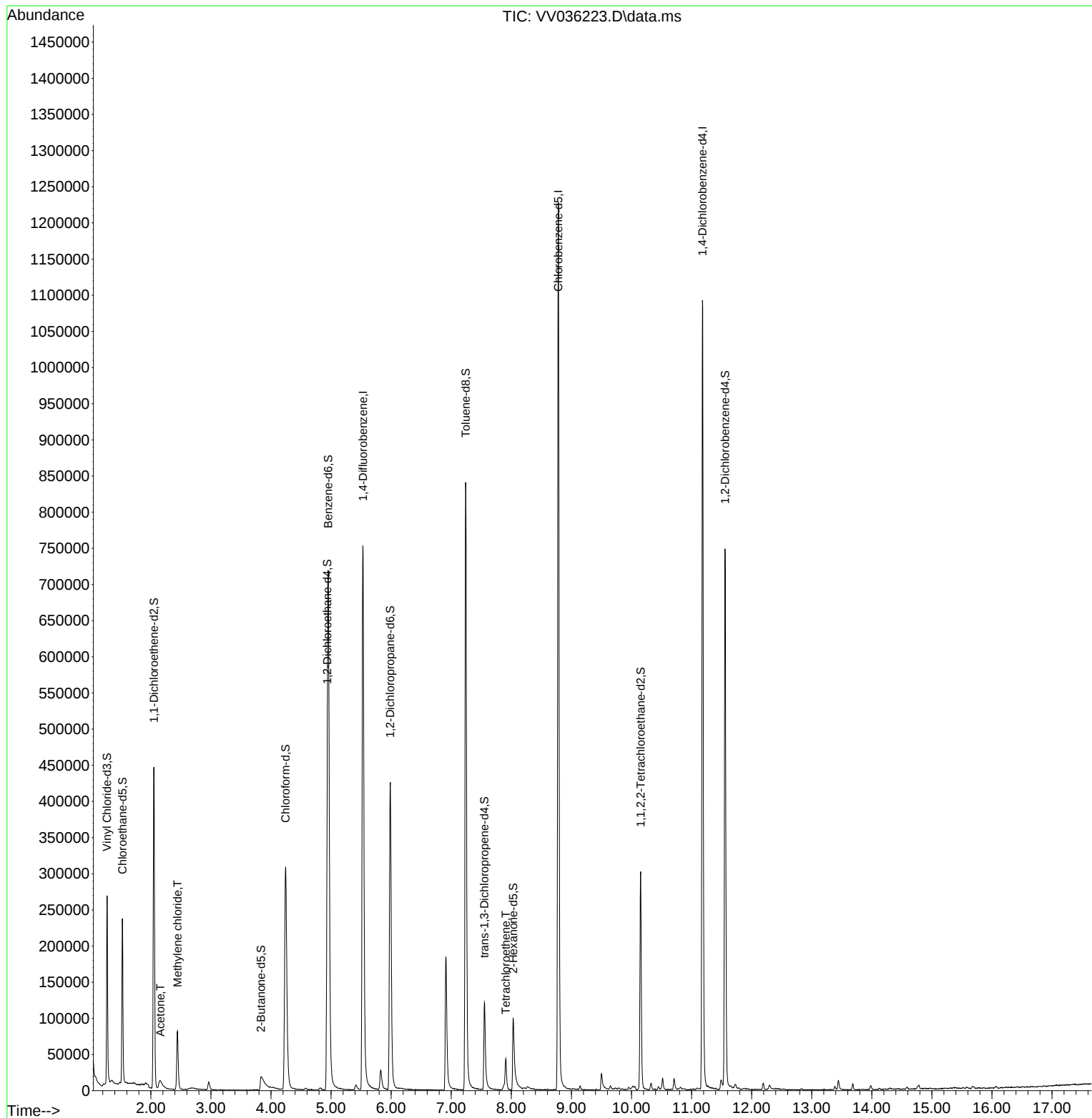
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	660249	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	673361	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	284904	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	178068	14.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.680%
7) Chloroethane-d5	1.526	69	156740	16.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.760%
11) 1,1-Dichloroethene-d2	2.050	65	77261	14.297	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.200%
21) 2-Butanone-d5	3.834	46	39112	14.044	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.080%
24) Chloroform-d	4.243	84	340203	16.207	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.840%
26) 1,2-Dichloroethane-d4	4.937	65	185773	16.880	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.520%#
32) Benzene-d6	4.953	84	668243	16.695	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.800%
36) 1,2-Dichloropropane-d6	5.985	67	217346	17.243	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.960%#
41) Toluene-d8	7.239	98	575128	16.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.160%
43) trans-1,3-Dichloroprop...	7.551	79	76835	14.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.480%
47) 2-Hexanone-d5	8.030	63	40328	23.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.220%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	146993	15.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.440%
66) 1,2-Dichlorobenzene-d4	11.557	152	189078	18.097	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.400%#
Target Compounds						Qvalue
13) Acetone	2.159	43	33090	7.627	ug/L	88
16) Methylene chloride	2.442	84	36748	2.460	ug/L	98
46) Tetrachloroethene	7.908	164	9715	0.984	ug/L	93

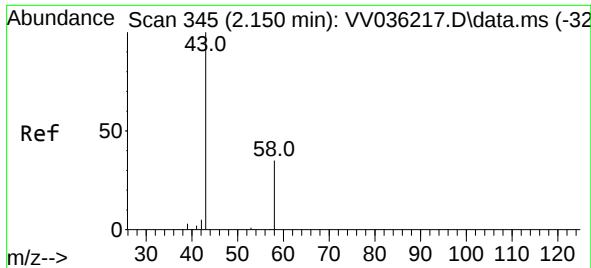
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.627 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.010 min

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Instrument :

MSVOA_V

ClientSampleId :

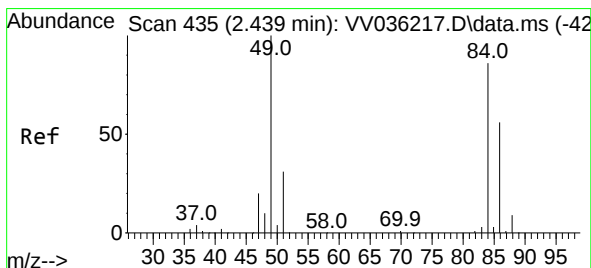
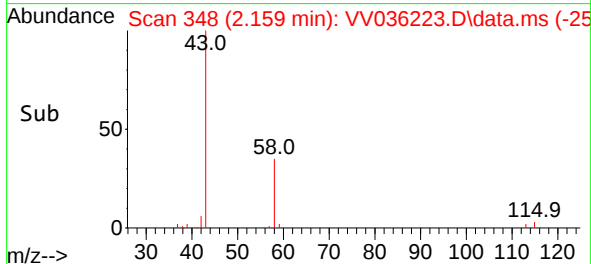
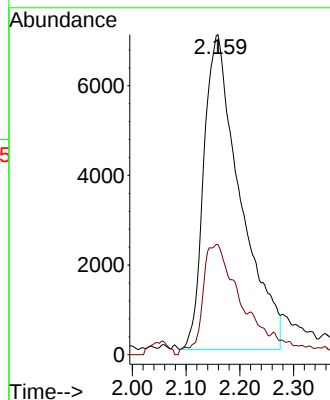
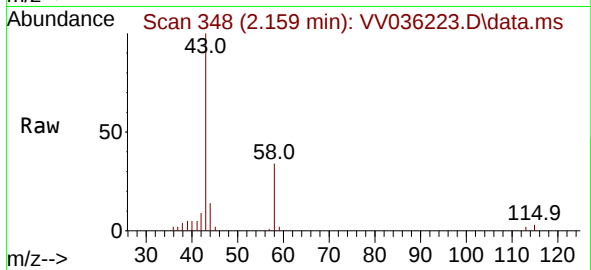
C0TA2

Tgt Ion: 43 Resp: 33090

Ion Ratio Lower Upper

43 100

58 7.5 0.0 24.2



#16

Methylene chloride

Concen: 2.460 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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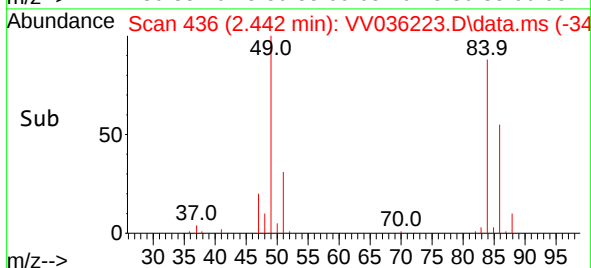
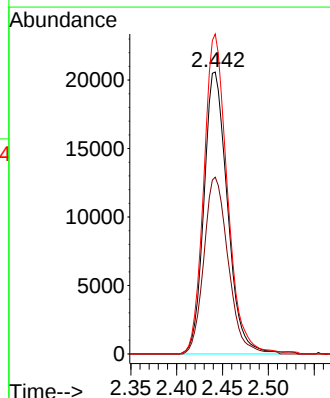
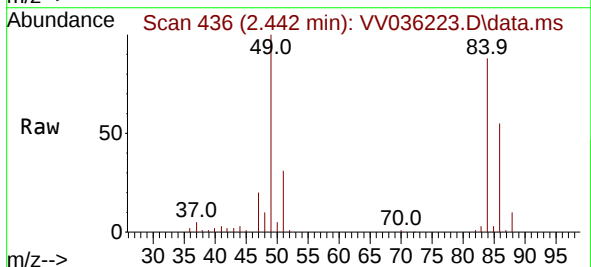
Tgt Ion: 84 Resp: 36748

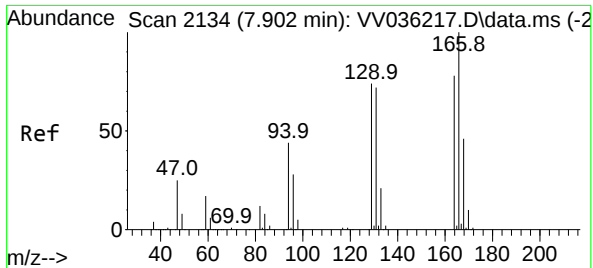
Ion Ratio Lower Upper

84 100

86 62.7 44.6 82.8

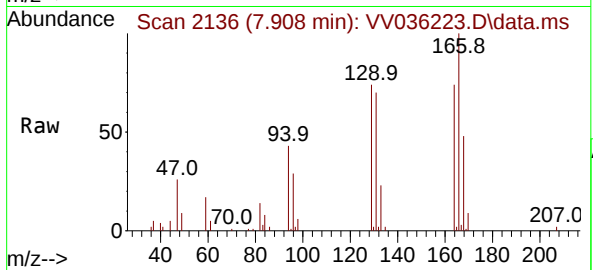
49 113.5 81.1 150.5





#46
 Tetrachloroethene
 Concen: 0.984 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. 0.006 min
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Tgt Ion:164 Resp: 9715

Ion	Ratio	Lower	Upper
164	100		
129	100.5	64.6	120.0
131	94.9	63.2	117.4
166	135.1	89.5	166.3

