

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036399.D
 Acq On : 02 Jul 2024 01:24
 Operator : SY/MD
 Sample : P3087-18
 Misc : 5.45g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:27:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

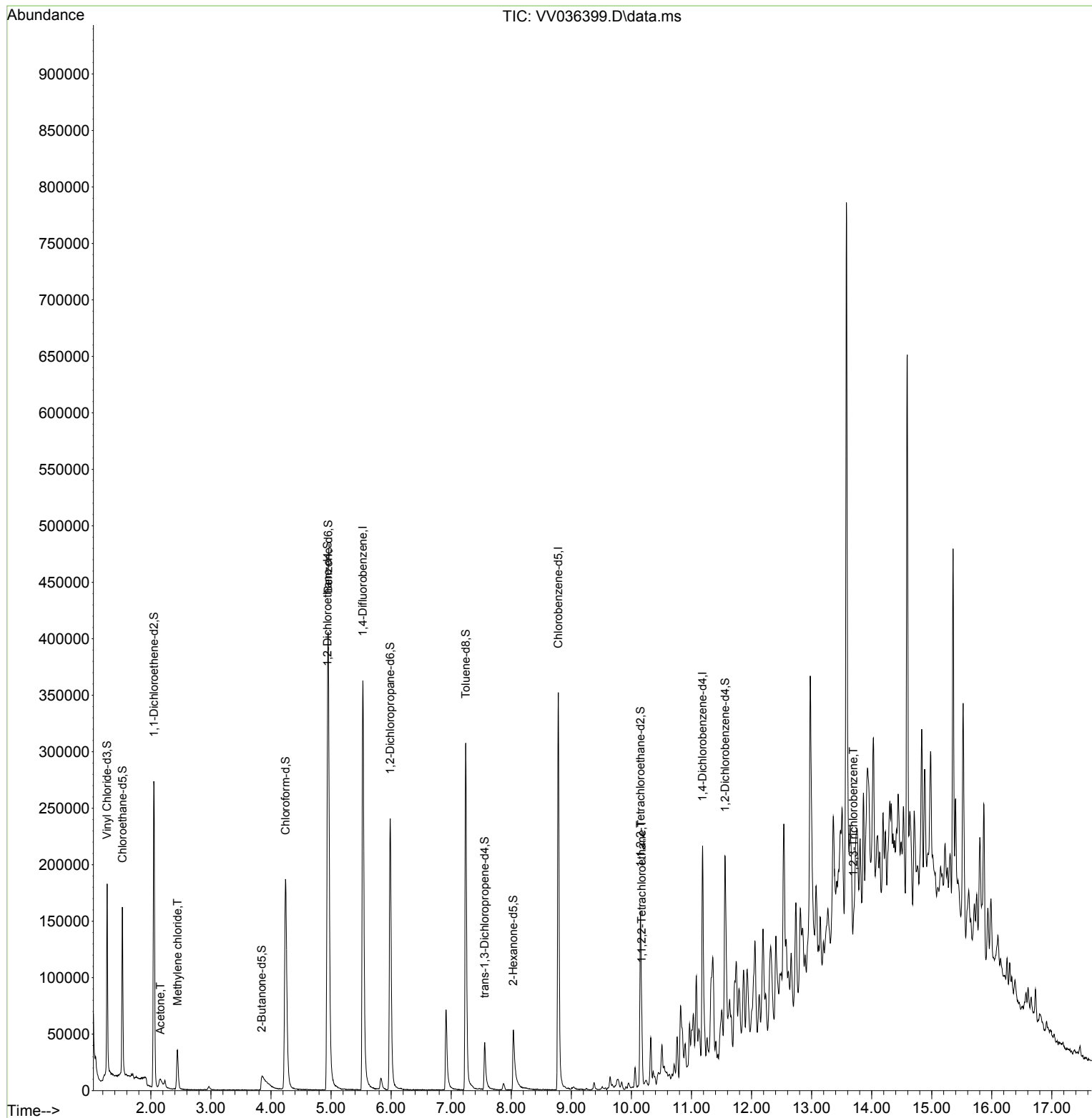
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	334119	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	206972	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	49167	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	108047	19.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.160%
7) Chloroethane-d5	1.526	69	102034	22.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	2.050	65	46989	17.615	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.480%
21) 2-Butanone-d5	3.847	46	23720	18.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.020%
24) Chloroform-d	4.243	84	209284	21.220	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.880%
26) 1,2-Dichloroethane-d4	4.940	65	117176	22.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.120%
32) Benzene-d6	4.953	84	375119	32.106	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.440%
36) 1,2-Dichloropropane-d6	5.985	67	123659	35.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.760%#
41) Toluene-d8	7.243	98	220358	20.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.680%
43) trans-1,3-Dichloroprop...	7.558	79	27682	17.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.560%
47) 2-Hexanone-d5	8.034	63	19538	34.829	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.660%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	74568	25.885	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	34212	19.095	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.360%
Target Compounds						
13) Acetone	2.159	43	15871	8.920	ug/L #	66
16) Methylene chloride	2.442	84	15990	2.431	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	3937	1.590	ug/L #	43
72) 1,2,3-Trichlorobenzene	13.696	180	2047	1.171	ug/L #	32

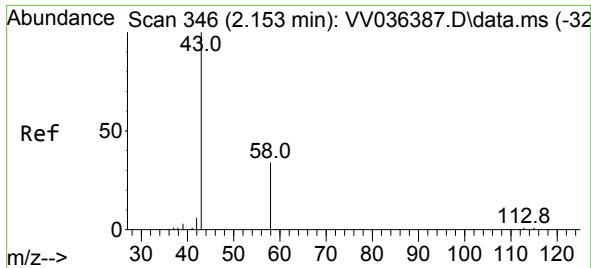
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.920 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.006 min

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Instrument :

MSVOA_V

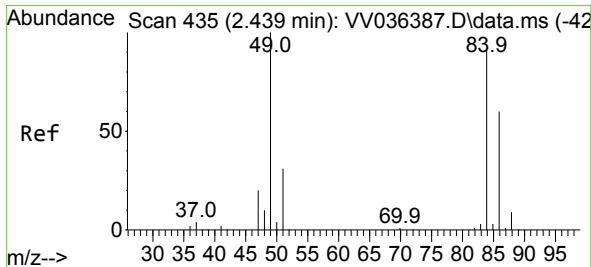
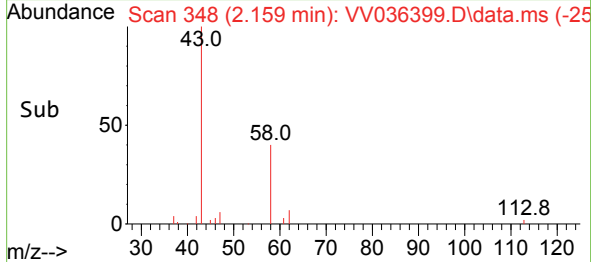
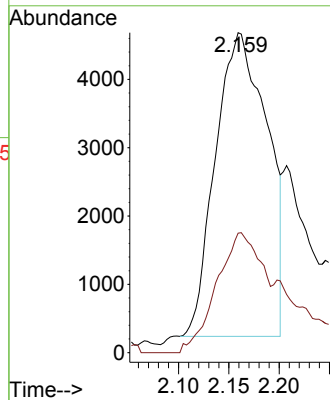
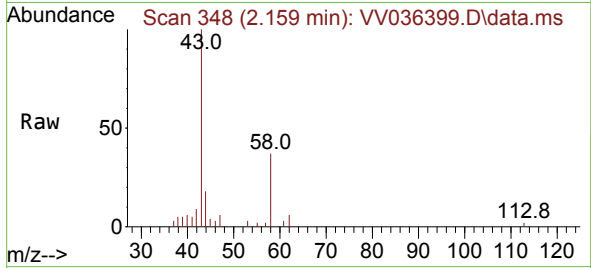
ClientSampleId :

Tgt Ion: 43 Resp: 15871

Ion Ratio Lower Upper

43 100

58 31.6 0.0 0.6#



#16

Methylene chloride

Concen: 2.431 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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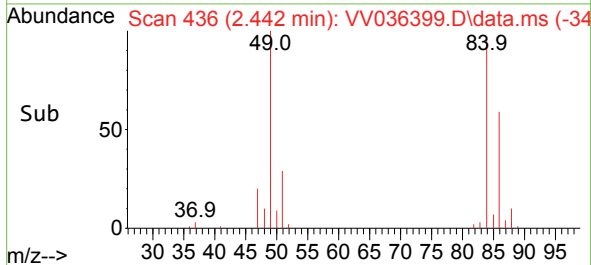
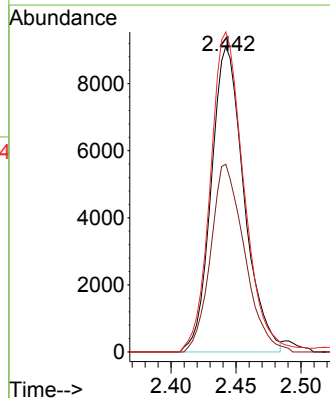
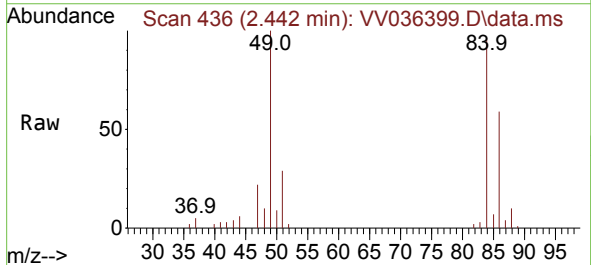
Tgt Ion: 84 Resp: 15990

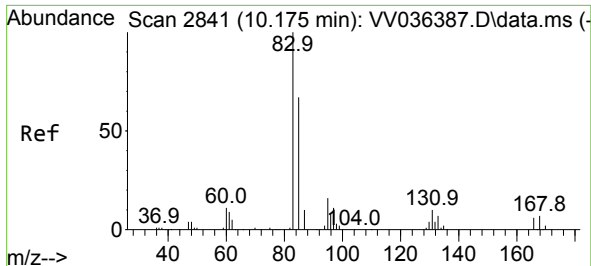
Ion Ratio Lower Upper

84 100

86 61.4 45.6 84.8

49 104.7 75.7 140.5





#57

1,1,2,2-Tetrachloroethane

Concen: 1.590 ug/L

RT: 10.172 min Scan# 21

Delta R.T. -0.003 min

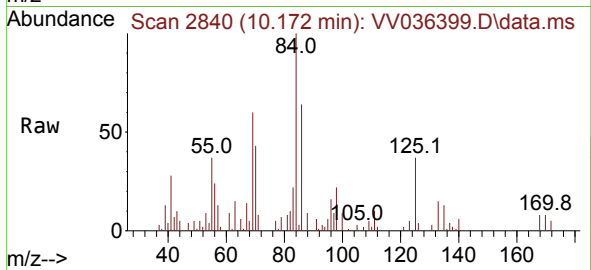
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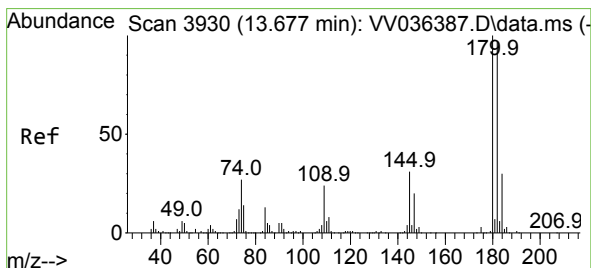
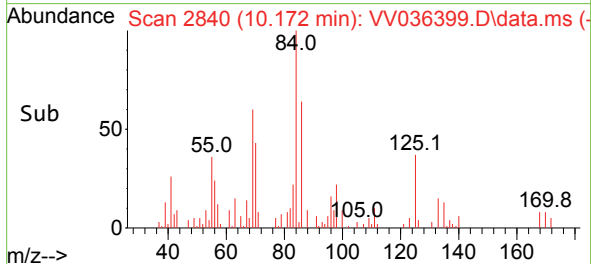
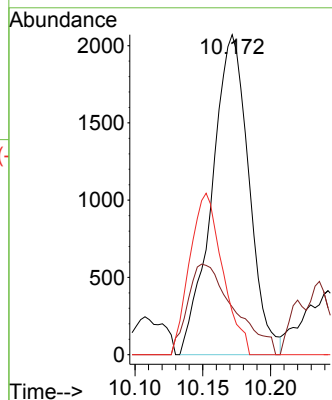
Tgt Ion: 83 Resp: 3937

Ion Ratio Lower Upper

83 100

85 14.9 45.7 84.9#

131 13.5 7.8 11.6#



#72

1,2,3-Trichlorobenzene

Concen: 1.171 ug/L

RT: 13.696 min Scan# 3936

Delta R.T. 0.019 min

Lab File: VV036399.D

Acq: 02 Jul 2024 01:24

Tgt Ion:180 Resp: 2047

Ion Ratio Lower Upper

180 100

182 17.2 76.7 115.1#

145 14.3 25.0 37.4#

