

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081324\
 Data File : VV036923.D
 Acq On : 13 Aug 2024 16:28
 Operator : SY/MD
 Sample : P3589-04
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 14 04:12:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

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

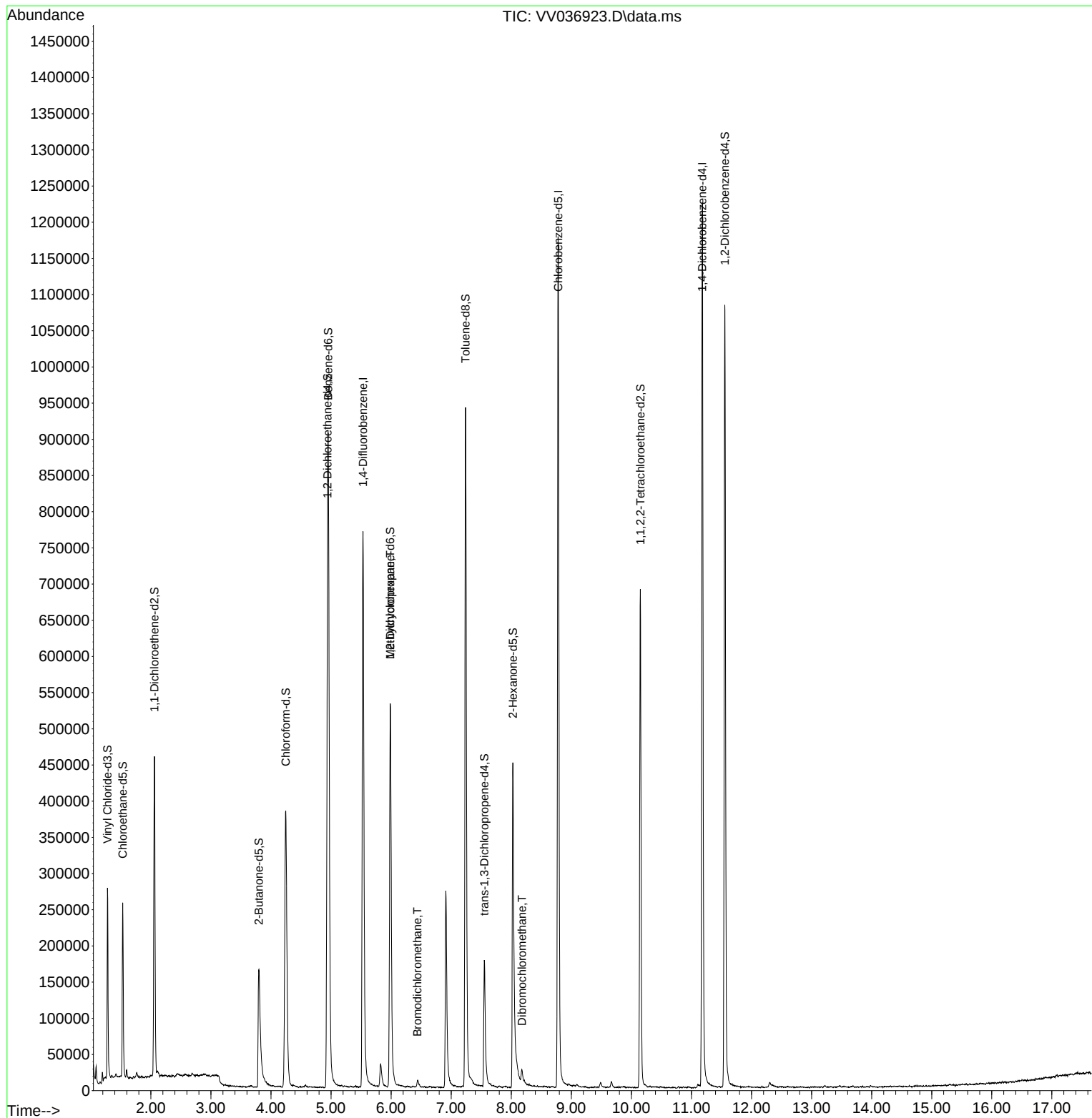
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	670107	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	636659	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	305900	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	164388	30.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.420%
7) Chloroethane-d5	1.532	69	156290	37.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.060%
11) 1,1-Dichloroethene-d2	2.059	65	76274	33.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.640%
21) 2-Butanone-d5	3.799	46	259243	91.418	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.420%
24) Chloroform-d	4.246	84	400474	41.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	4.940	65	260467	42.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.360%
32) Benzene-d6	4.953	84	755596	39.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.580%
36) 1,2-Dichloropropane-d6	5.985	67	263951	42.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.100%
41) Toluene-d8	7.239	98	625476	35.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.920%#
43) trans-1,3-Dichloroprop...	7.551	79	110301	34.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.320%
47) 2-Hexanone-d5	8.027	63	151570	84.973	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.970%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	339107	47.607	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.220%
66) 1,2-Dichlorobenzene-d4	11.558	152	271579	43.568	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.140%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.985	83	60531	7.148	ug/L #	19
38) Bromodichloromethane	6.436	83	6841	0.985	ug/L #	95
49) Dibromochloromethane	8.178	129	9544	1.901	ug/L	95

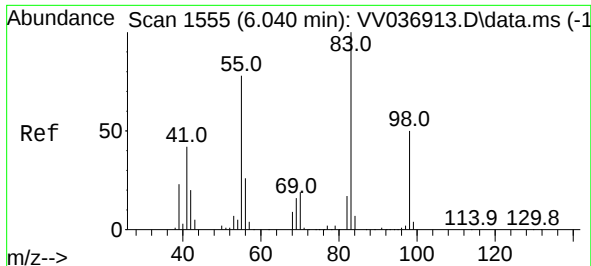
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 7.148 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV036923.D

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Instrument :

MSVOA_V

ClientSampleId :

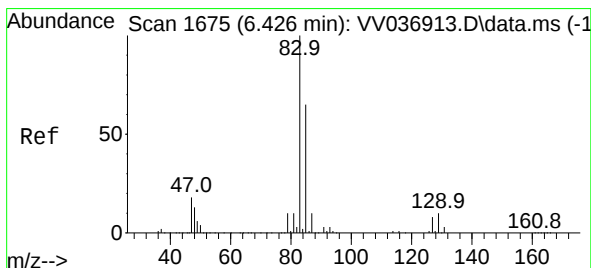
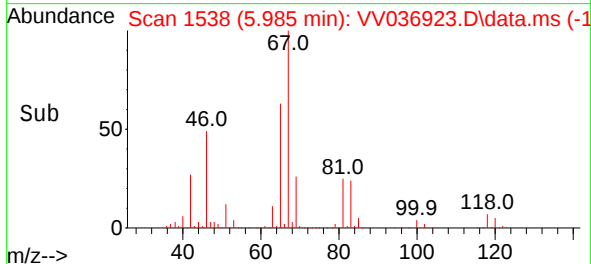
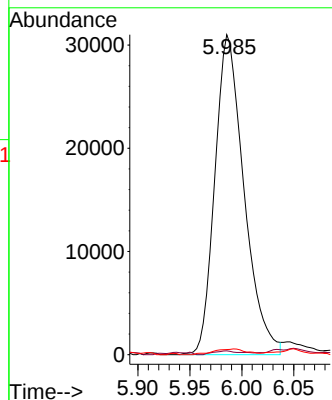
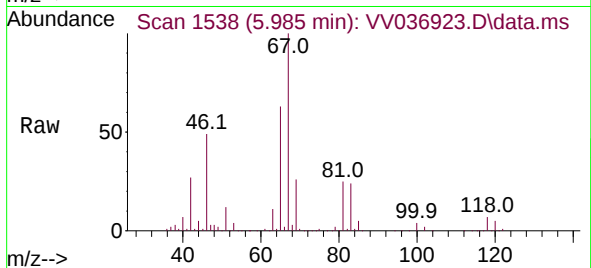
Tgt Ion: 83 Resp: 60531

Ion Ratio Lower Upper

83 100

55 0.8 62.3 93.5#

98 1.4 38.7 58.1#



#38

Bromodichloromethane

Concen: 0.985 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.010 min

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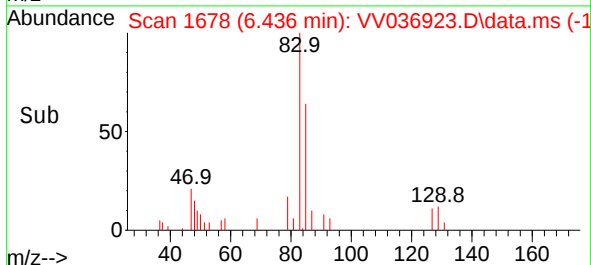
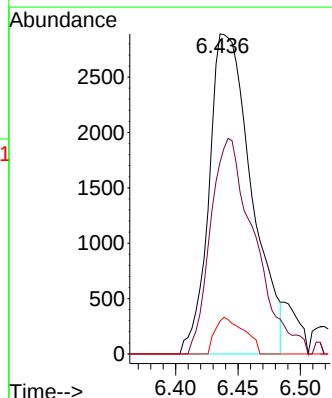
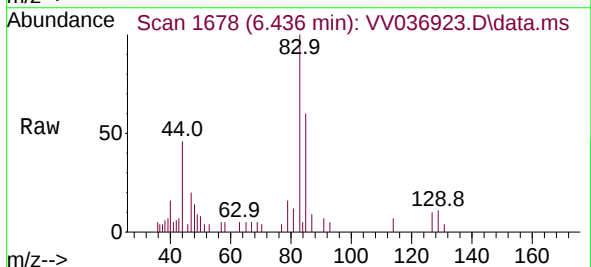
Tgt Ion: 83 Resp: 6841

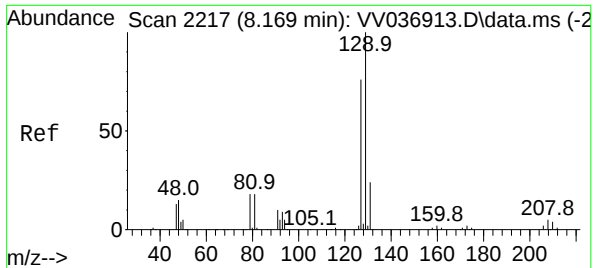
Ion Ratio Lower Upper

83 100

85 59.9 44.7 83.1

127 10.2 6.2 9.4#





#49
 Dibromochloromethane
 Concen: 1.901 ug/L
 RT: 8.178 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV036923.D
 Acq: 13 Aug 2024 16:28

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:129 Resp: 9544
 Ion Ratio Lower Upper
 129 100
 127 83.2 55.4 102.8

