

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV034999.D
 Acq On : 05 Apr 2024 12:33
 Operator : SY/MD
 Sample : P1965-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 01:02:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 00:54:20 2024
 Response via : Initial Calibration

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

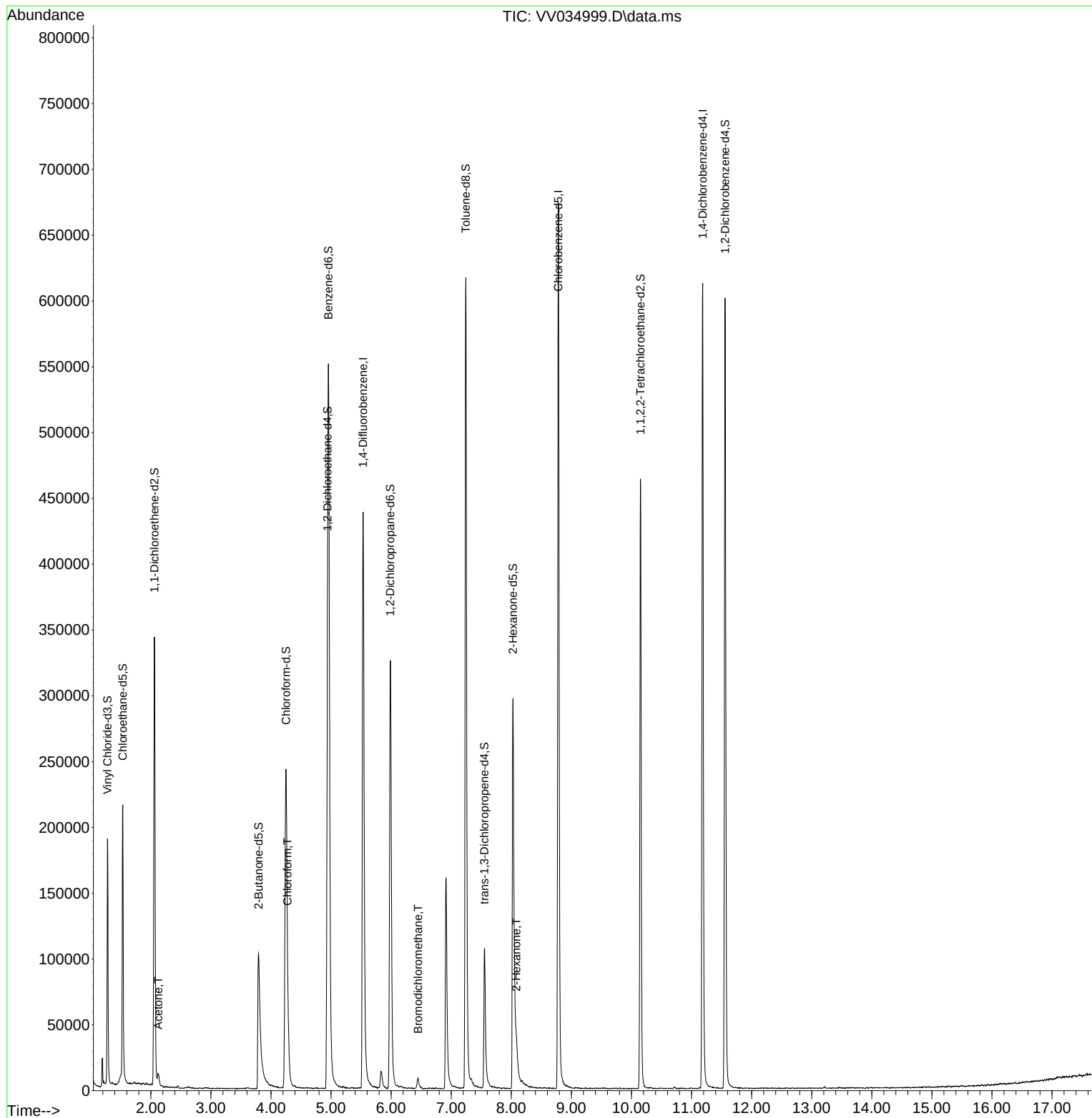
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	381023	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	368374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	157012	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	119766	32.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.100%
7) Chloroethane-d5	1.532	69	129323	40.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.920%
11) 1,1-Dichloroethene-d2	2.060	65	58944	36.543	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.080%
21) 2-Butanone-d5	3.793	46	185760	85.118	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.120%
24) Chloroform-d	4.249	84	254272	41.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	4.941	65	162623	41.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.800%
32) Benzene-d6	4.957	84	493577	39.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.780%
36) 1,2-Dichloropropane-d6	5.986	67	168017	42.760	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.520%
41) Toluene-d8	7.243	98	421716	37.843	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.680%#
43) trans-1,3-Dichloroprop...	7.551	79	67285	35.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.440%
47) 2-Hexanone-d5	8.027	63	99474	66.959	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.960%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	224295	41.452	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.900%
66) 1,2-Dichlorobenzene-d4	11.558	152	155345	44.066	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.140%
Target Compounds						
					Qvalue	
13) Acetone	2.124	43	9165	4.574	ug/L	95
25) Chloroform	4.275	83	35764	6.380	ug/L	98
38) Bromodichloromethane	6.445	83	6066	1.416	ug/L #	96
48) 2-Hexanone	8.085	43	20151	5.590	ug/L #	77

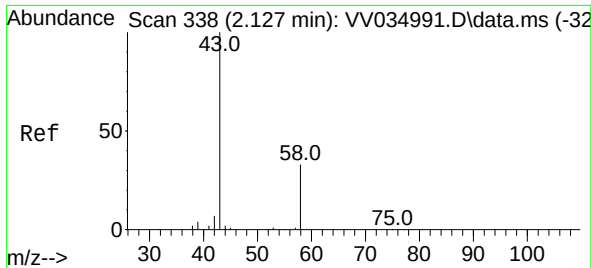
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.574 ug/L

RT: 2.124 min Scan# 338

Delta R.T. -0.003 min

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Instrument :

MSVOA_V

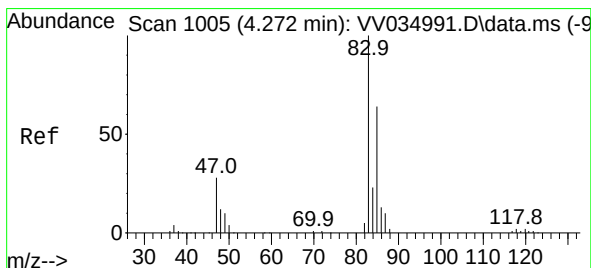
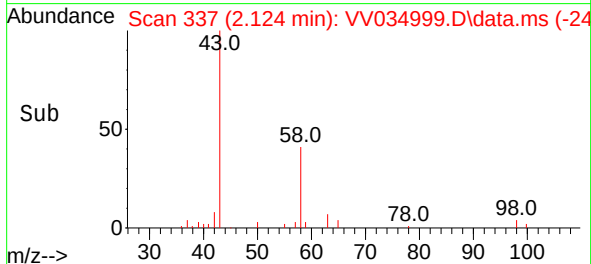
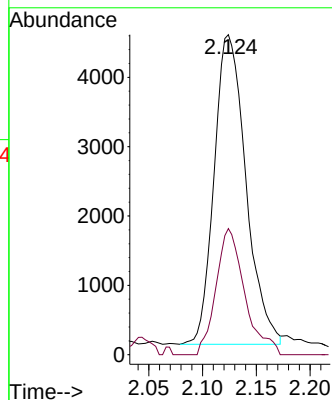
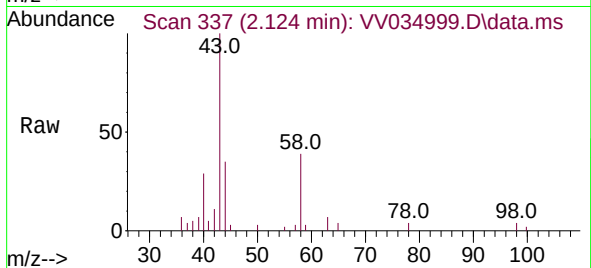
ClientSampleId :

Tgt Ion: 43 Resp: 9165

Ion Ratio Lower Upper

43 100

58 35.7 0.0 66.0



#25

Chloroform

Concen: 6.380 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

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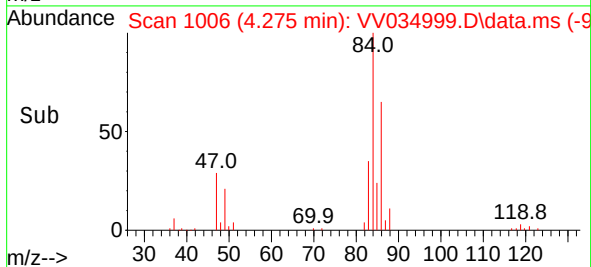
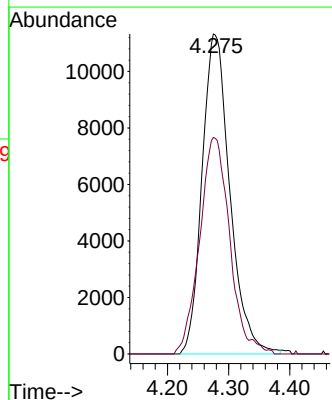
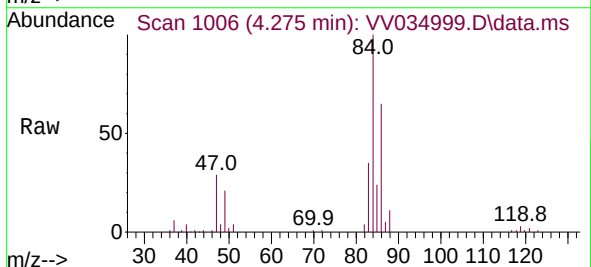
Acq: 05 Apr 2024 12:33

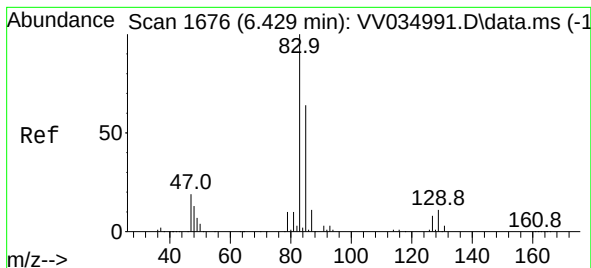
Tgt Ion: 83 Resp: 35764

Ion Ratio Lower Upper

83 100

85 67.7 46.0 85.4





#38

Bromodichloromethane

Concen: 1.416 ug/L

RT: 6.445 min Scan# 1

Delta R.T. 0.016 min

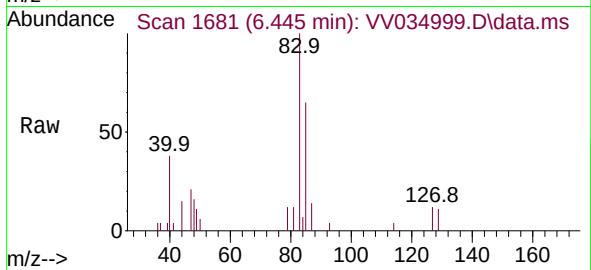
Lab File: VV034999.D

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Instrument :

MSVOA_V

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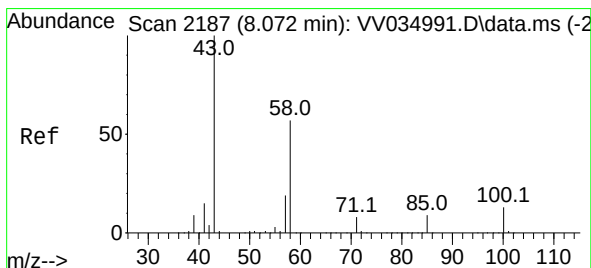
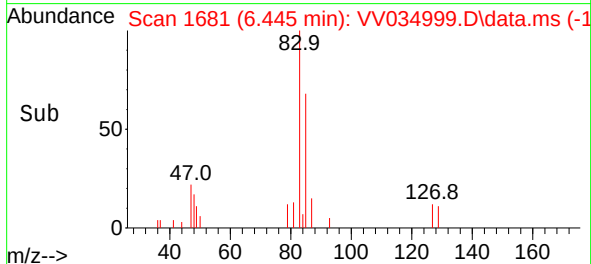
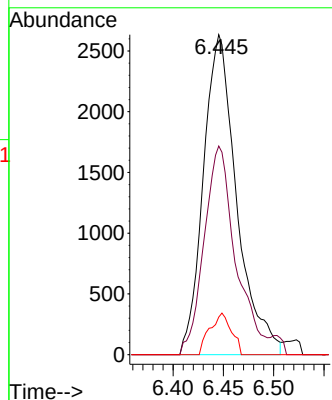
Tgt Ion: 83 Resp: 6066

Ion Ratio Lower Upper

83 100

85 65.2 43.7 81.1

127 11.8 6.4 9.6#



#48

2-Hexanone

Concen: 5.590 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.013 min

Lab File: VV034999.D

Acq: 05 Apr 2024 12:33

Tgt Ion: 43 Resp: 20151

Ion Ratio Lower Upper

43 100

58 31.8 45.4 68.2#

57 22.3 16.2 24.4

100 11.9 10.1 15.1

