

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040824\
 Data File : VV035054.D
 Acq On : 08 Apr 2024 15:04
 Operator : SY/MD
 Sample : P2009-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 09 02:14:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

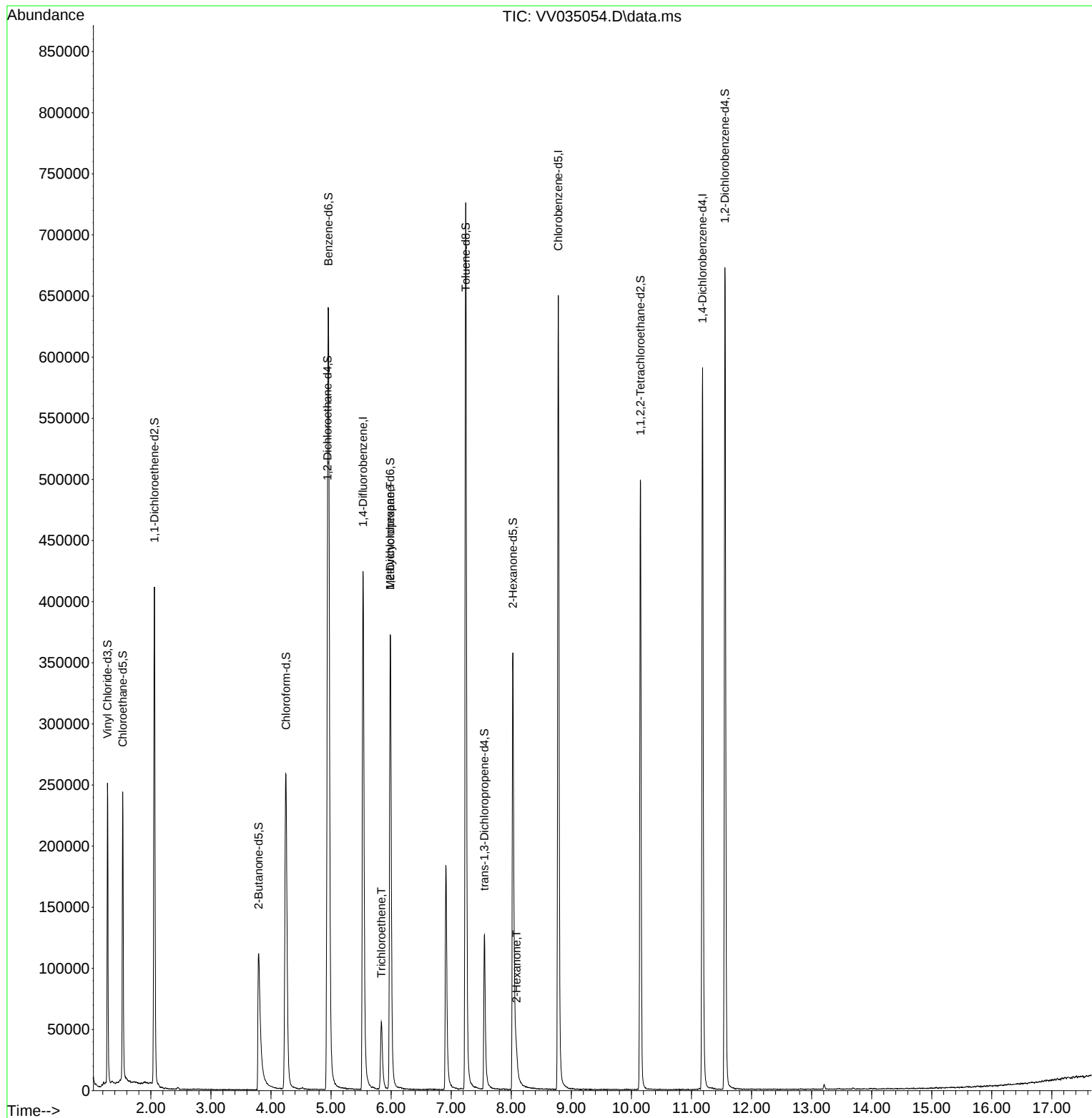
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	372106	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	353536	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	152082	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159212	44.304	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.600%	
7) Chloroethane-d5	1.532	69	147073	47.119	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.240%	
11) 1,1-Dichloroethene-d2	2.060	65	70330	44.646	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.300%	
21) 2-Butanone-d5	3.793	46	210035	98.548	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.550%	
24) Chloroform-d	4.249	84	279962	46.336	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.680%	
26) 1,2-Dichloroethane-d4	4.941	65	183380	47.804	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.600%	
32) Benzene-d6	4.957	84	574976	48.417	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.840%	
36) 1,2-Dichloropropane-d6	5.986	67	191270	50.721	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.440%	
41) Toluene-d8	7.243	98	494778	46.263	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.520%	
43) trans-1,3-Dichloroprop...	7.555	79	78837	43.003	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.000%	
47) 2-Hexanone-d5	8.027	63	124045	87.002	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.000%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	244570	47.096	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	11.558	152	169060	49.511	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.020%	
Target Compounds						
					Qvalue	
34) Trichloroethene	5.838	95	19798	6.363	ug/L	97
35) Methylcyclohexane	5.986	83	43079	9.168	ug/L #	20
48) 2-Hexanone	8.088	43	15250	4.408	ug/L #	39

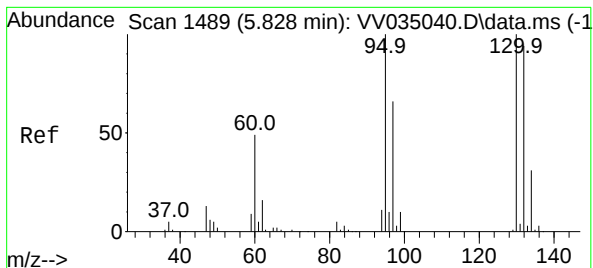
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 6.363 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.006 min

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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 19798

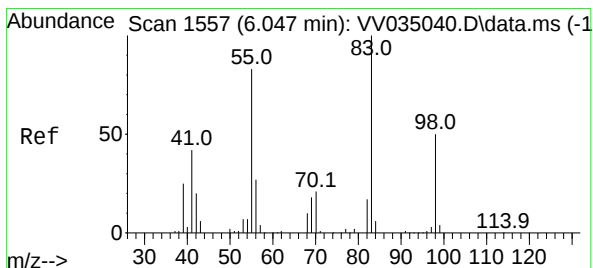
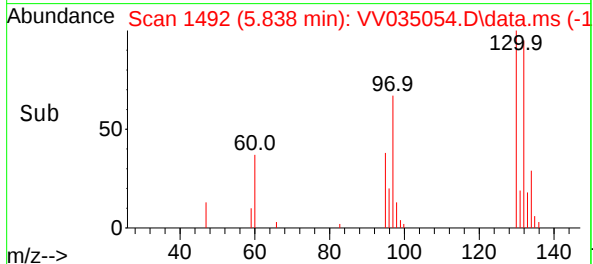
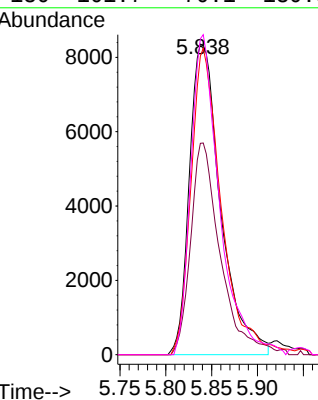
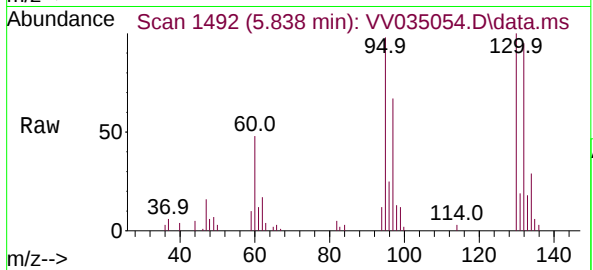
Ion Ratio Lower Upper

95 100

97 68.1 45.3 84.1

132 96.2 65.3 121.3

130 101.7 70.1 130.3



#35

Methylcyclohexane

Concen: 9.168 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.061 min

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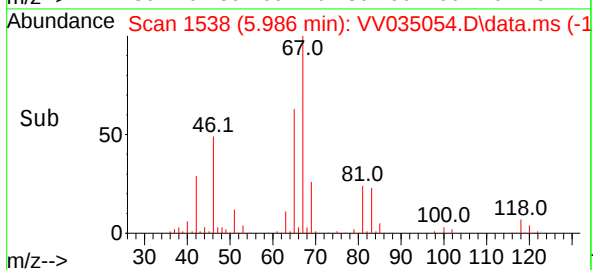
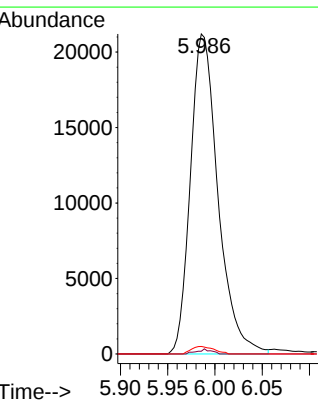
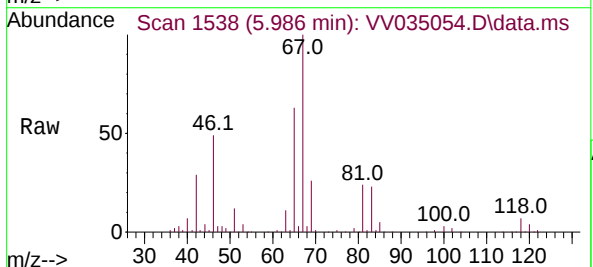
Tgt Ion: 83 Resp: 43079

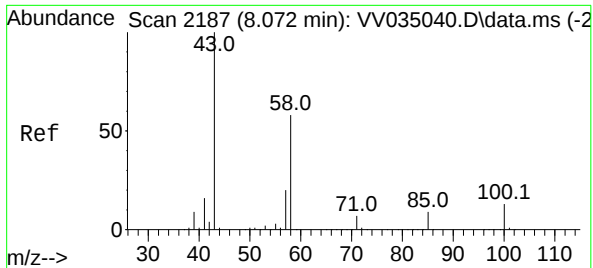
Ion Ratio Lower Upper

83 100

55 0.6 60.0 90.0#

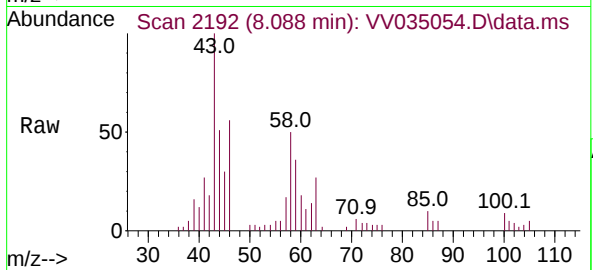
98 1.9 37.6 56.4#





#48
 2-Hexanone
 Concen: 4.408 ug/L
 RT: 8.088 min Scan# 2187
 Delta R.T. 0.016 min
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Tgt Ion: 43	Resp: 15250
Ion Ratio	Lower Upper
43	100
58	0.0 45.4 68.2#
57	0.0 16.2 24.4#
100	6.1 10.1 15.1#

