

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081224\
 Data File : VV036901.D
 Acq On : 12 Aug 2024 13:29
 Operator : SY/MD
 Sample : P3533-11
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 03:23:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 13 02:57:00 2024
 Response via : Initial Calibration

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

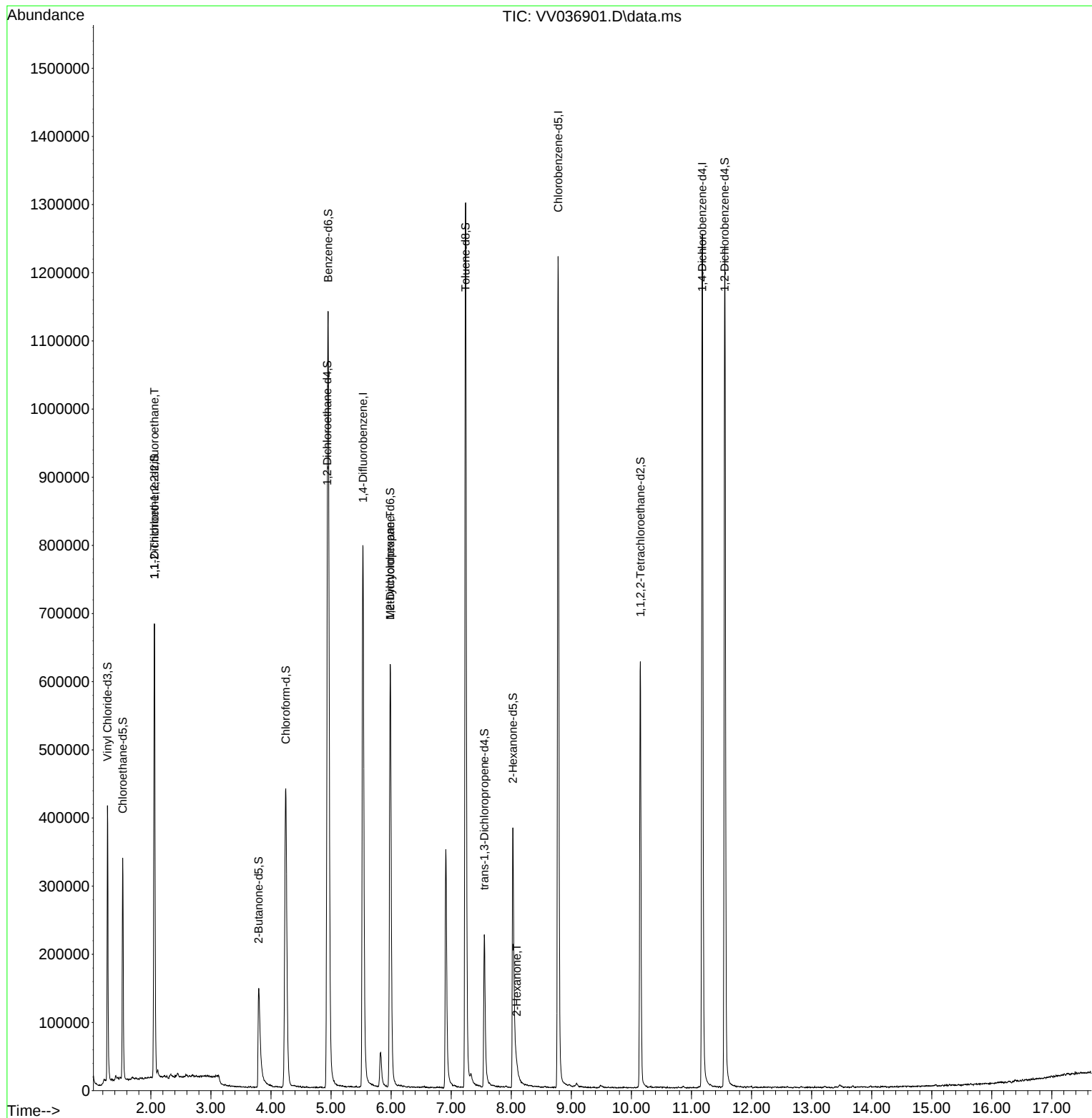
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	697577	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	664416	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	313193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	266910	47.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.820%
7) Chloroethane-d5	1.532	69	213035	48.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.980%
11) 1,1-Dichloroethene-d2	2.060	65	114098	47.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.740%
21) 2-Butanone-d5	3.796	46	234664	79.492	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.490%
24) Chloroform-d	4.246	84	459245	45.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.860%
26) 1,2-Dichloroethane-d4	4.937	65	300660	46.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.540%
32) Benzene-d6	4.953	84	970996	48.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.780%
36) 1,2-Dichloropropane-d6	5.985	67	311168	48.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	7.239	98	864940	46.986	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.980%
43) trans-1,3-Dichloroprop...	7.551	79	139147	41.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.600%
47) 2-Hexanone-d5	8.027	63	128127	68.830	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.830%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	306902	41.285	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.580%
66) 1,2-Dichlorobenzene-d4	11.554	152	308887	48.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3486	0.756	ug/L #	26
35) Methylcyclohexane	5.985	83	71008	8.035	ug/L #	19
48) 2-Hexanone	8.091	43	19311	4.025	ug/L #	41

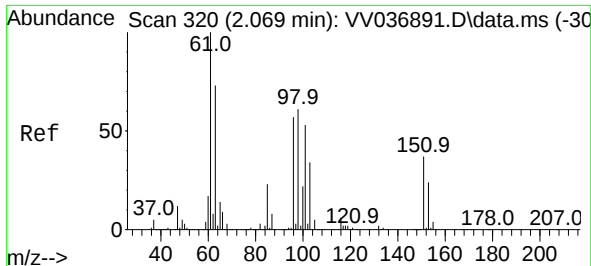
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.756 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.010 min

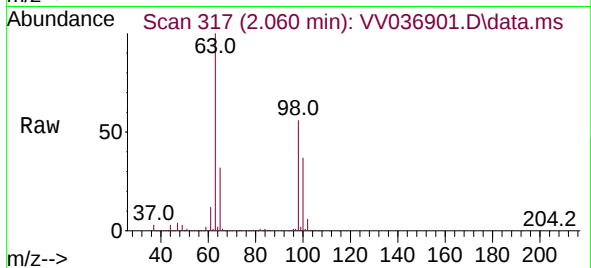
Lab File: VV036901.D

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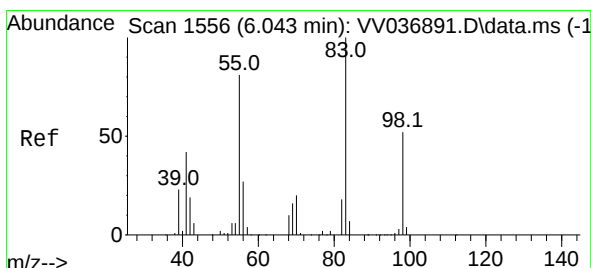
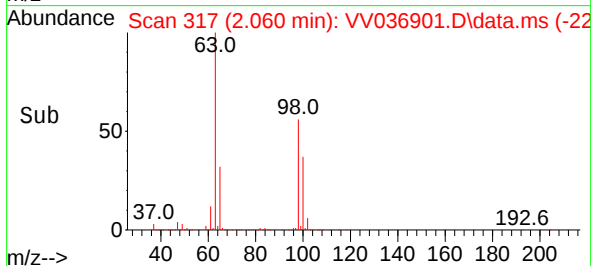
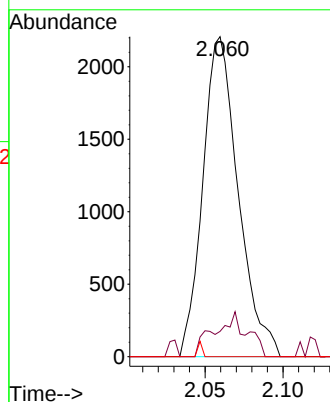
Tgt Ion:101 Resp: 3486

Ion Ratio Lower Upper

101 100

85 6.7 34.6 51.8#

151 0.0 55.9 83.9#



#35

Methylcyclohexane

Concen: 8.035 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

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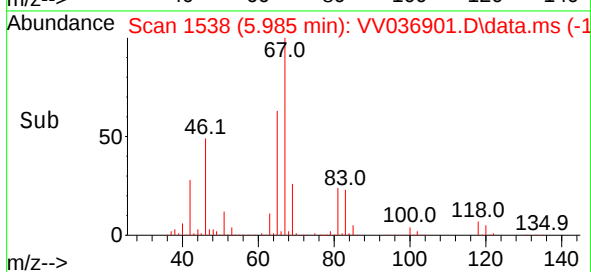
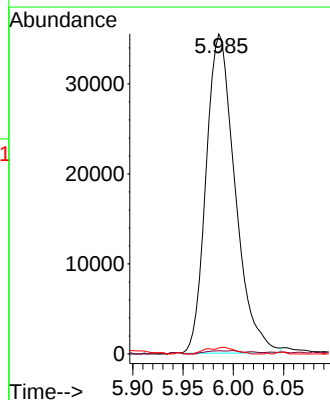
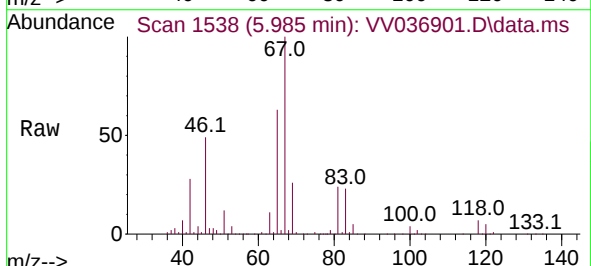
Tgt Ion: 83 Resp: 71008

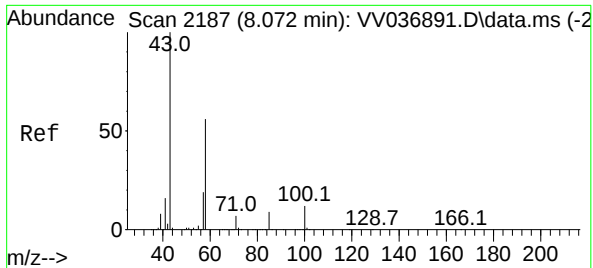
Ion Ratio Lower Upper

83 100

55 0.7 62.3 93.5#

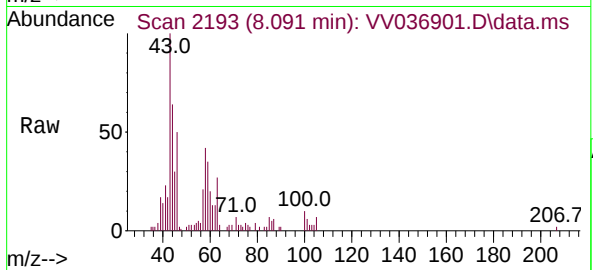
98 1.4 38.7 58.1#





#48
 2-Hexanone
 Concen: 4.025 ug/L
 RT: 8.091 min Scan# 21
 Delta R.T. 0.019 min
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Tgt Ion: 43	Resp:	19311
Ion	Ratio	Lower Upper
43	100	
58	0.0	44.7 67.1#
57	6.6	15.0 22.4#
100	1.9	10.2 15.4#

