

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122320\
 Data File : Vw017708.D
 Acq On : 23 Dec 2020 13:33
 Operator : SY/VA
 Sample : L5188-01
 Misc : 6.55G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-122220

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82w121420S.M

Title : Sw846 8260

Signal : TIC: Vw017708.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	35	41	45	rBV	14035	26289	1.66%	0.275%
2	3.580	260	275	312	rBV	209096	1035260	65.31%	10.817%
3	4.922	484	495	512	rVB2	14190	51557	3.25%	0.539%
4	7.141	848	859	873	rBV	16195	52141	3.29%	0.545%
5	7.885	971	981	986	rBV	167882	400626	25.27%	4.186%
6	7.945	986	991	1002	rVB	286937	642836	40.56%	6.716%
7	8.305	1041	1050	1061	rBV	167328	370909	23.40%	3.875%
8	8.842	1129	1138	1149	rBV	428360	857283	54.08%	8.957%
9	9.329	1214	1218	1225	rVB5	10411	21879	1.38%	0.229%
10	9.610	1251	1264	1273	rVB4	10608	30048	1.90%	0.314%
11	9.750	1279	1287	1295	rVB3	22677	48485	3.06%	0.507%
12	9.896	1301	1311	1316	rBV2	13313	27277	1.72%	0.285%
13	9.957	1316	1321	1332	rVB4	18867	50529	3.19%	0.528%
14	10.085	1332	1342	1355	rBV4	50431	137720	8.69%	1.439%
15	10.213	1355	1363	1373	rBV	178792	362983	22.90%	3.792%
16	10.323	1373	1381	1397	rVB	823473	1585085	100.00%	16.561%
17	10.494	1402	1409	1419	rVB3	92917	214678	13.54%	2.243%
18	10.622	1419	1430	1432	rBV4	18242	50079	3.16%	0.523%
19	10.665	1432	1437	1446	rVB	154417	281275	17.75%	2.939%
20	10.762	1446	1453	1458	rBV	78702	154457	9.74%	1.614%
21	10.805	1458	1460	1464	rVV3	11726	16366	1.03%	0.171%
22	11.030	1492	1497	1506	rVB7	7631	19004	1.20%	0.199%
23	11.110	1506	1510	1512	rBV3	11782	16976	1.07%	0.177%
24	11.152	1512	1517	1518	rVV2	37704	64708	4.08%	0.676%
25	11.177	1518	1521	1525	rVV2	68636	112158	7.08%	1.172%
26	11.231	1525	1530	1535	rVV2	94635	168354	10.62%	1.759%
27	11.286	1535	1539	1543	rVV2	15792	25168	1.59%	0.263%
28	11.335	1543	1547	1551	rVB6	12444	19086	1.20%	0.199%
29	11.433	1557	1563	1572	rVB4	23756	47274	2.98%	0.494%
30	11.634	1588	1596	1604	rBV	509712	886175	55.91%	9.259%
31	11.725	1604	1611	1615	rVV2	27223	55596	3.51%	0.581%
32	11.762	1615	1617	1622	rVV3	12387	19464	1.23%	0.203%
33	11.835	1622	1629	1633	rVV	36488	78138	4.93%	0.816%
34	11.884	1633	1637	1647	rVB5	26173	68078	4.29%	0.711%
35	12.042	1657	1663	1671	rVB3	14227	28100	1.77%	0.294%
36	12.170	1671	1684	1693	rBV3	30897	108508	6.85%	1.134%
37	12.341	1701	1712	1719	rBV6	16880	49247	3.11%	0.515%

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Instrument :
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 ClientSampleId :
 NB-08-122220

Integration Parameters: RTEINT.P
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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 Title : Sw846 8260

38	12.621	1751	1758	1764	rBV	345127	570003	35.96%	5.955%
39	12.780	1776	1784	1790	rVB4	25886	55012	3.47%	0.575%
40	12.865	1790	1798	1804	rBV4	6897	21099	1.33%	0.220%
41	12.945	1805	1811	1822	rVB9	15386	41076	2.59%	0.429%
42	13.560	1905	1912	1921	rBV	340759	563686	35.56%	5.889%
43	13.877	1959	1964	1969	rVB5	14384	23287	1.47%	0.243%
44	14.792	2109	2114	2119	rBV3	10508	21714	1.37%	0.227%
45	15.365	2197	2208	2214	rBV	34646	71652	4.52%	0.749%
46	16.645	2410	2418	2426	rVB8	7050	19755	1.25%	0.206%

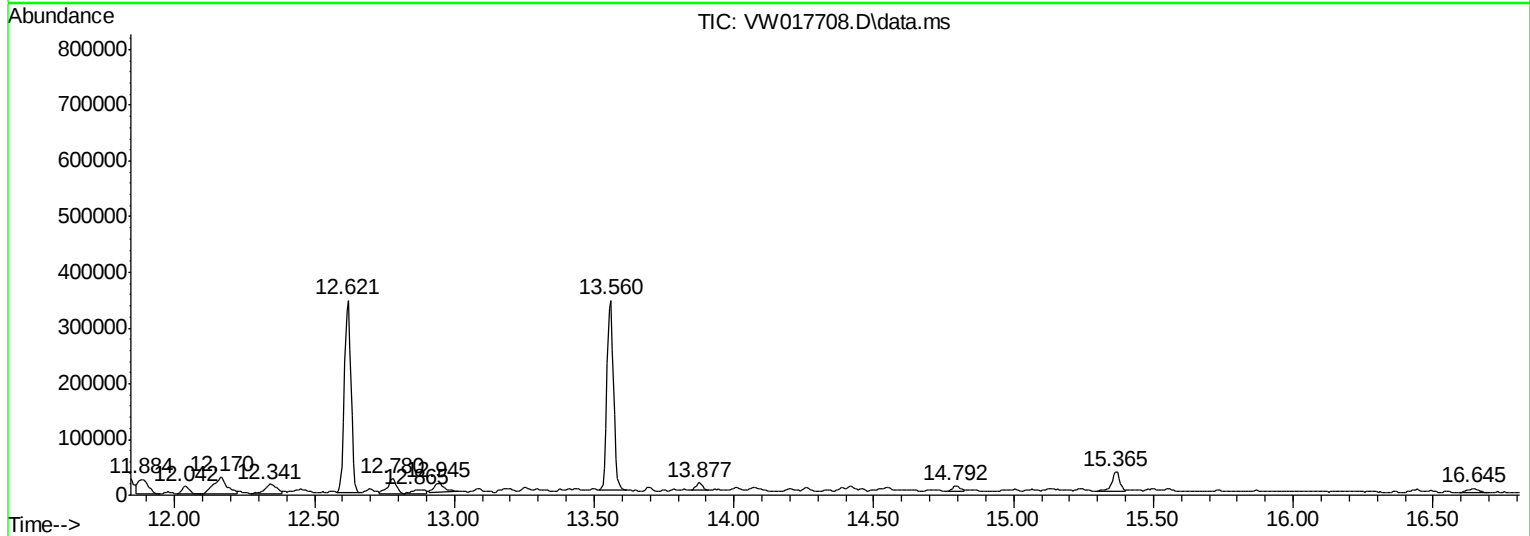
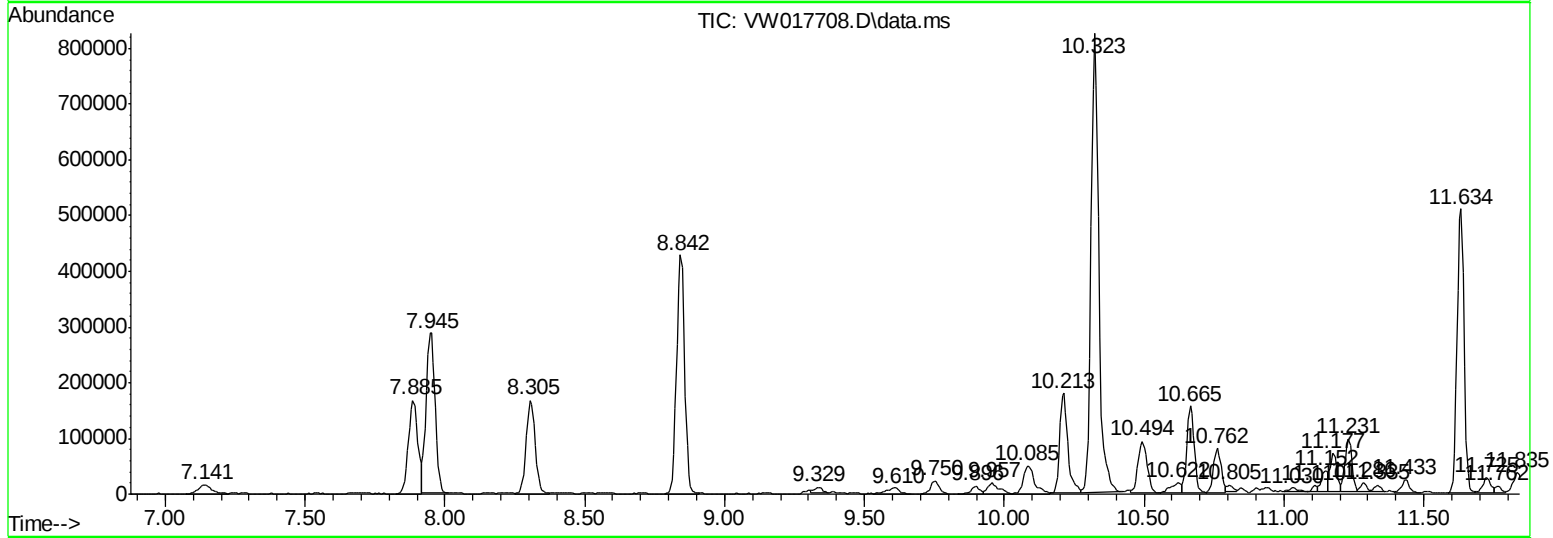
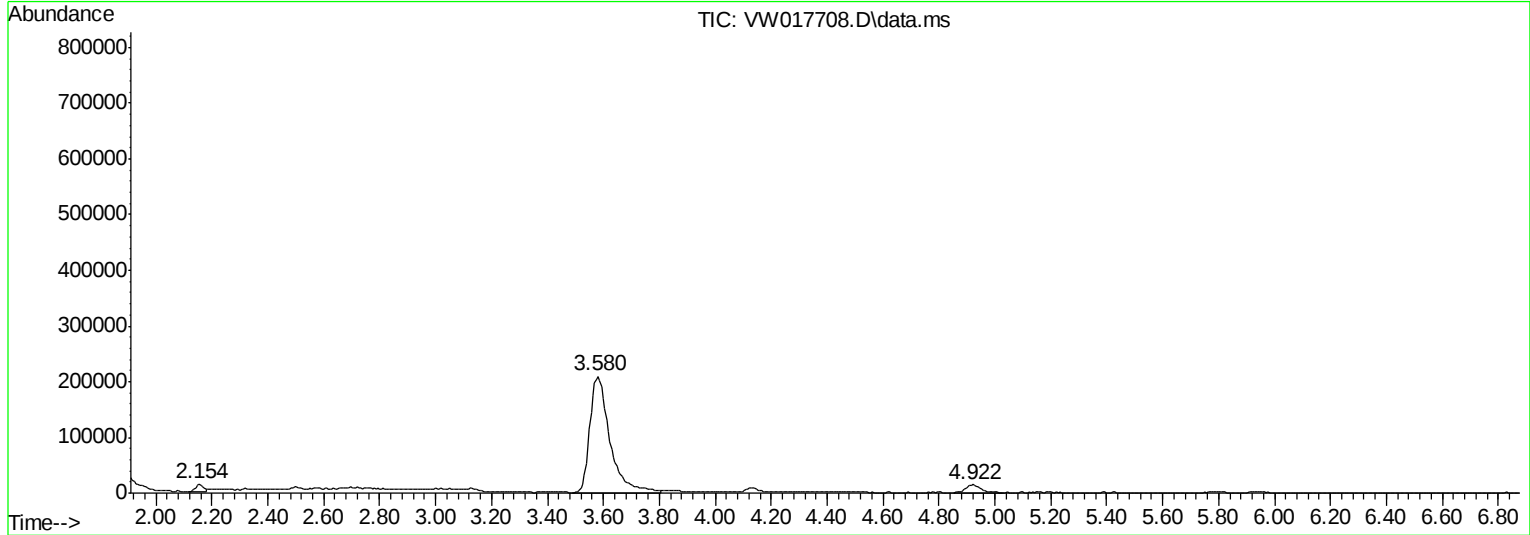
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82w121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampleId :
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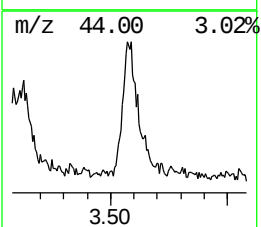
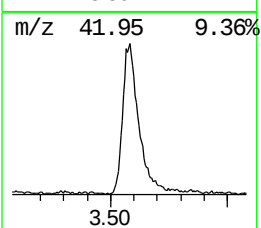
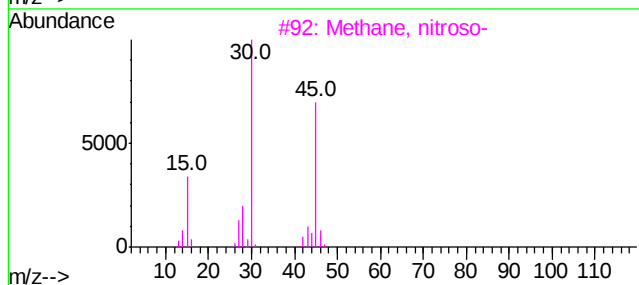
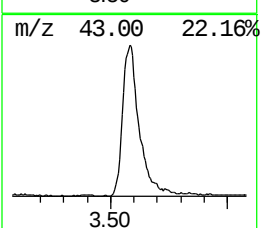
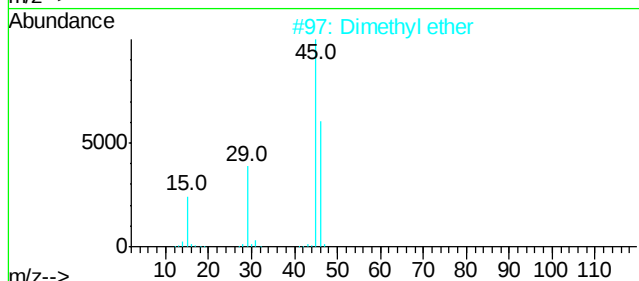
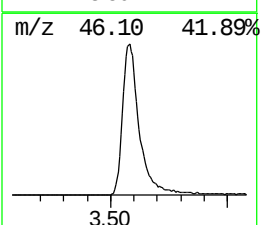
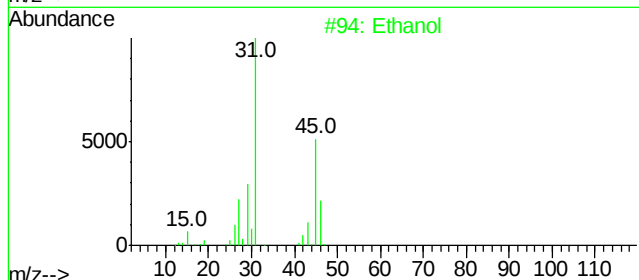
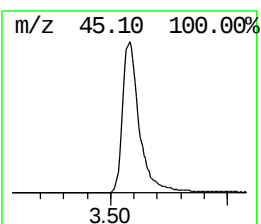
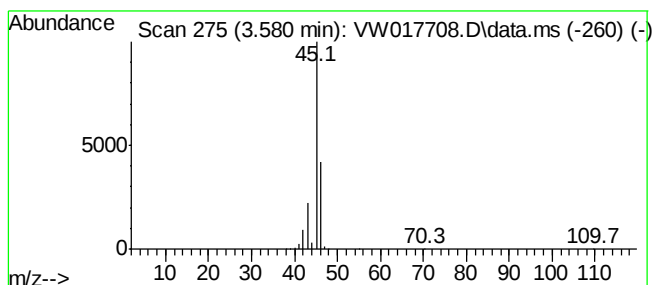
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.580	80.52 ug/l	1035260	Pentafluorobenzene	7.952

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4



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Misc : 6.55G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

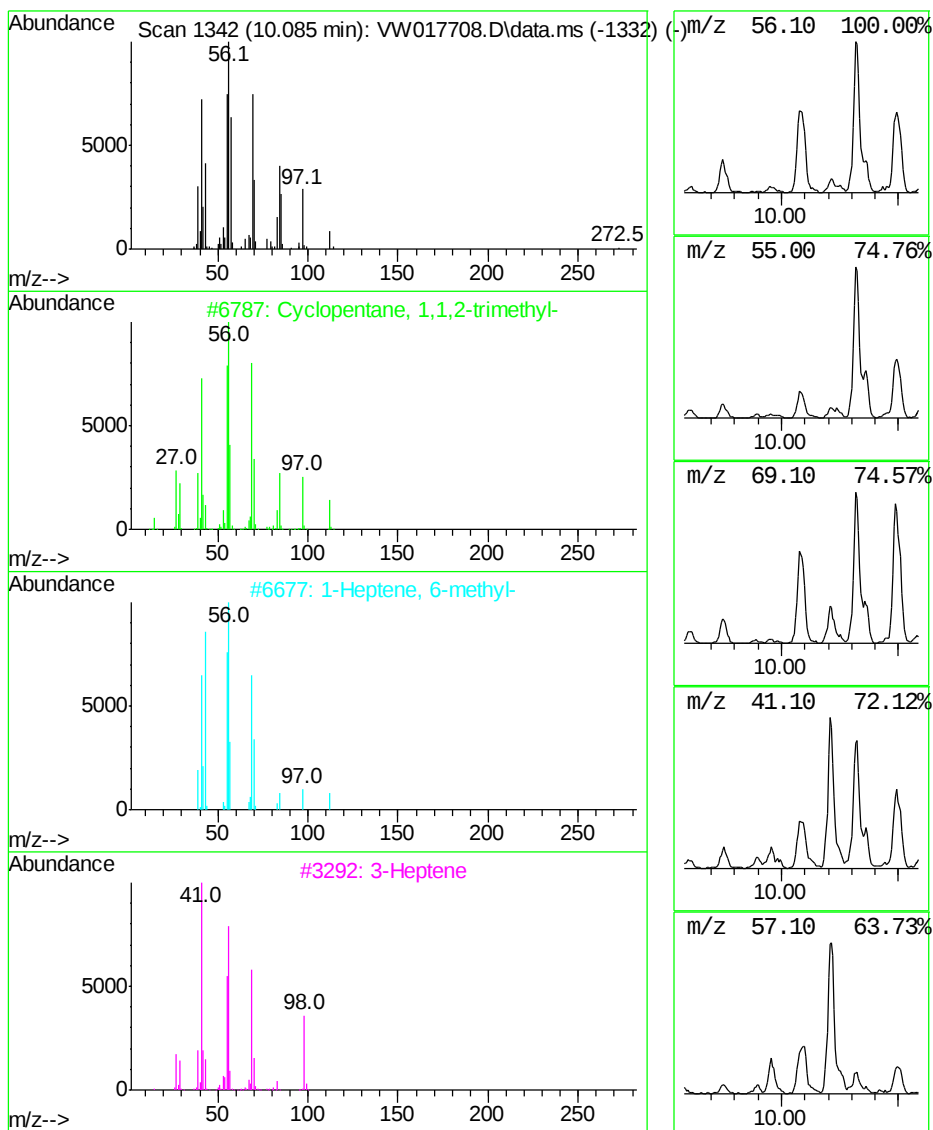
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentane, 1,1,2-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.085	8.03 ug/l	137720	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	74
2	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	68
3	3-Heptene	98	C7H14	000592-78-9	58
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	55
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	49



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Misc : 6.55G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-08-122220

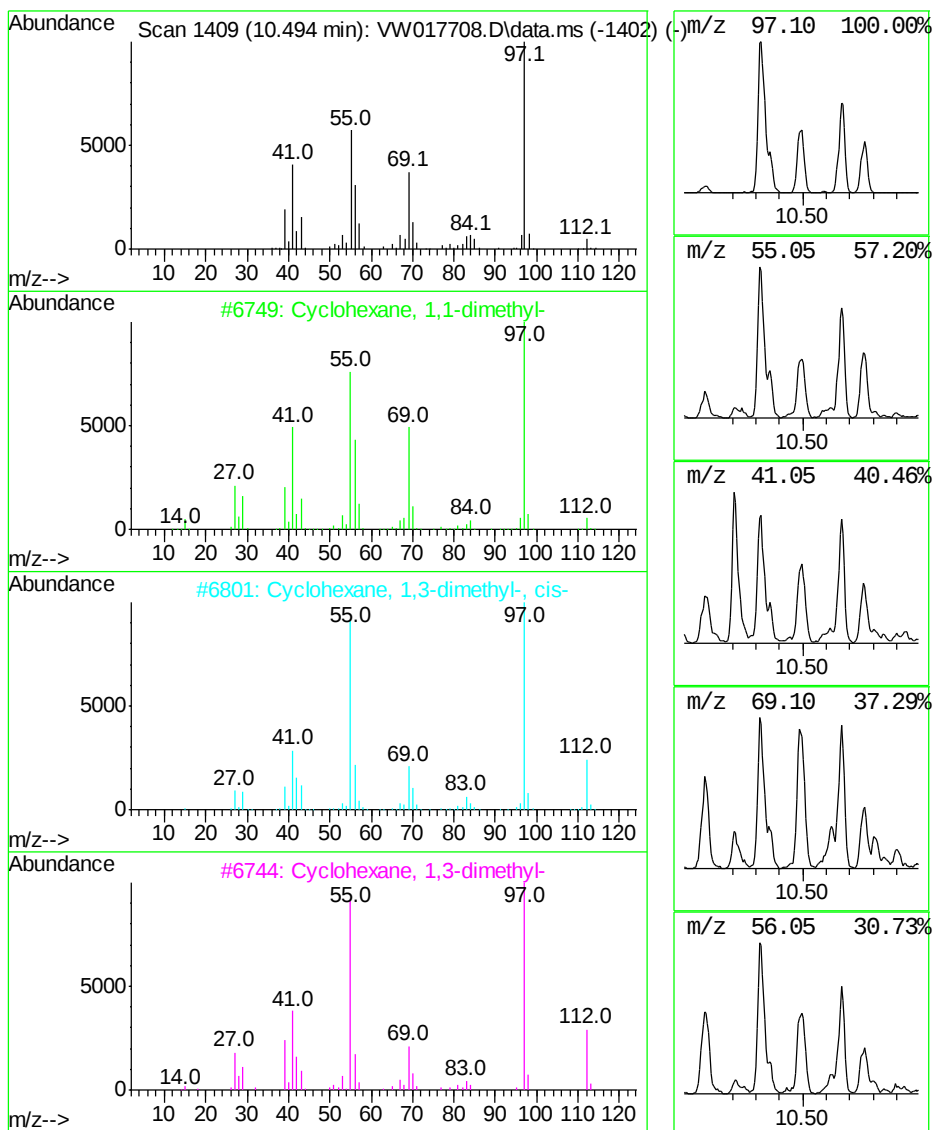
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1,1-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.494	12.11 ug/l	214678	Chlorobenzene-d5	11.634

Hit# of	5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	95	
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64	
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	59	
4	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	59	
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	50	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122320\
Data File : VW017708.D
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Sample : L5188-01
Misc : 6.55G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

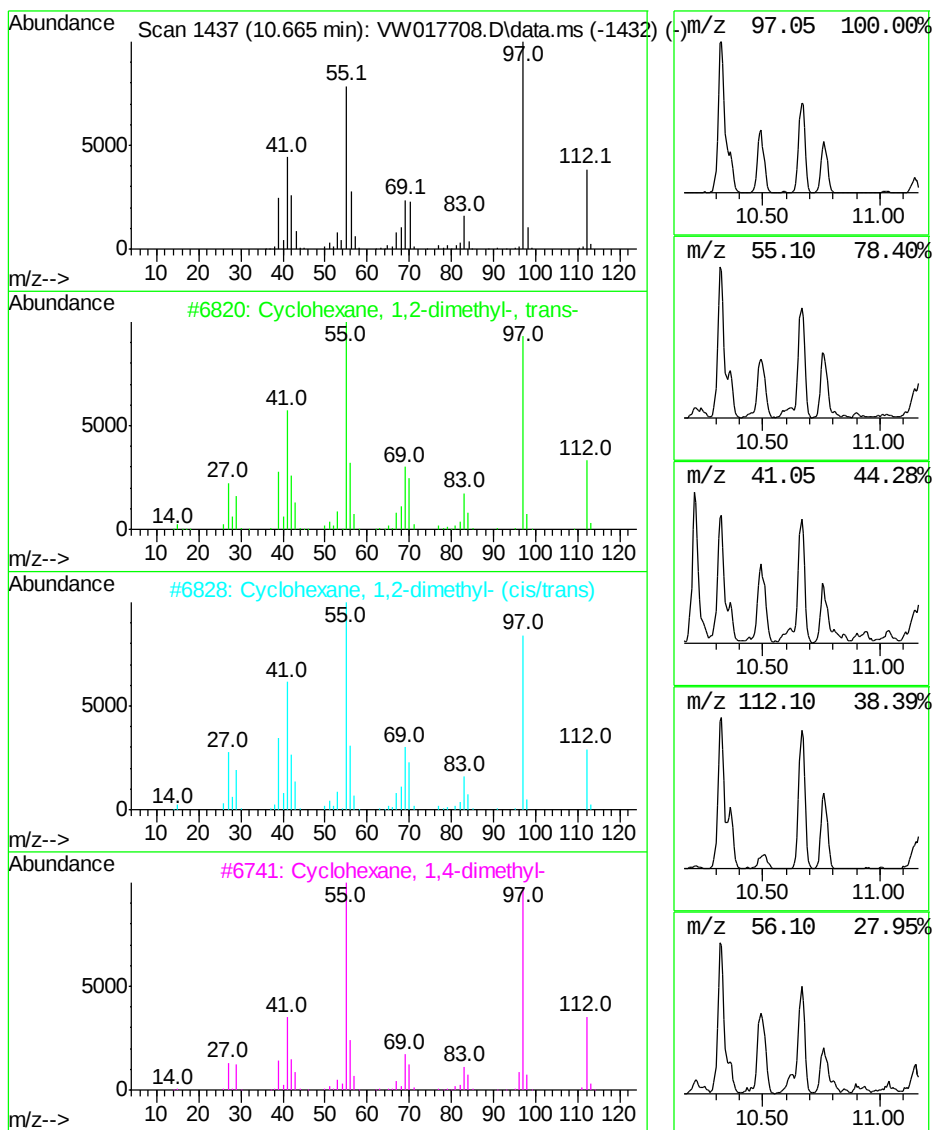
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	15.87 ug/l	281275	Chlorobenzene-d5	11.634

Hit# of	5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94	
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	006583-57-3	80	
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	006589-90-2	80	
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	006624-29-3	72	
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	006638-04-0	72	



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Misc : 6.55G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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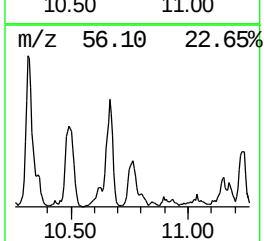
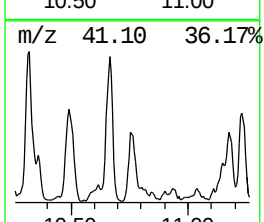
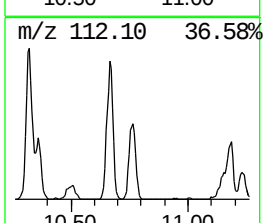
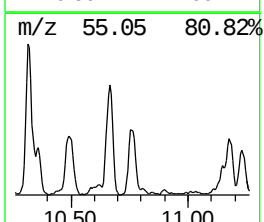
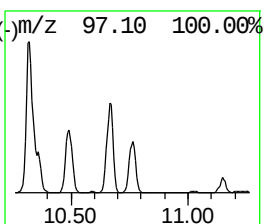
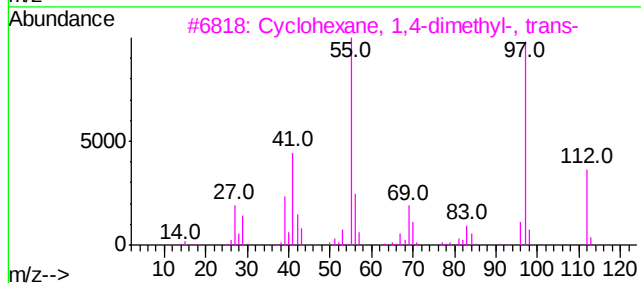
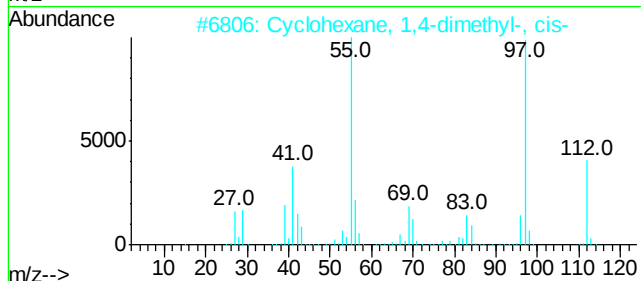
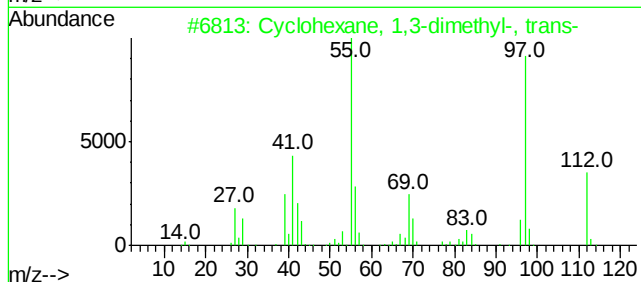
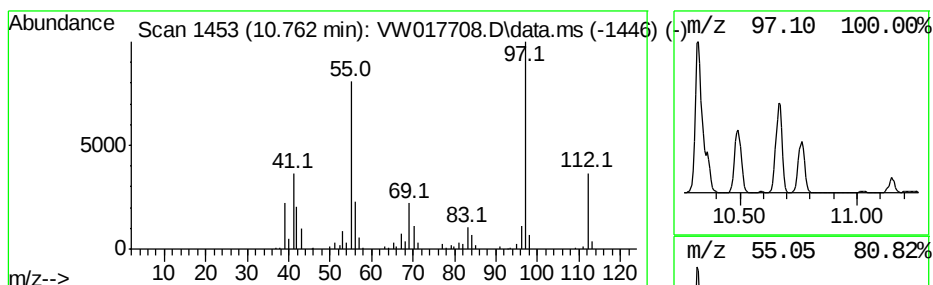
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	8.71 ug/l	154457	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	95
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	93



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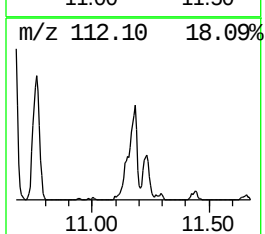
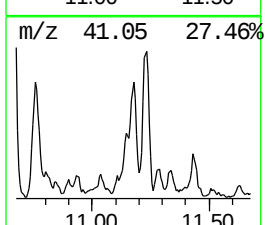
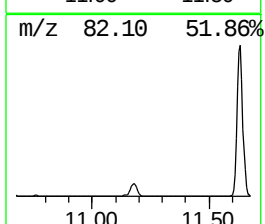
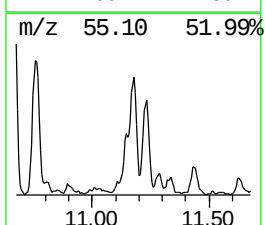
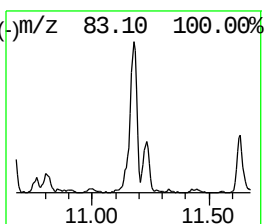
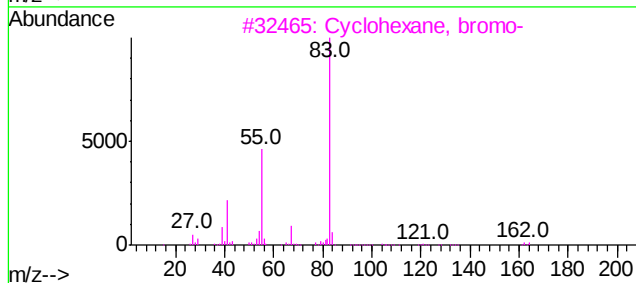
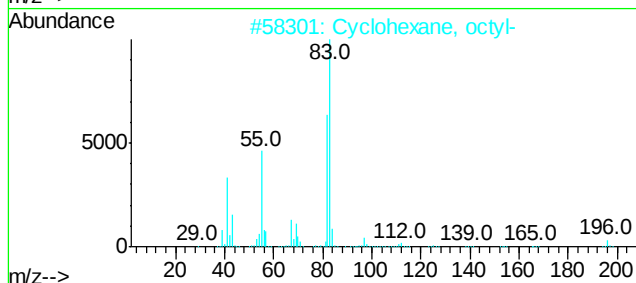
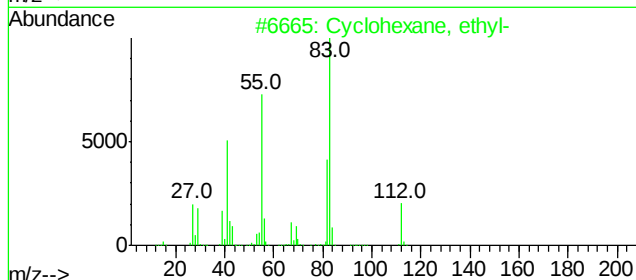
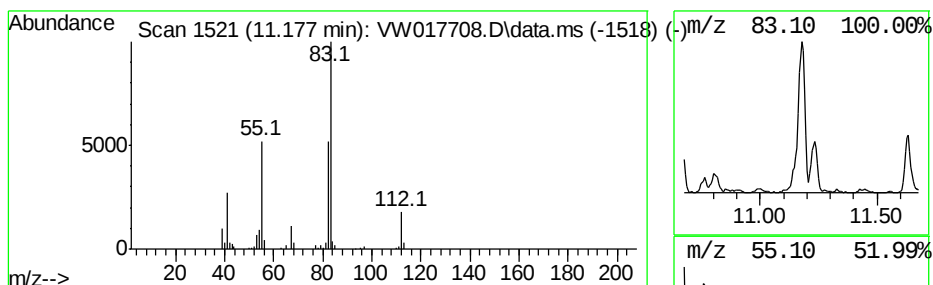
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexane, ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	6.33 ug/l	112158	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	56
3	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	50
4	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	50
5	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	50



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-08-122220

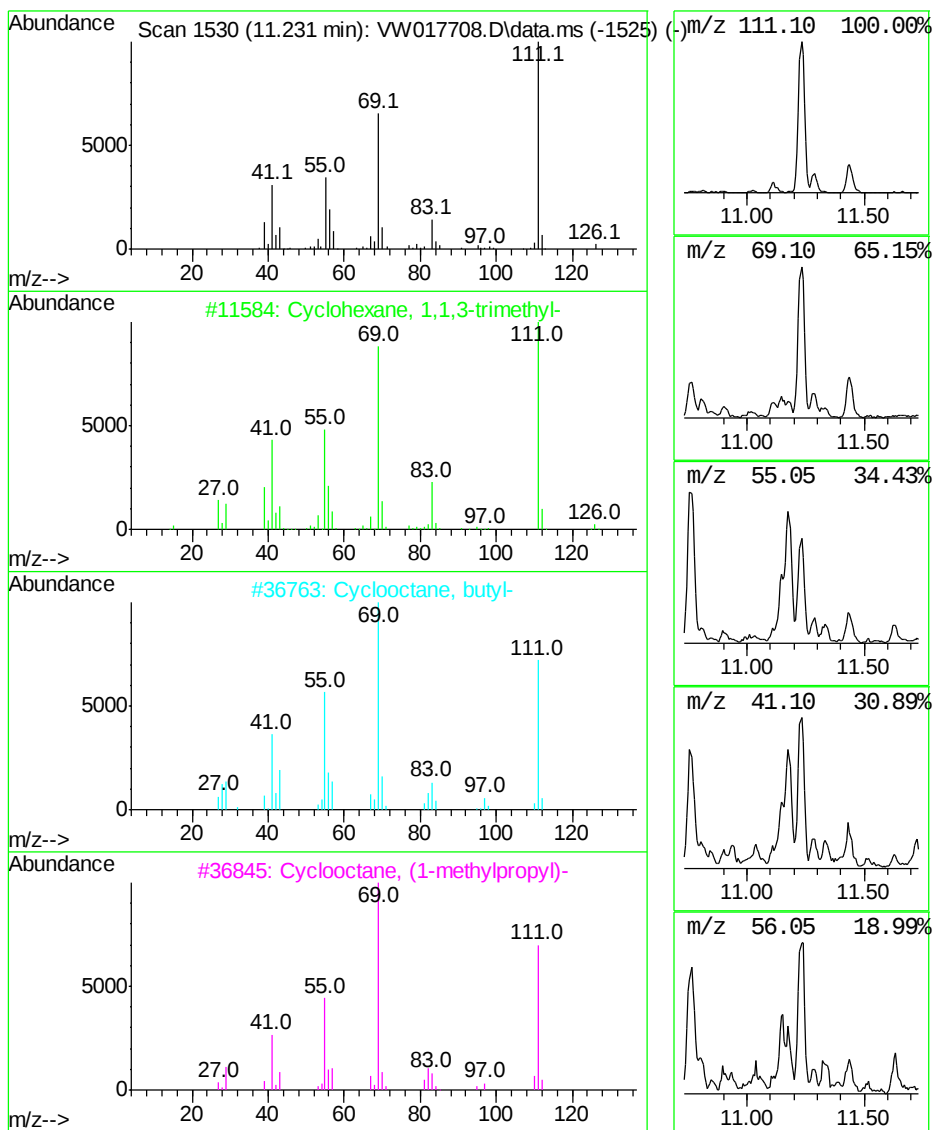
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	9.50 ug/l	168354	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	83
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
4	1-Aminocyclopropanecarboxylic ac...	212	C11H20N2O2	1000375-50-9	53
5	3-Aminopyrazine 1-oxide	111	C4H5N3O	006863-77-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
Data File : VW017708.D
Acq On : 23 Dec 2020 13:33
Operator : SY/VA
Sample : L5188-01
Misc : 6.55G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol	3.580	80.5	ug/l	1035260	1	7.952	642836	50.0
Cyclopentane, 1...	10.085	8.0	ug/l	137720	2	8.842	857283	50.0
Cyclohexane, 1...	10.494	12.1	ug/l	214678	3	11.634	886175	50.0
Cyclohexane, 1...	10.665	15.9	ug/l	281275	3	11.634	886175	50.0
Cyclohexane, 1...	10.762	8.7	ug/l	154457	3	11.634	886175	50.0
Cyclohexane, et...	11.177	6.3	ug/l	112158	3	11.634	886175	50.0
Cyclohexane, 1...	11.232	9.5	ug/l	168354	3	11.634	886175	50.0