

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039260.D
 Acq On : 03 Oct 2025 19:11
 Operator : SY/MD
 Sample : Q3201-05 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW1

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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Title : SW846 8260

Signal : TIC: VV039260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.609	167	177	204	rBV	429638	698339	4.88%	0.748%
2	1.790	221	233	251	rBV4	334687	679556	4.75%	0.728%
3	1.873	251	259	275	rVV	175721	302195	2.11%	0.324%
4	1.992	287	296	319	rVV	1572605	2765055	19.32%	2.961%
5	2.095	320	328	351	rVB2	115077	256276	1.79%	0.274%
6	2.433	411	433	444	rBV4	407517	1020580	7.13%	1.093%
7	2.526	454	462	496	rVB3	564982	1407319	9.83%	1.507%
8	2.709	506	519	550	rVB4	232614	579404	4.05%	0.620%
9	2.879	561	572	591	rBV2	65160	149362	1.04%	0.160%
10	3.198	650	671	688	rBV	327021	796748	5.57%	0.853%
11	3.291	689	700	711	rVV2	154573	355892	2.49%	0.381%
12	3.355	713	720	734	rVB	70324	154693	1.08%	0.166%
13	3.497	752	764	785	rBV2	189437	470154	3.29%	0.503%
14	3.674	803	819	836	rBV	381088	1052697	7.36%	1.127%
15	3.754	837	844	893	rVB3	88974	323556	2.26%	0.346%
16	4.365	997	1034	1062	rBV2	493319	1482652	10.36%	1.587%
17	4.503	1064	1077	1091	rVV2	366606	962695	6.73%	1.031%
18	4.596	1092	1106	1163	rVB2	677407	2275580	15.90%	2.436%
19	4.944	1201	1214	1223	rBV	366180	794208	5.55%	0.850%
20	5.008	1223	1234	1257	rVV	1238177	2996828	20.94%	3.209%
21	5.130	1260	1272	1293	rVB6	339689	956242	6.68%	1.024%
22	5.532	1386	1397	1439	rBV	740857	2259076	15.79%	2.419%
23	5.857	1485	1498	1519	rVB5	111168	271875	1.90%	0.291%
24	6.047	1537	1557	1572	rBV7	131033	360403	2.52%	0.386%
25	6.493	1676	1696	1709	rBV7	65710	231192	1.62%	0.248%
26	6.571	1711	1720	1741	rVB3	70286	169286	1.18%	0.181%
27	6.722	1741	1767	1777	rBV3	185142	591052	4.13%	0.633%
28	7.088	1870	1881	1899	rVB3	129303	257648	1.80%	0.276%
29	7.236	1900	1927	1941	rBV	1164859	2296916	16.05%	2.459%
30	7.310	1941	1950	1971	rVV	660913	1311274	9.16%	1.404%
31	7.403	1972	1979	2003	rVB3	52258	156196	1.09%	0.167%
32	7.860	2111	2121	2142	rVB	111965	210162	1.47%	0.225%
33	8.091	2180	2193	2224	rVV	692240	1291754	9.03%	1.383%
34	8.654	2357	2368	2383	rBV2	95977	182171	1.27%	0.195%
35	8.776	2395	2406	2436	rBV	1356734	2329650	16.28%	2.494%
36	8.934	2444	2455	2481	rBV	6629442	10244909	71.59%	10.969%

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37	9.059	2483	2494	2514	rVV	8944255	14311100	100.00%	15.323%
38	9.471	2611	2622	2642	rBV	218380	368853	2.58%	0.395%
39	9.857	2729	2742	2758	rBV	2420948	3698808	25.85%	3.960%
40	10.001	2777	2787	2812	rBV	1165487	1891365	13.22%	2.025%
41	10.278	2862	2873	2893	rBV	2988234	4351372	30.41%	4.659%
42	10.397	2893	2910	2921	rVV	1199838	2728536	19.07%	2.921%
43	10.464	2921	2931	2947	rVB	2078763	3051685	21.32%	3.267%
44	10.664	2982	2993	3019	rBV	719616	1132131	7.91%	1.212%
45	10.841	3028	3048	3068	rBV	2952583	4393962	30.70%	4.705%
46	11.172	3142	3151	3169	rBV	1662311	2543664	17.77%	2.724%
47	11.262	3169	3179	3193	rVB	529453	817395	5.71%	0.875%
48	11.451	3226	3238	3263	rBV	3500550	5636030	39.38%	6.035%
49	11.567	3263	3274	3298	rVB5	283971	641970	4.49%	0.687%
50	11.747	3321	3330	3348	rVB	136325	225006	1.57%	0.241%
51	11.837	3348	3358	3364	rBV	113905	171621	1.20%	0.184%
52	11.943	3380	3391	3410	rBV	476359	835373	5.84%	0.894%
53	12.040	3411	3421	3444	rVV2	228737	433171	3.03%	0.464%
54	12.339	3500	3514	3523	rBV	264039	400229	2.80%	0.429%
55	12.394	3523	3531	3545	rVB	189447	294498	2.06%	0.315%
56	12.651	3602	3611	3629	rVB	247735	383117	2.68%	0.410%
57	12.808	3644	3660	3674	rBV2	608845	995754	6.96%	1.066%
58	13.426	3841	3852	3881	rBV	534707	891094	6.23%	0.954%
59	14.557	4193	4204	4224	rBV	205350	347124	2.43%	0.372%
60	14.741	4251	4261	4274	rBV	124338	208199	1.45%	0.223%

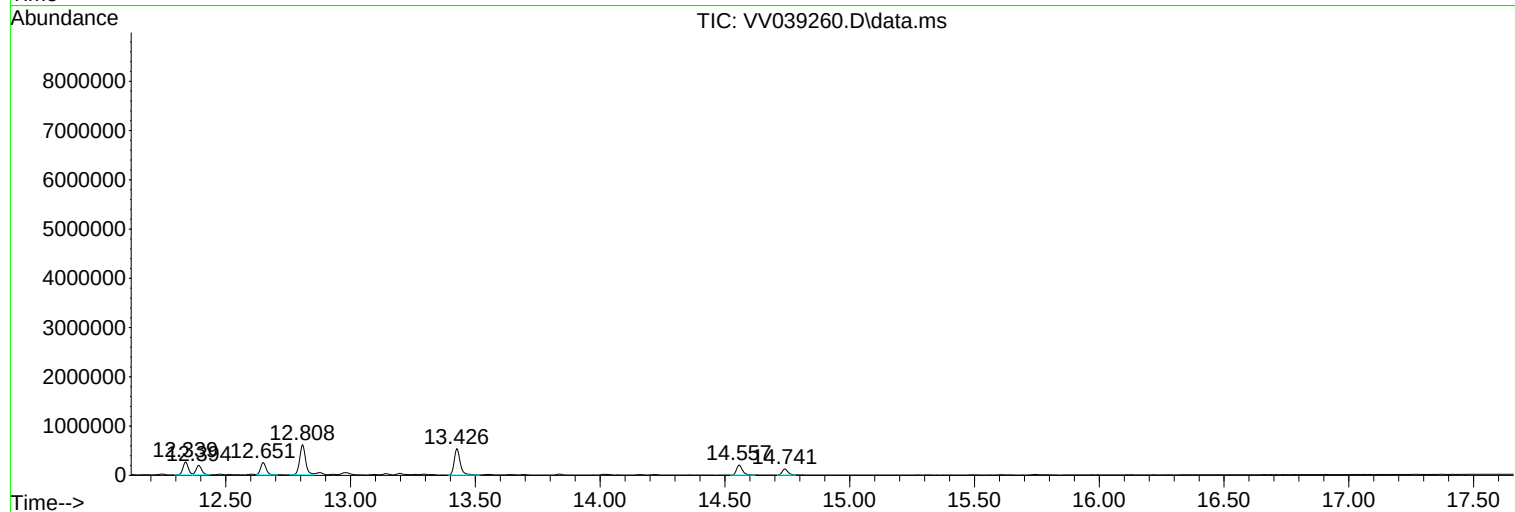
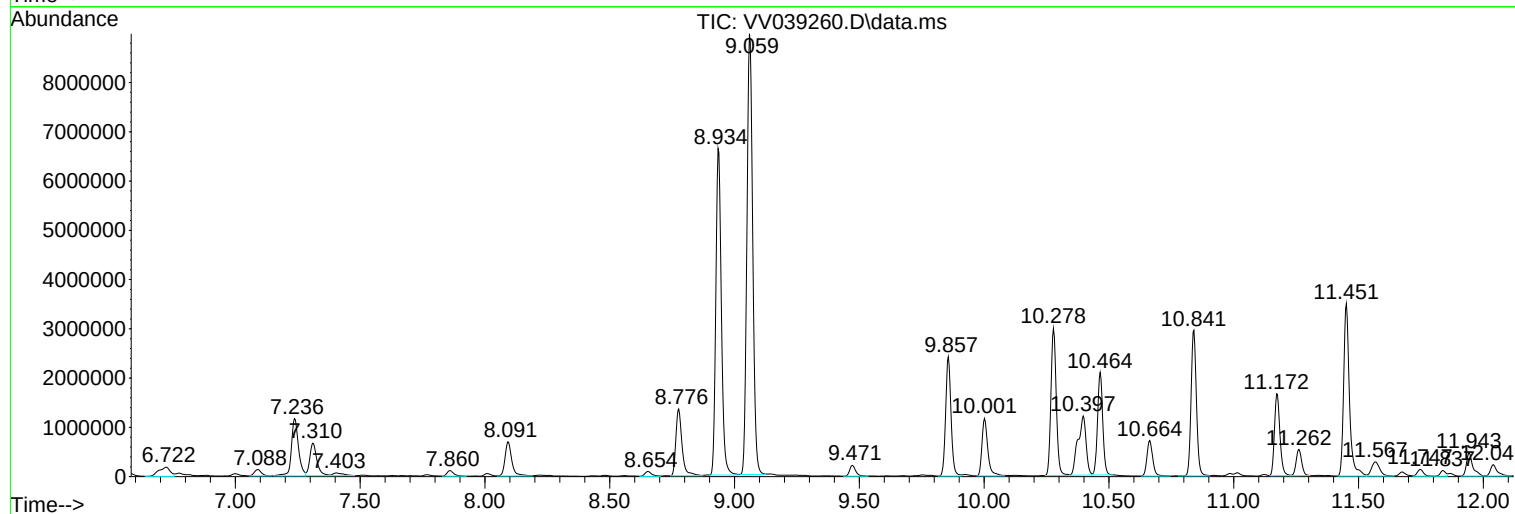
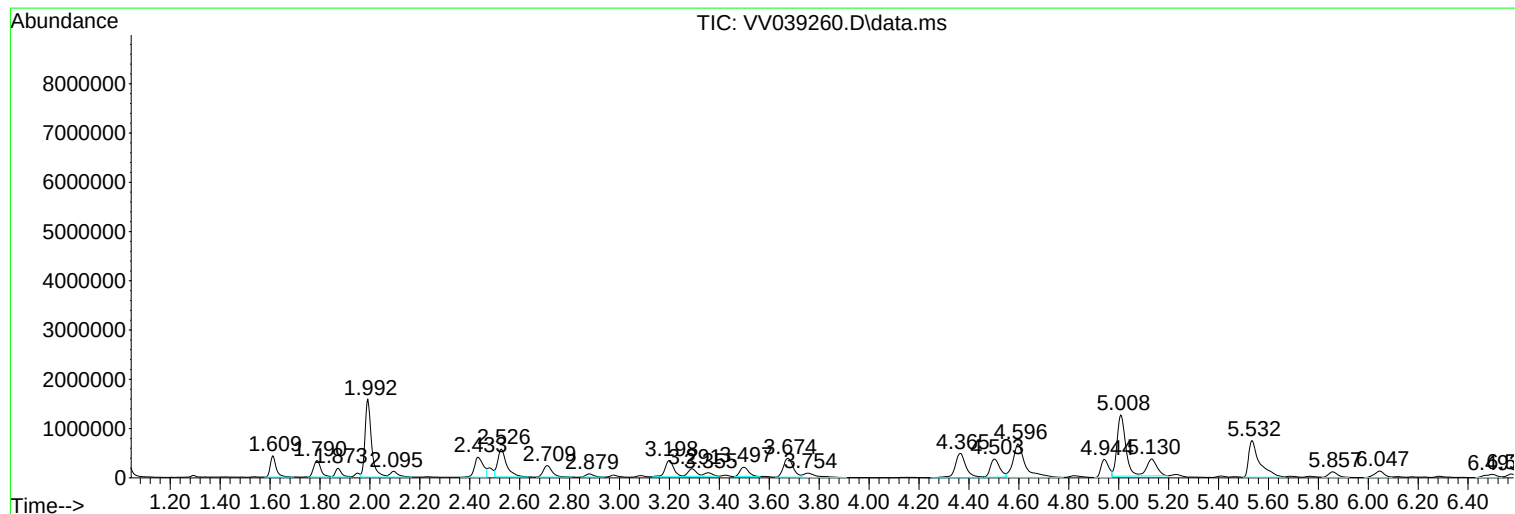
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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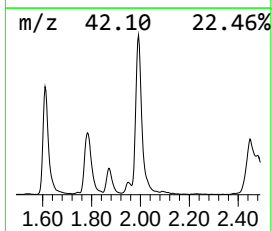
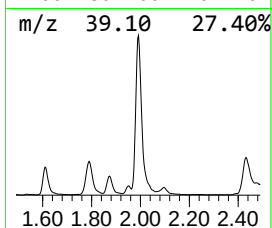
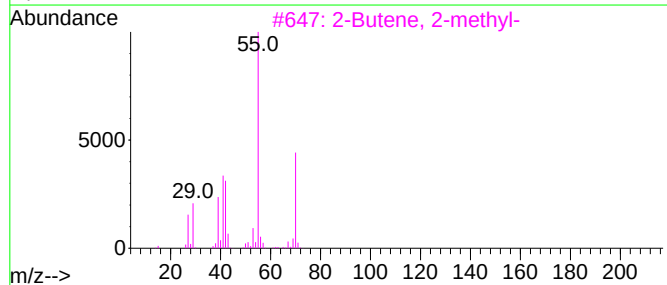
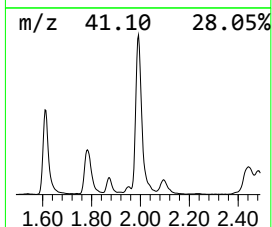
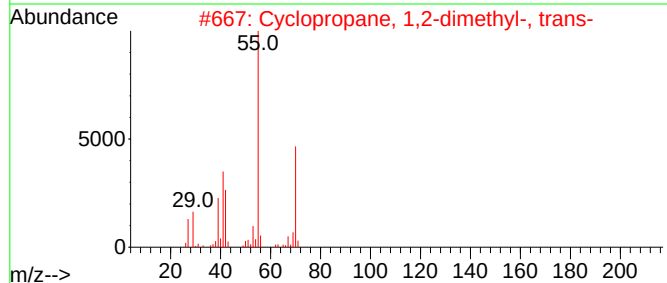
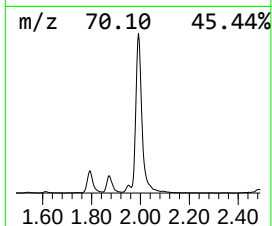
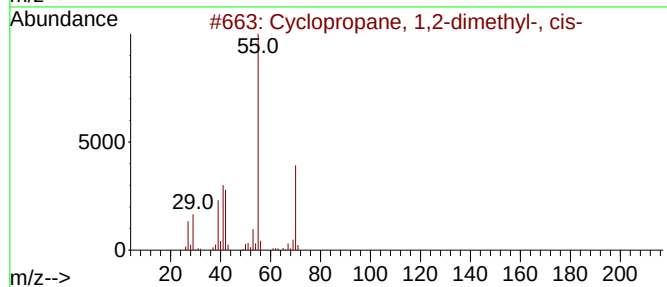
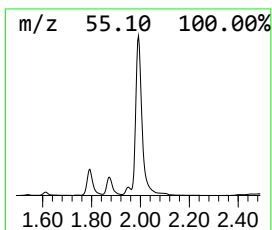
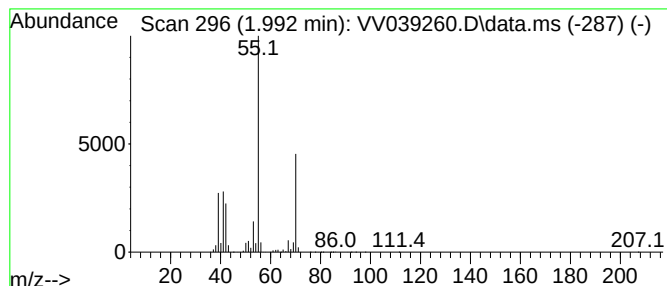
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclopropane, 1,2-dimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.992	60.76 ug/l	2765060	Pentafluorobenzene	4.600

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
3			2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
4			2-Pentene, (E)-	70	C5H10	000646-04-8	86
5			2-Methyl-1-butene	70	C5H10	000563-46-2	83



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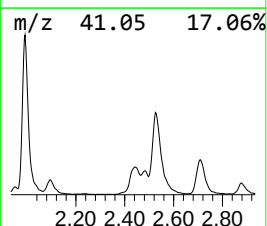
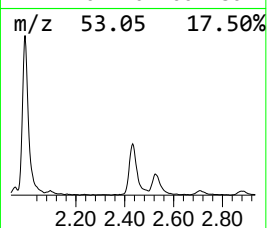
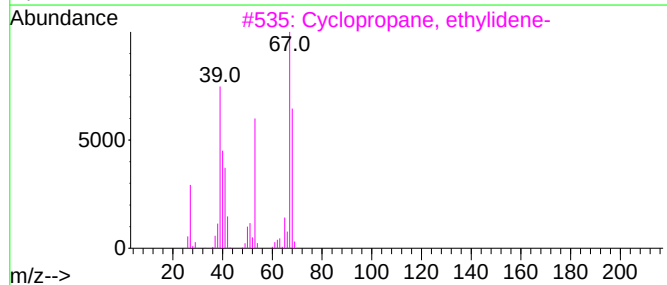
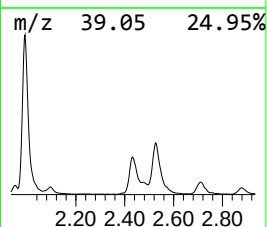
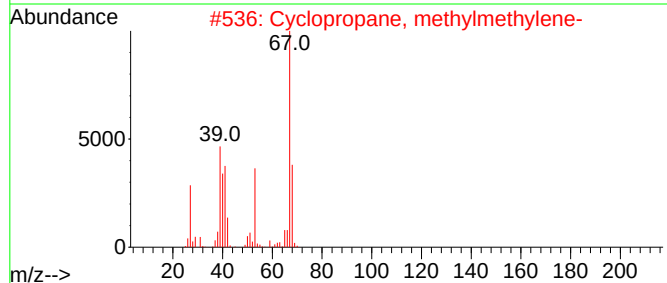
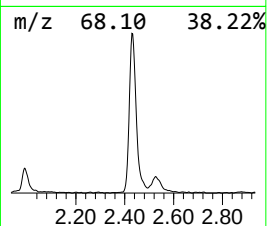
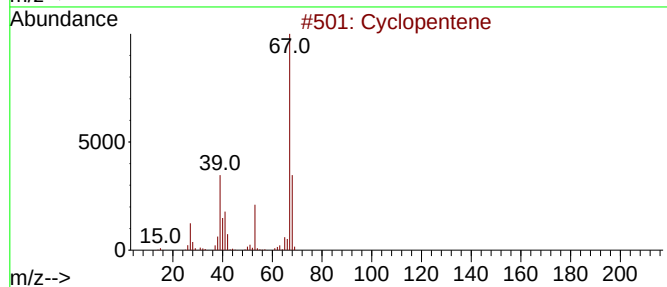
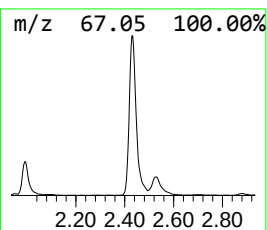
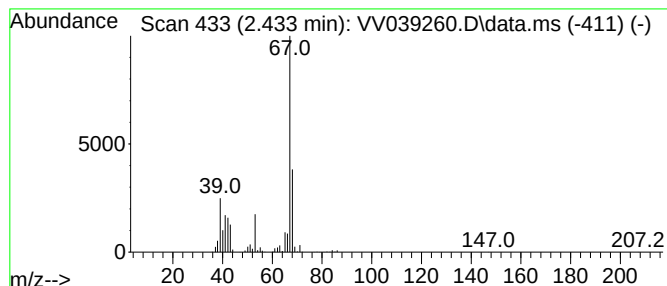
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.433	22.42 ug/l	1020580	Pentafluorobenzene	4.600

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene	68	C5H8	000142-29-0	91
2			Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	83
3			Cyclopropane, ethylidene-	68	C5H8	018631-83-9	53
4			1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	53
5			1,4-Pentadiene	68	C5H8	000591-93-5	52



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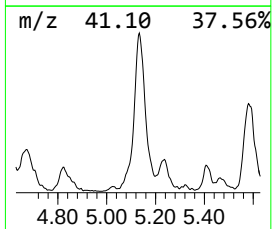
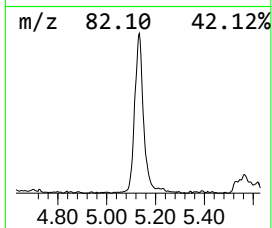
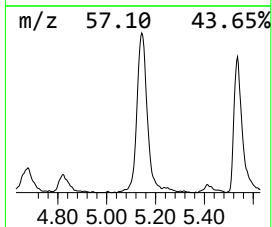
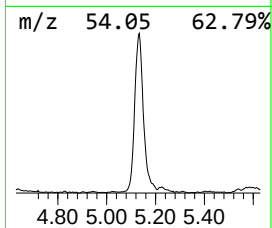
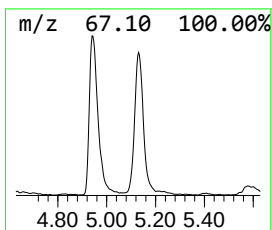
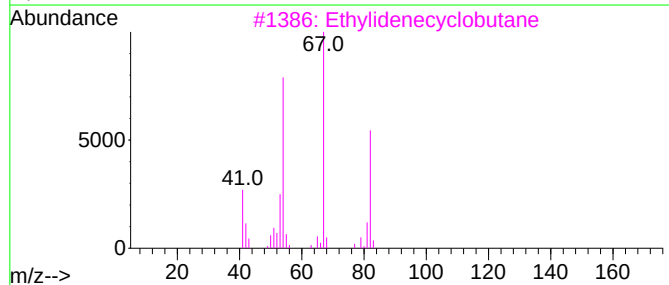
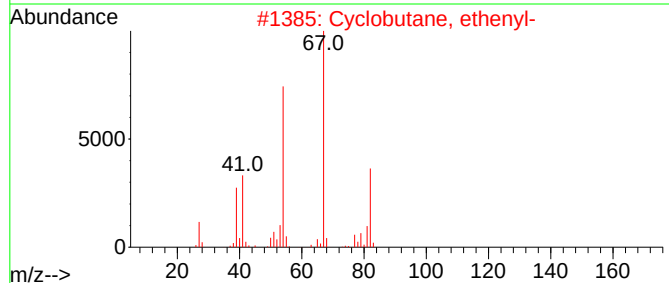
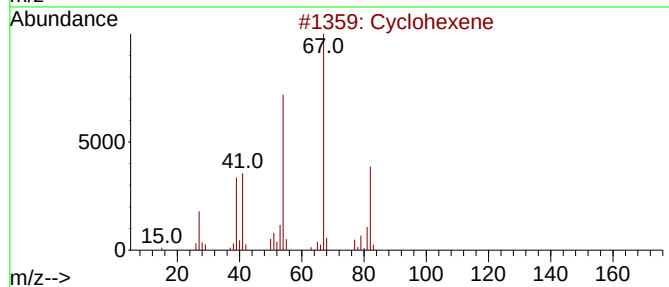
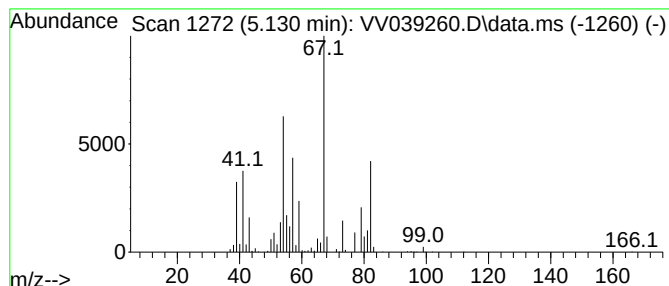
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.130	21.16 ug/l	956242	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene	82	C6H10	000110-83-8	92
2			Cyclobutane, ethenyl-	82	C6H10	002597-49-1	70
3			Ethylidenecyclobutane	82	C6H10	001528-21-8	70
4			C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	53
5			2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	53



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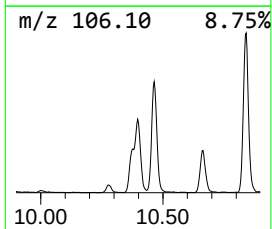
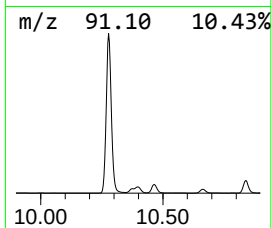
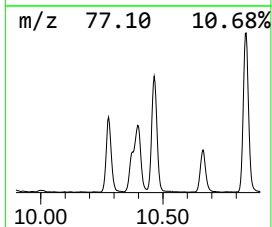
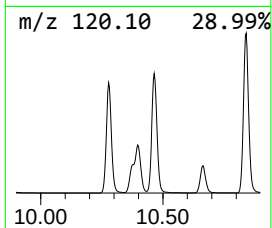
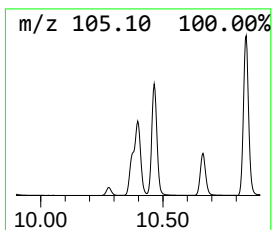
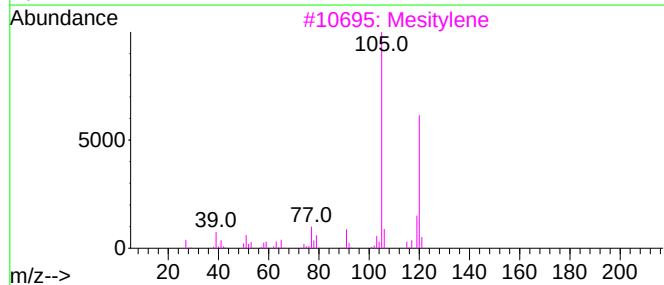
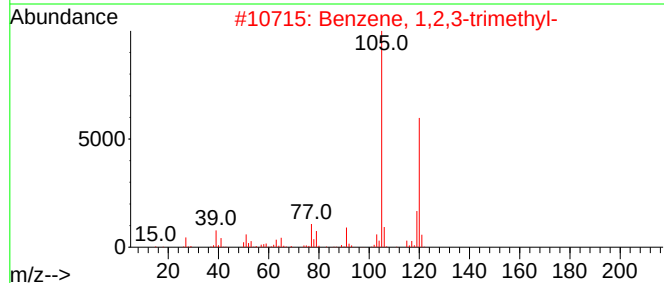
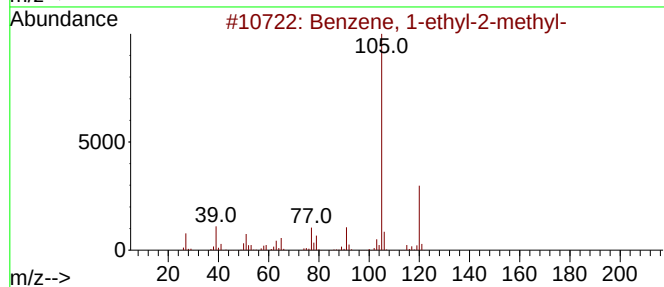
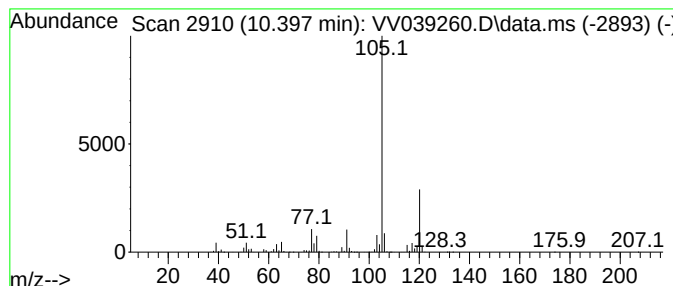
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.397	53.63 ug/l	2728540	1,4-Dichlorobenzene-d4	11.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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MW1

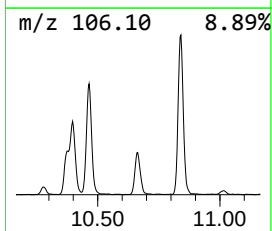
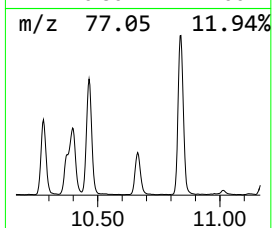
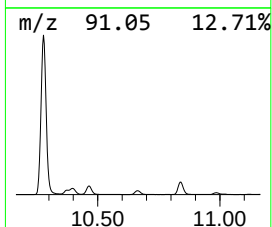
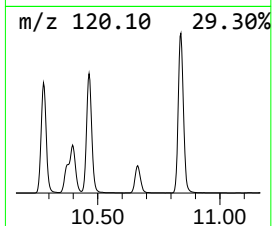
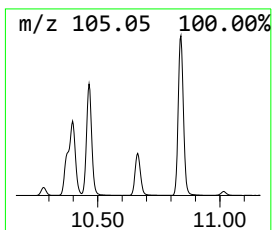
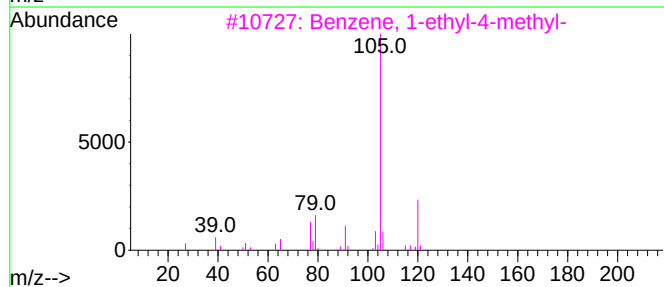
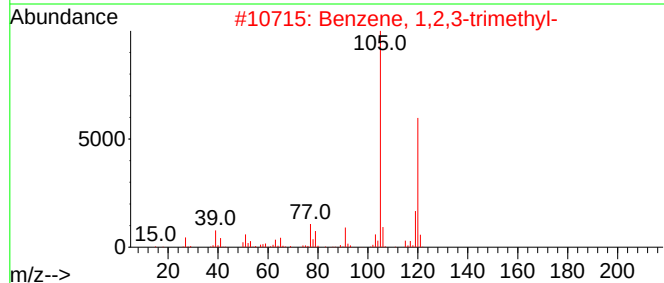
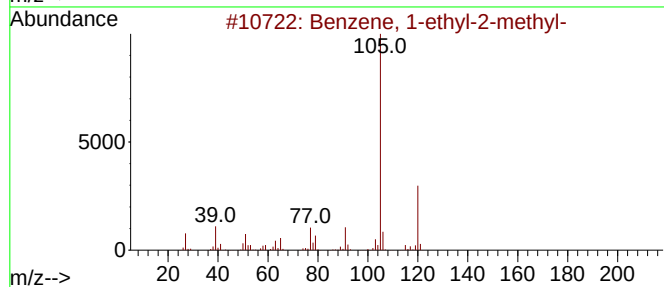
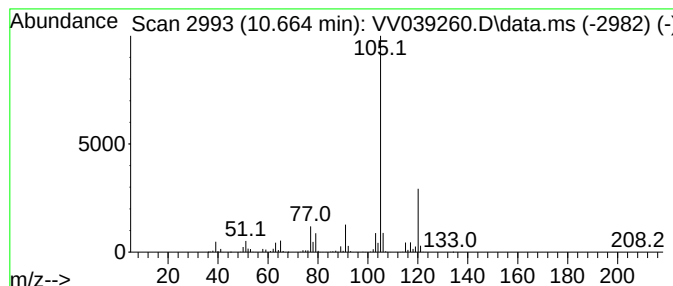
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	22.25 ug/l	1132130	1,4-Dichlorobenzene-d4	11.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039260.D
Acq On : 03 Oct 2025 19:11
Operator : SY/MD
Sample : Q3201-05 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW1

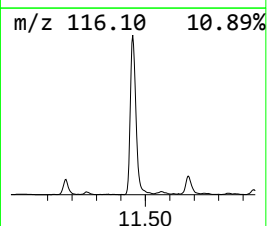
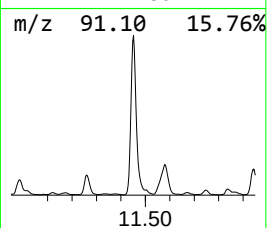
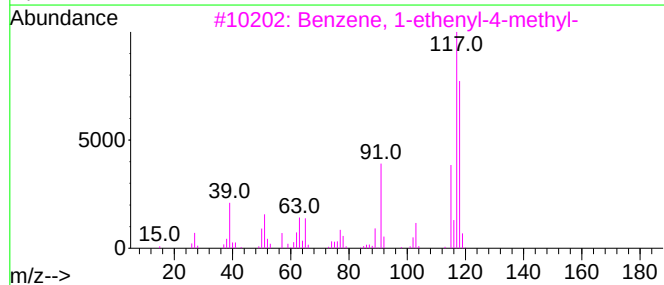
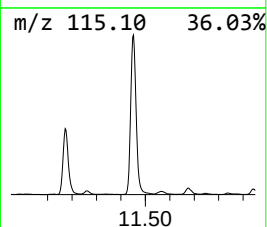
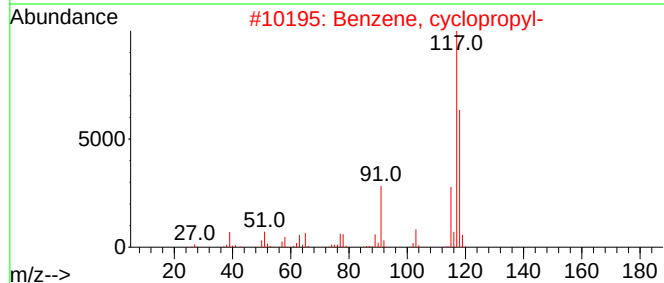
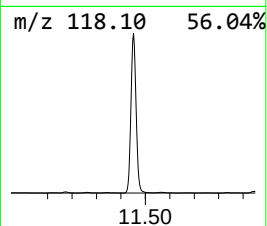
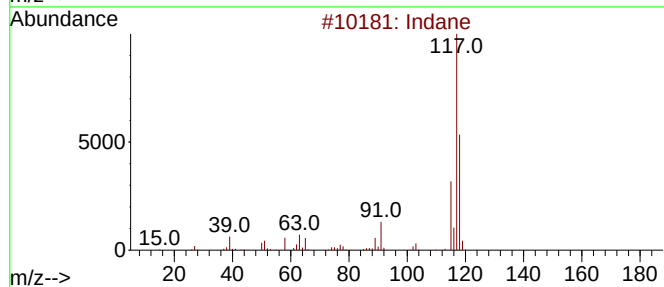
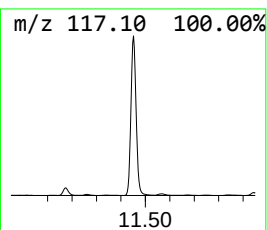
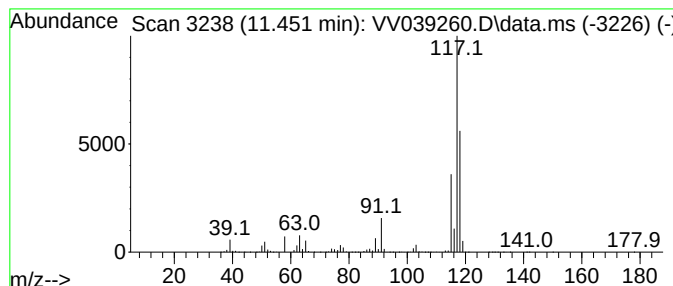
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	110.79 ug/l	5636030	1,4-Dichlorobenzene-d4	11.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5			Deltacyclene	118	C9H10	007785-10-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039260.D
Acq On : 03 Oct 2025 19:11
Operator : SY/MD
Sample : Q3201-05 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW1

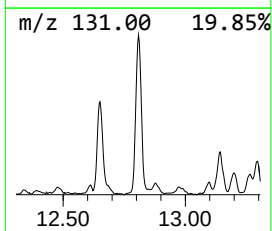
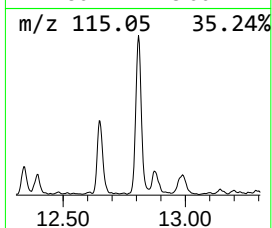
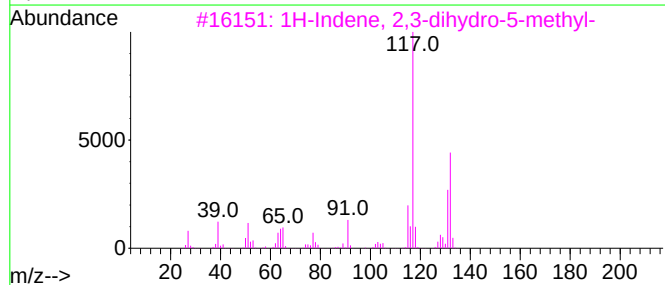
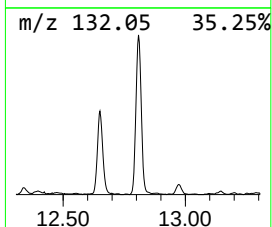
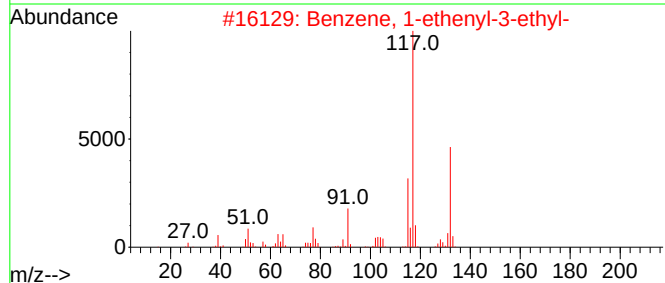
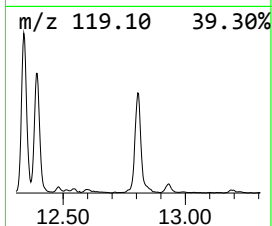
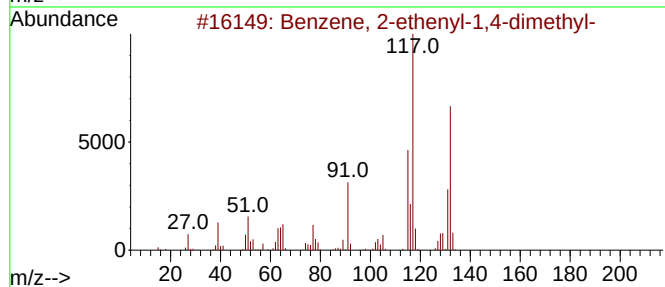
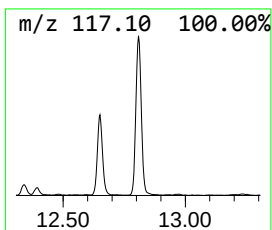
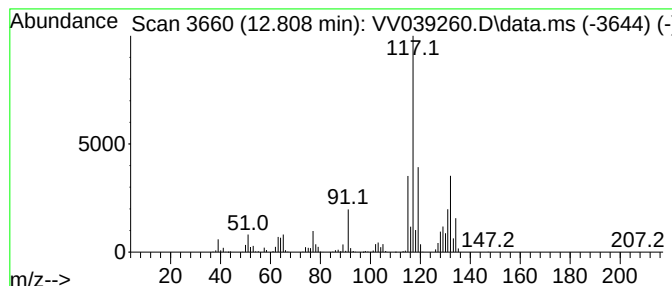
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.808	19.57 ug/l	995754	1,4-Dichlorobenzene-d4	11.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4			Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	62
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039260.D
Acq On : 03 Oct 2025 19:11
Operator : SY/MD
Sample : Q3201-05 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopropane, 1...	1.992	60.8	ug/l	2765060	1	4.600	2275580	50.0
Cyclopentene	2.433	22.4	ug/l	1020580	1	4.600	2275580	50.0
Cyclohexene	5.130	21.2	ug/l	956242	2	5.532	2259080	50.0
Benzene, 1-ethy...	10.397	53.6	ug/l	2728540	4	11.175	2543660	50.0
Benzene, 1,2,3-...	10.664	22.3	ug/l	1132130	4	11.175	2543660	50.0
Indane	11.451	110.8	ug/l	5636030	4	11.175	2543660	50.0
Benzene, 2-ethe...	12.808	19.6	ug/l	995754	4	11.175	2543660	50.0