

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044978.D
 Acq On : 06 Apr 2024 19:39
 Operator : MA/JU
 Sample : P2012-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AM2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM044978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	9	15	42	rVB	13870224	18931281	100.00%	36.943%
2	3.616	88	90	101	rBV	77268	146199	0.77%	0.285%
3	3.904	135	139	144	rBV	37613	48810	0.26%	0.095%
4	4.016	154	158	164	rVB5	12617	19813	0.10%	0.039%
5	4.404	218	224	236	rVB	988922	1379083	7.28%	2.691%
6	5.175	350	355	364	rVB	79863	120106	0.63%	0.234%
7	5.304	372	377	392	rVB	191194	385796	2.04%	0.753%
8	5.669	432	439	446	rBV	334902	500235	2.64%	0.976%
9	6.616	593	600	607	rBV	176058	271185	1.43%	0.529%
10	6.728	614	619	625	rBV2	22336	39318	0.21%	0.077%
11	6.787	625	629	630	rVV	16238	20831	0.11%	0.041%
12	6.822	630	635	639	rVV	91702	166220	0.88%	0.324%
13	6.857	639	641	647	rVB	37661	50586	0.27%	0.099%
14	6.987	657	663	675	rBV2	386477	687635	3.63%	1.342%
15	7.169	687	694	702	rBV	385191	611928	3.23%	1.194%
16	7.275	707	712	718	rVB	74573	110685	0.58%	0.216%
17	7.634	765	773	785	rBV	304574	510382	2.70%	0.996%
18	7.739	785	791	801	rVB	192426	327094	1.73%	0.638%
19	7.981	827	832	840	rVB3	47475	81983	0.43%	0.160%
20	8.110	848	854	859	rBV3	12472	20650	0.11%	0.040%
21	8.169	859	864	869	rVV	16195	24729	0.13%	0.048%
22	8.263	873	880	885	rBV2	38881	65871	0.35%	0.129%
23	8.345	885	894	902	rVV2	280507	497454	2.63%	0.971%
24	8.422	902	907	912	rVV	27778	52188	0.28%	0.102%
25	8.622	937	941	948	rVB	15010	23887	0.13%	0.047%
26	8.722	948	958	963	rBV2	30026	54161	0.29%	0.106%
27	8.798	963	971	982	rBV	477391	840019	4.44%	1.639%
28	8.963	992	999	1005	rVB9	9770	19990	0.11%	0.039%
29	9.051	1009	1014	1020	rVB3	22906	37128	0.20%	0.072%
30	9.157	1028	1032	1038	rBV	21698	34898	0.18%	0.068%
31	9.510	1083	1092	1105	rBV	391378	684531	3.62%	1.336%
32	9.810	1139	1143	1148	rVB3	12673	20683	0.11%	0.040%
33	10.039	1174	1182	1193	rBV	533027	935459	4.94%	1.825%
34	10.127	1194	1197	1204	rVB4	14961	24987	0.13%	0.049%
35	10.410	1238	1245	1250	rBV	435177	727428	3.84%	1.420%
36	10.457	1250	1253	1259	rVB	34854	55566	0.29%	0.108%

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37	10.563	1263	1271	1286	rBV	416737	805816	4.26%	1.572%
38	11.233	1377	1385	1391	rBV	8538	20130	0.11%	0.039%
39	11.663	1451	1458	1463	rVB4	15911	32128	0.17%	0.063%
40	12.004	1507	1516	1521	rBV6	9534	22638	0.12%	0.044%
41	12.263	1552	1560	1567	rBV2	13993	26454	0.14%	0.052%
42	12.410	1581	1585	1597	rVB7	15804	33563	0.18%	0.065%
43	12.686	1625	1632	1637	rBV6	12505	27716	0.15%	0.054%
44	13.027	1681	1690	1697	rBV10	8037	24209	0.13%	0.047%
45	13.180	1711	1716	1723	rVB5	10220	18956	0.10%	0.037%
46	13.710	1798	1806	1820	rBV	1062362	1508030	7.97%	2.943%
47	13.974	1844	1851	1859	rVV	1300807	1896389	10.02%	3.701%
48	14.280	1897	1903	1911	rBV	690559	1052775	5.56%	2.054%
49	14.539	1939	1947	1957	rBV	50132	131495	0.69%	0.257%
50	15.286	2067	2074	2081	rBV	1679046	2381508	12.58%	4.647%
51	15.427	2091	2098	2108	rBV	545392	815385	4.31%	1.591%
52	17.045	2366	2373	2382	rBV	883851	1267956	6.70%	2.474%
53	17.145	2383	2390	2404	rBV	1895043	2729996	14.42%	5.327%
54	17.951	2524	2527	2535	rBV2	31440	47247	0.25%	0.092%
55	19.009	2703	2707	2714	rVB3	25675	36834	0.19%	0.072%
56	19.086	2715	2720	2724	rBV	20543	33908	0.18%	0.066%
57	19.245	2743	2747	2757	rBV6	34119	63032	0.33%	0.123%
58	19.450	2776	2782	2789	rBV	2432271	3237272	17.10%	6.317%
59	21.250	3083	3088	3098	rBV	1149931	1434139	7.58%	2.799%
60	23.338	3436	3443	3449	rBV2	1940671	3494406	18.46%	6.819%
61	23.474	3460	3466	3474	rVB	847116	1573833	8.31%	3.071%

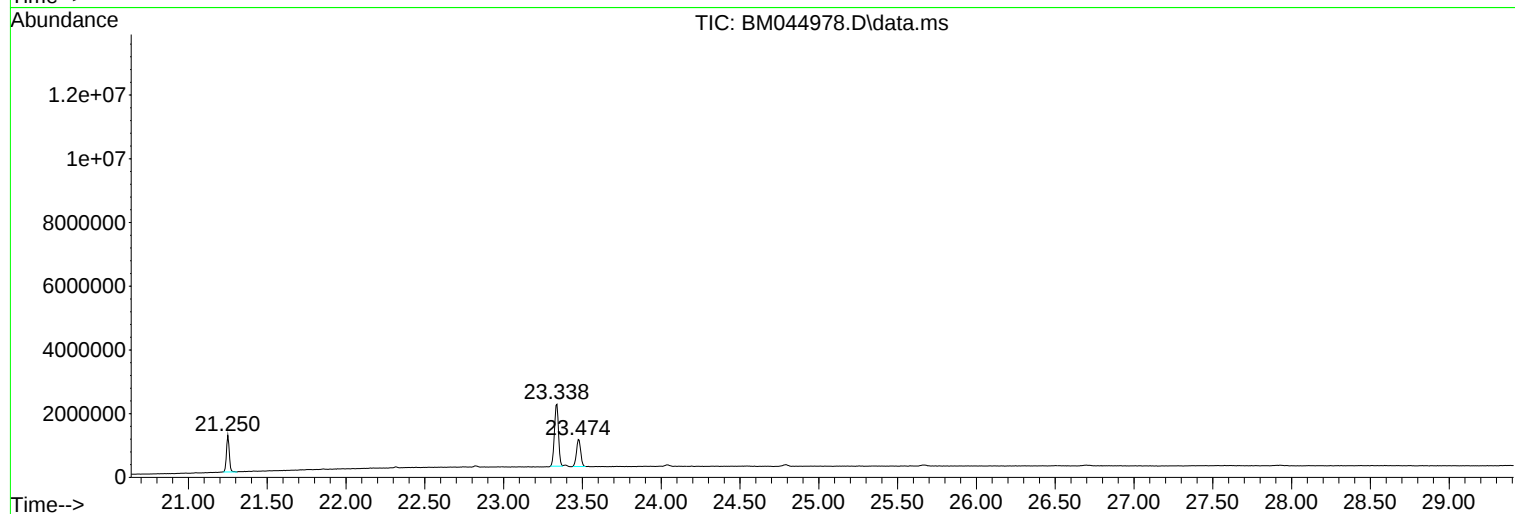
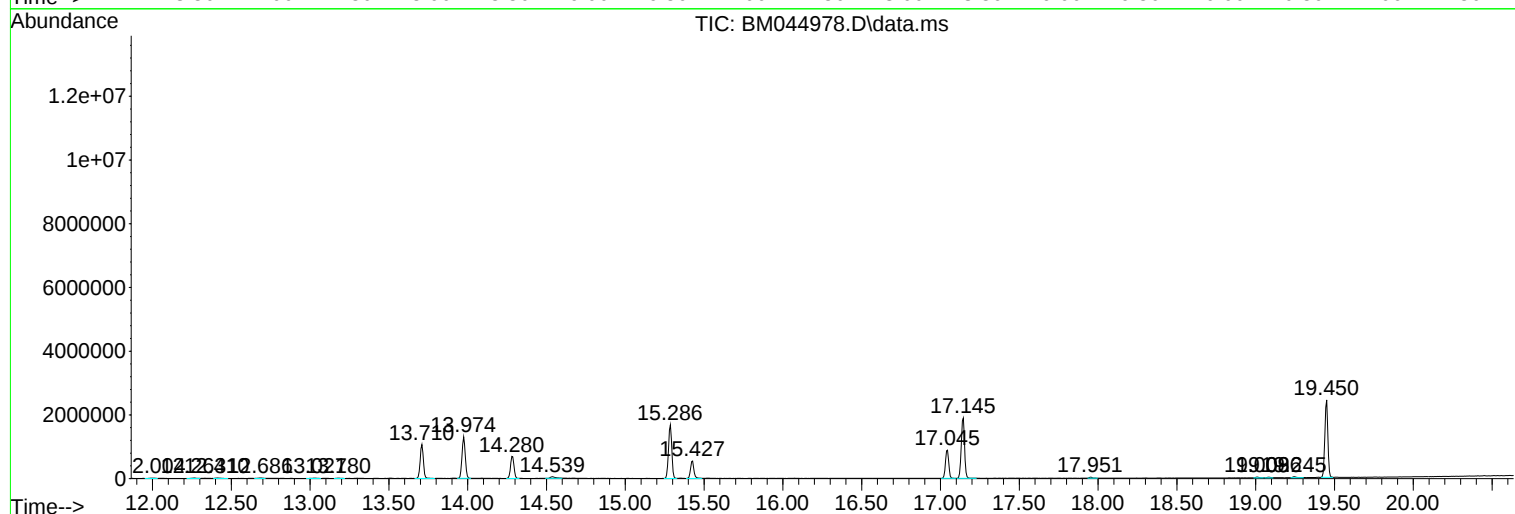
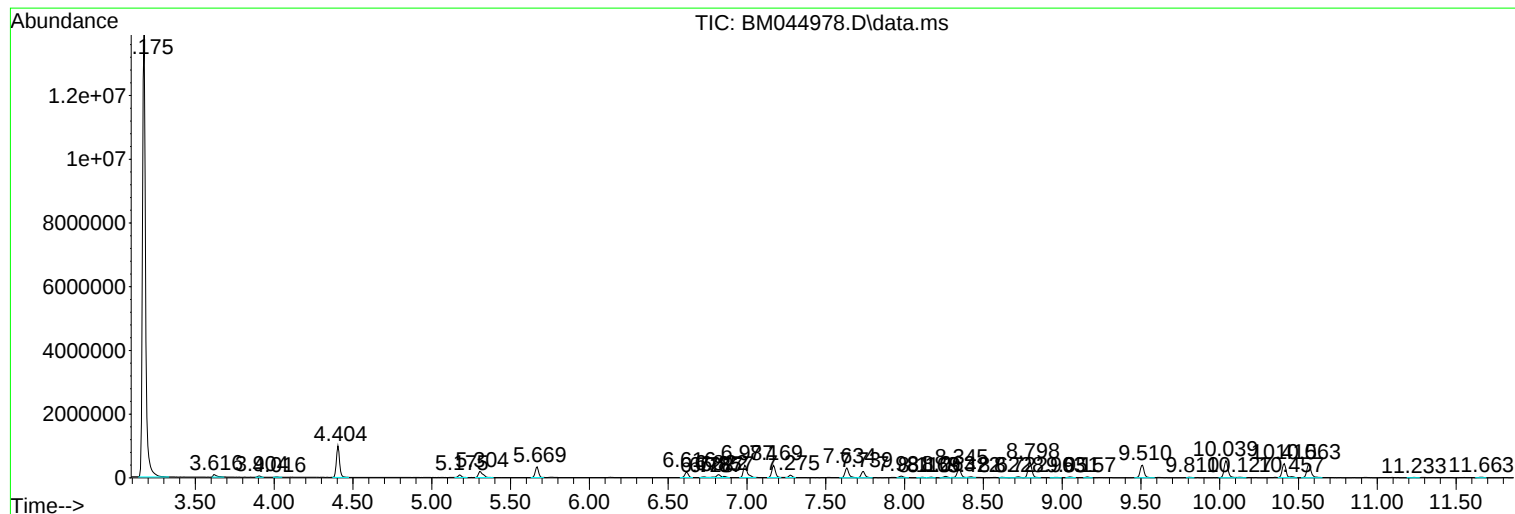
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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



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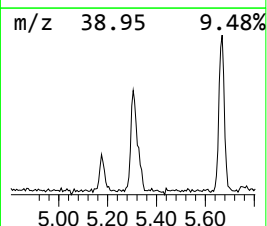
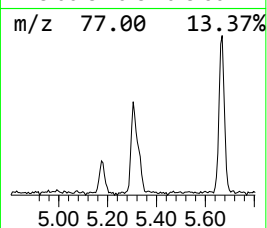
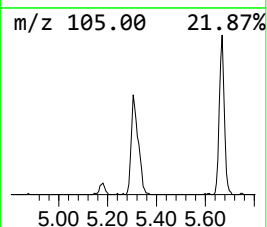
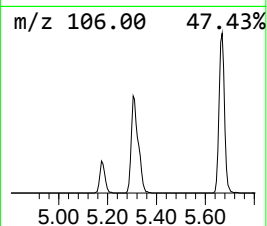
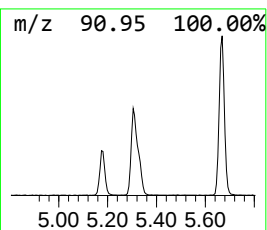
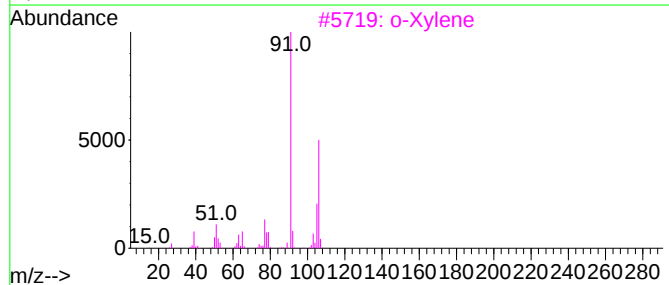
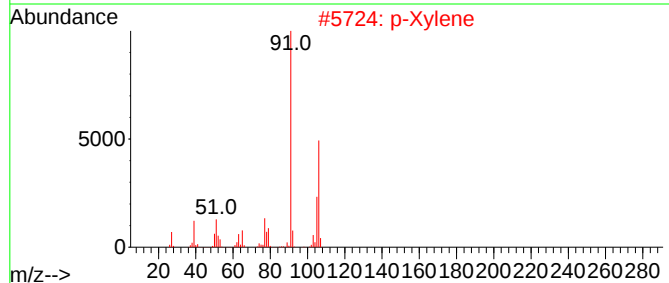
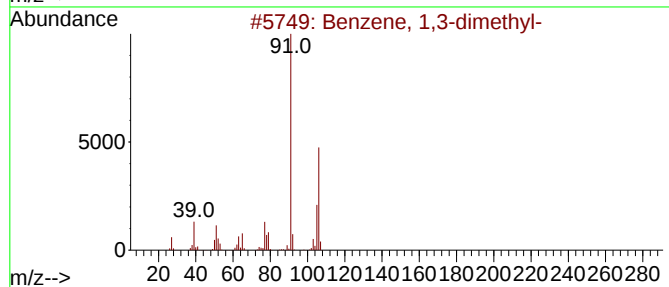
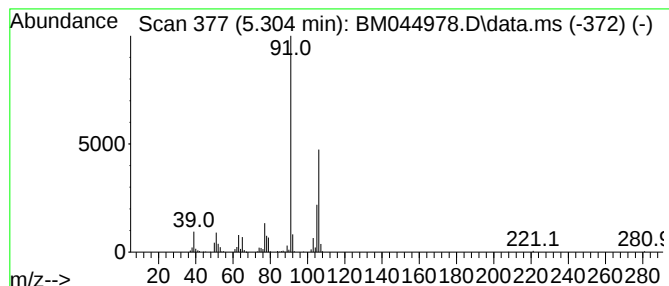
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.304	15.12 ng/ul	385796	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2			p-Xylene	106	C8H10	000106-42-3	97
3			o-Xylene	106	C8H10	000095-47-6	97
4			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95



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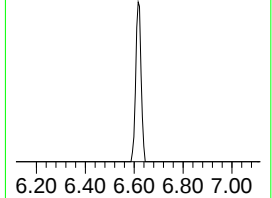
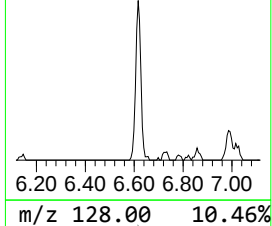
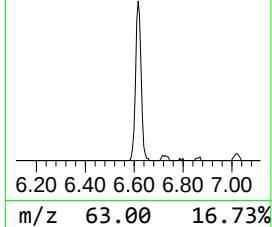
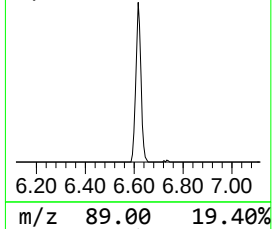
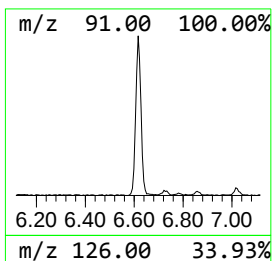
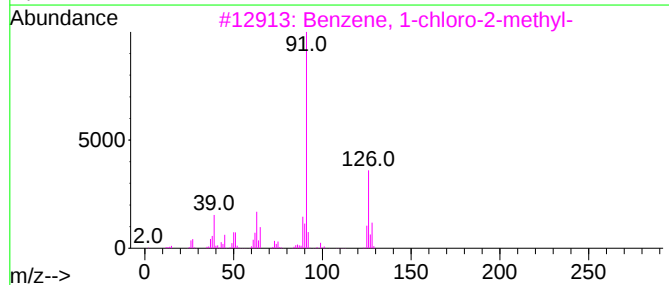
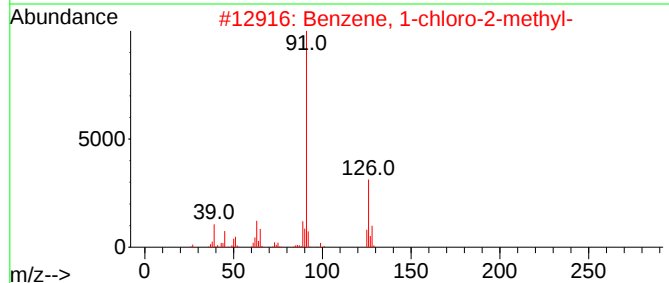
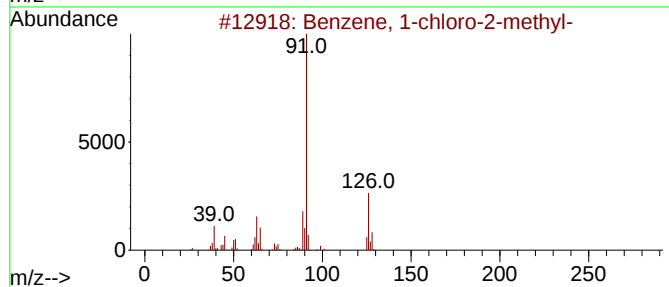
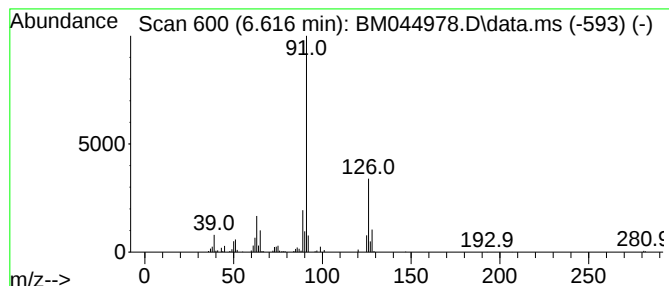
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	10.63 ng/ul	271185	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
3			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93
4			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90
5			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	81



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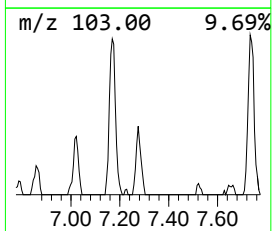
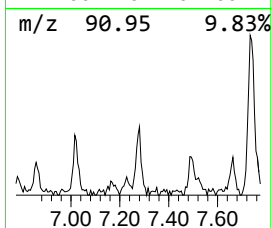
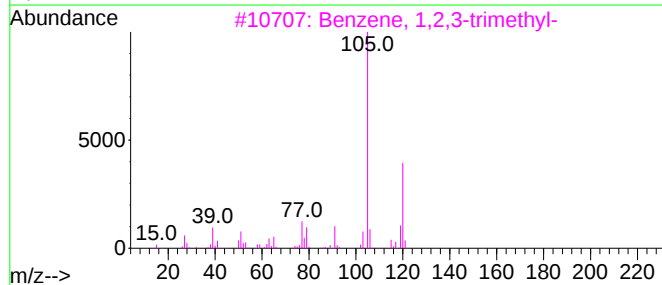
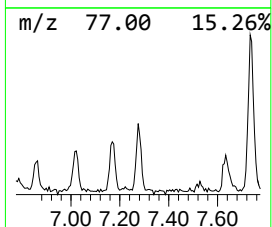
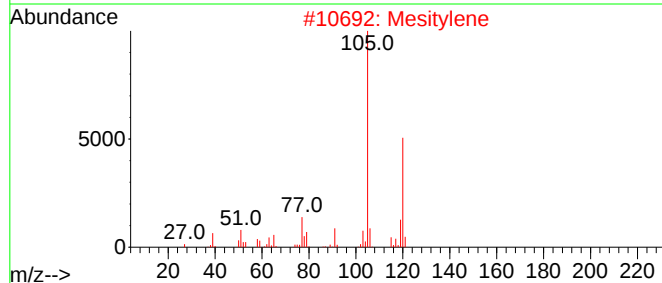
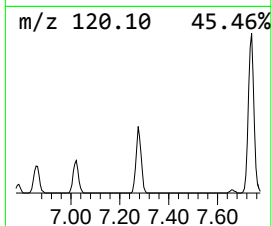
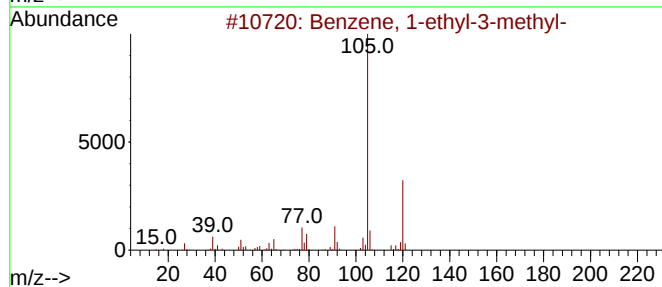
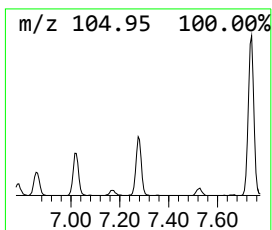
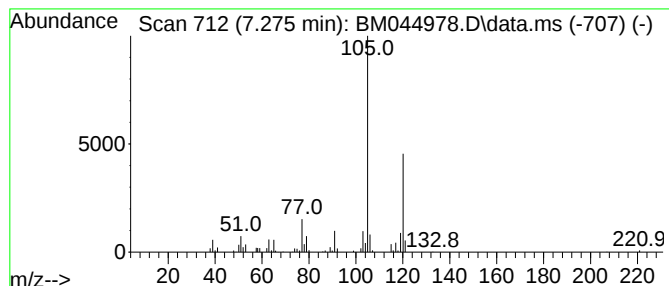
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.275	4.34 ng/ul	110685	1,4-Dichlorobenzene-d4	7.634

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



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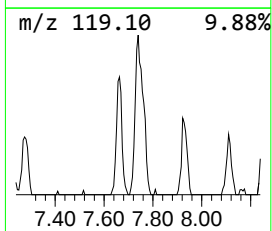
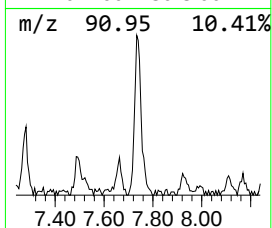
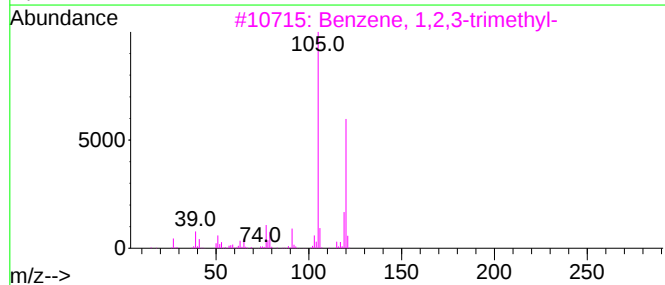
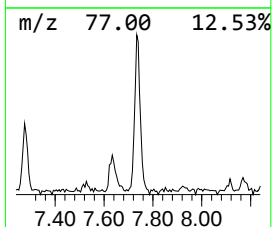
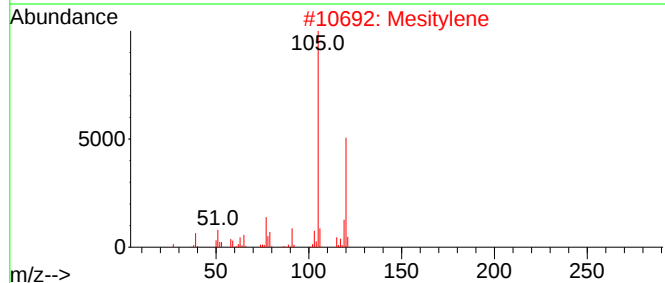
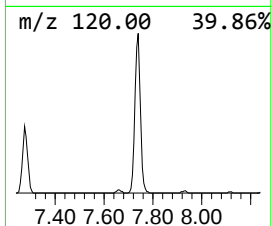
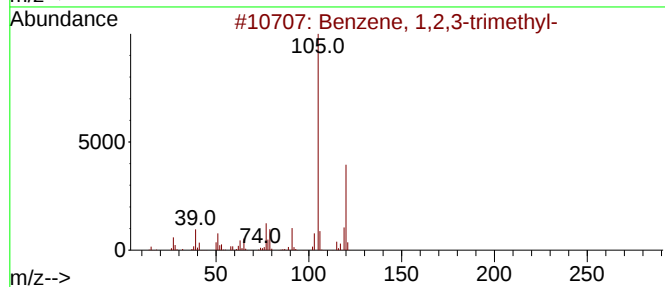
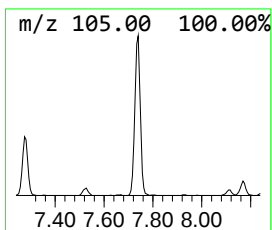
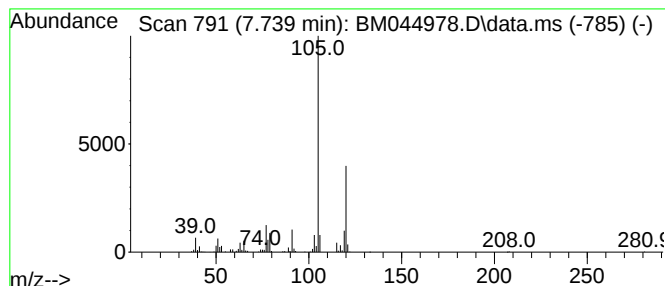
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.739	12.82 ng/ul	327094	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Mesitylene	120	C9H12	000108-67-8	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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C0AM2

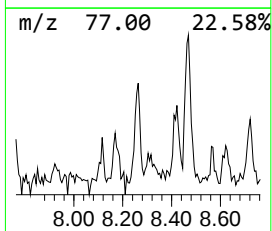
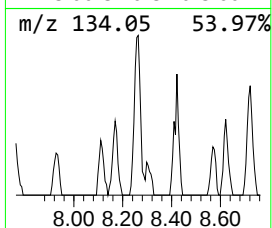
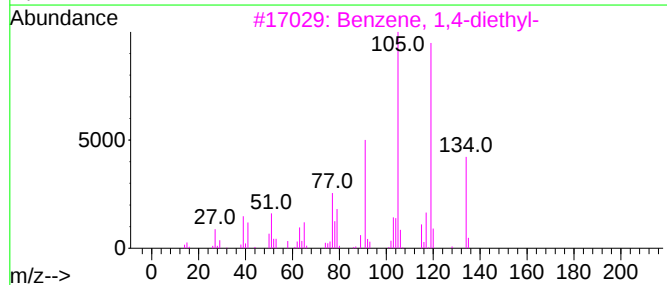
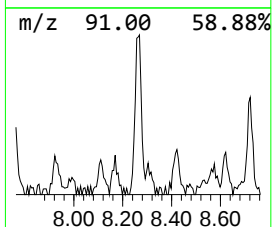
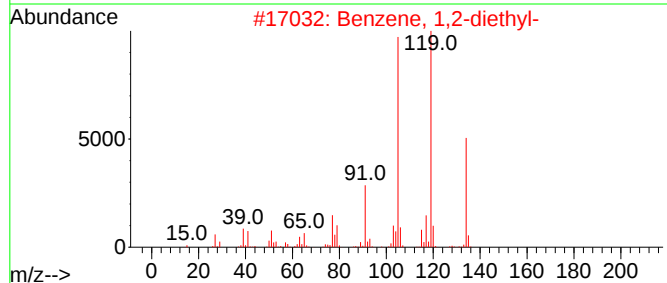
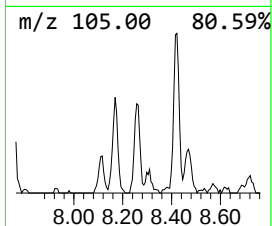
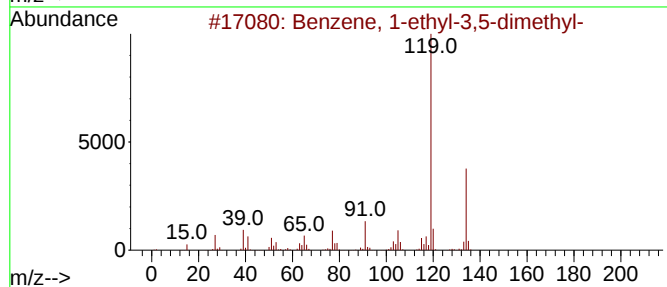
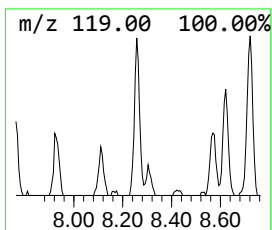
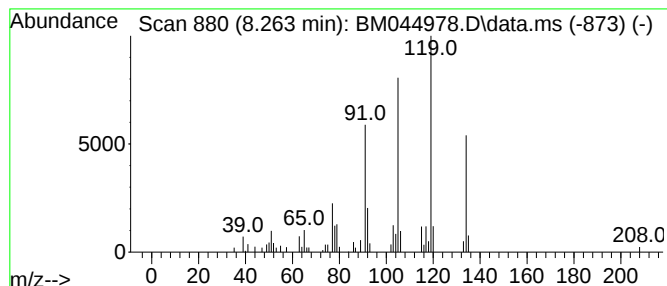
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	2.58 ng/ul	65871	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044978.D
Acq On : 06 Apr 2024 19:39
Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

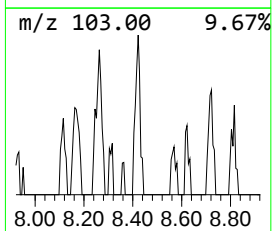
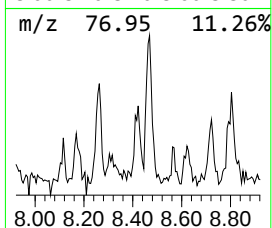
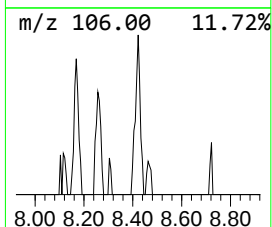
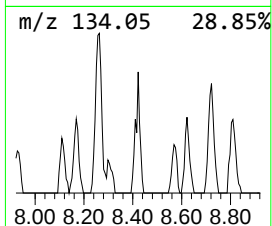
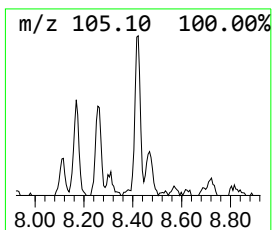
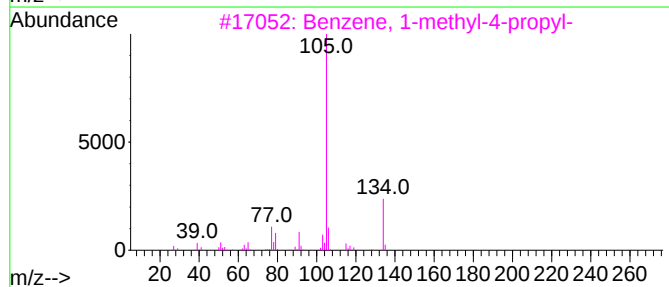
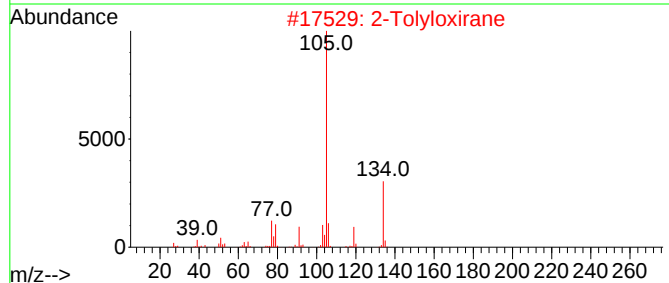
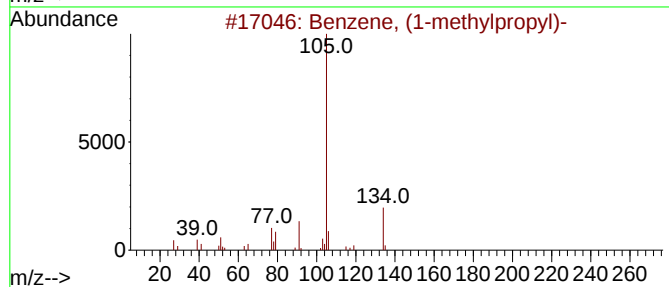
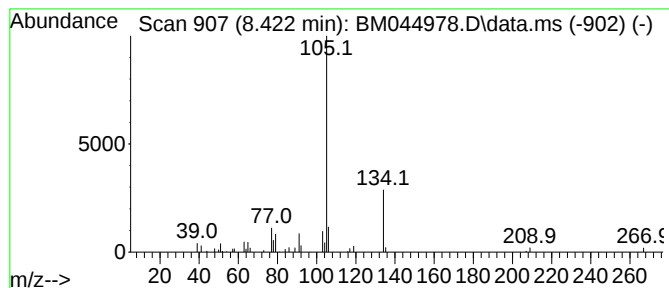
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, (1-methylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	2.05 ng/ul	52188	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
2			2-Tolyloxirane	134	C9H10O	002783-26-8	90
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044978.D
Acq On : 06 Apr 2024 19:39
Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

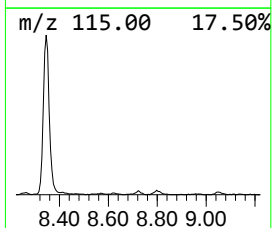
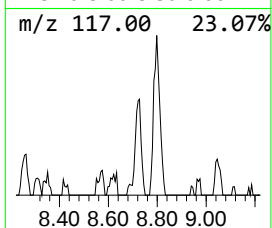
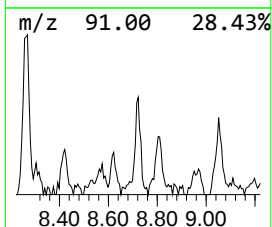
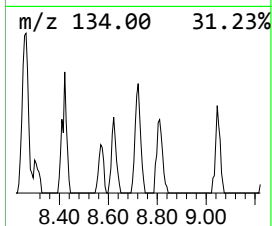
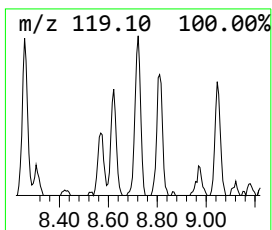
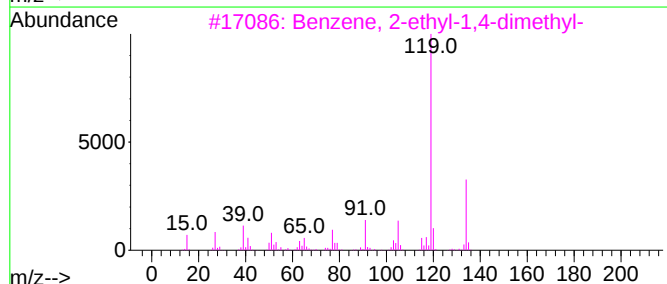
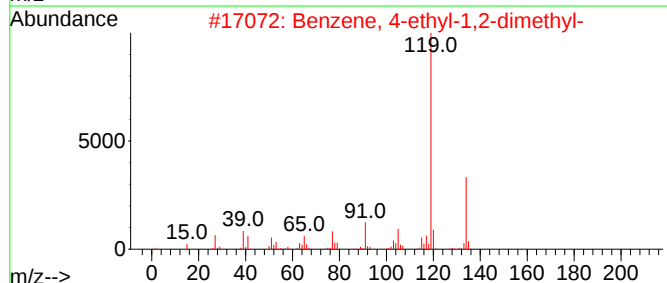
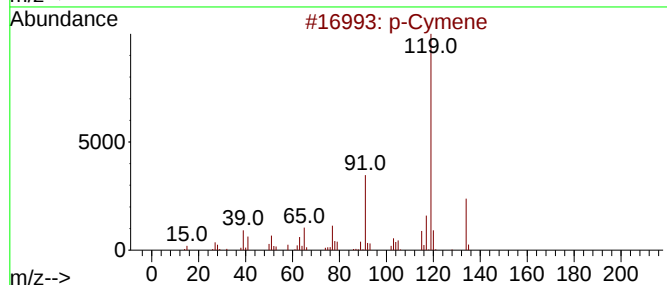
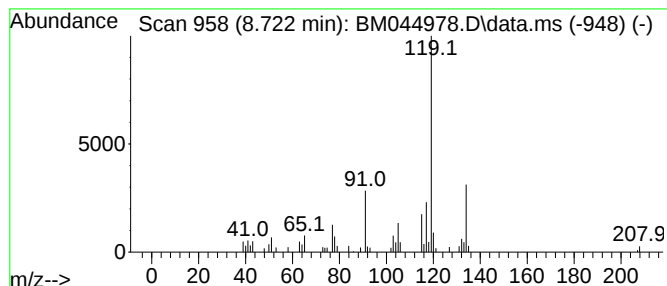
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	2.12 ng/ul	54161	1,4-Dichlorobenzene-d4	7.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		p-Cymene	134	C10H14	000099-87-6	87
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044978.D
Acq On : 06 Apr 2024 19:39
Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-di...	5.304	15.1	ng/ul	385796	1	7.634	510382	20.0
Benzene, 1-chlo...	6.616	10.6	ng/ul	271185	1	7.634	510382	20.0
Benzene, 1-ethy...	7.275	4.3	ng/ul	110685	1	7.634	510382	20.0
Benzene, 1,2,3-...	7.739	12.8	ng/ul	327094	1	7.634	510382	20.0
Benzene, 1-ethy...	8.263	2.6	ng/ul	65871	1	7.634	510382	20.0
Benzene, (1-met...	8.422	2.0	ng/ul	52188	1	7.634	510382	20.0
p-Cymene	8.722	2.1	ng/ul	54161	1	7.634	510382	20.0