LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SOMVLM090920WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	63	70	85	rVB	145484	146275	12.68%	1.167%
2	1.579	144	152	164	rBV	131866	143588	12.45%	1.145%
3	2.122	310	321	349	rVB	261115	402035	34.85%	3.206%
4	2.315	376	381	387	rVB3	691	845	0.07%	0.007%
5	2.547	432	453	471	rBV	72333	148164	12.84%	1.182%
6	2.782	510	526	550	rVV	139680	282623	24.50%	2.254%
7	3.061	598	613	636	rBV	234895	468700	40.63%	3.738%
8	3.254	671	673	678	rVV3	489	409	0.04%	0.003%
9	3.299	684	687	692	rVB2	627	468	0.04%	0.004%
10	3.566	754	770	794	rVV2	18272	51150	4.43%	0.408%
11	3.695	794	810	824	rBV2	13081	33664	2.92%	0.268%
12	3.791	825	840	859	rVB	33067	83307	7.22%	0.664%
13	3.917	867	879	917	rVV2	82634	253877	22.01%	2.025%
14	4.376	1005	1022	1056	rBV	185008	455156	39.46%	3.630%
15	4.704	1112	1124	1139	rBV4	3454	8725	0.76%	0.070%
16	4.791	1143	1151	1152	rBV3	505	504	0.04%	0.004%
17	4.936	1192	1196	1199	rBV3	764	841	0.07%	0.007%
18	5.074	1221	1239	1266	rBV2	451365	1153512	100.00%	9.199%
19	5.209	1279	1281	1288	rVB3	519	335	0.03%	0.003%
20	5.524	1370	1379	1386	rBV6	1182	1428	0.12%	0.011%
21	5.640	1403	1415	1442	rBV	408558	805872	69.86%	6.427%
22	5.929	1494	1505	1522	rBV	18652	36589	3.17%	0.292%
23	6.093	1542	1556	1584	rBV	258078	520367	45.11%	4.150%
24	6.228	1594	1598	1601	rBV3	546	569	0.05%	0.005%
25	6.679	1729	1738	1747	rVV3	1946	3191	0.28%	0.025%
26	6.798	1765	1775	1786	rBV3	3276	6217	0.54%	0.050%
27	6.859	1791	1794	1802	rVB4	642	610	0.05%	0.005%
28	6.945	1817	1821	1829	rVB3	320	340	0.03%	0.003%
29	7.010	1829	1841	1864	rBV	146142	263821	22.87%	2.104%
30	7.158	1882	1887	1894	rBV3	271	319	0.03%	0.003%
31	7.283	1916	1926	1932	rBV3	5233	8984	0.78%	0.072%
32	7.338	1932	1943	1960	rVV	544826	927928	80.44%	7.400%
33	7.415	1961	1967	1983	rVB	12594	23709	2.06%	0.189%
34	7.588	2017	2021	2024	rBV4	548	435	0.04%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SOMVLM090920WMA.M
Title : VOC Analysis

35	7.643	2027	2038	2066	rBV	106188	183391	15.90%	1.462%
36	7.900	2107	2118	2125	rBV5	1128	1684	0.15%	0.013%
37	8.000	2143	2149	2156	rBV5	1218	1605	0.14%	0.013%
38	8.109	2173	2183	2218	rBV	289179	530125	45.96%	4.228%
39	8.813	2398	2402	2406	rBV2	293	285	0.02%	0.002%
40	8.871	2408	2420	2449	rBV	618062	1003076	86.96%	7.999%
41	9.039	2464	2472	2485	rVB2	6501	10258	0.89%	0.082%
42	9.161	2500	2510	2525	rBV	24360	40632	3.52%	0.324%
43	9.235	2525	2533	2542	rVB8	1290	2743	0.24%	0.022%
44	9.495	2609	2614	2621	rVB3	1050	1213	0.11%	0.010%
45	9.569	2626	2637	2653	rBV2	10260	16568	1.44%	0.132%
46	9.730	2684	2687	2694	rVB5	919	912	0.08%	0.007%
47	9.823	2711	2716	2727	rVB4	968	1219	0.11%	0.010%
48	9.871	2727	2731	2733	rBV2	393	313	0.03%	0.002%
49	9.955	2747	2757	2766	rVV	7644	11319	0.98%	0.090%
50	10.042	2777	2784	2792	rBV5	931	1537	0.13%	0.012%
51	10.106	2800	2804	2807	rBV3	539	469	0.04%	0.004%
52	10.148	2808	2817	2827	rVB2	5100	8314	0.72%	0.066%
53	10.238	2833	2845	2864	rBV	341892	530921	46.03%	4.234%
54	10.334	2870	2875	2878	rBV3	517	492	0.04%	0.004%
55	10.376	2878	2888	2903	rVB	44769	68616	5.95%	0.547%
56	10.469	2906	2917	2936	rBV	144728	316541	27.44%	2.524%
57	10.559	2936	2945	2955	rBV	73900	110427	9.57%	0.881%
58	10.717	2984	2994	2999	rVV2	8405	12423	1.08%	0.099%
59	10.759	2999	3007	3029	rVB	52489	81634	7.08%	0.651%
60	10.855	3029	3037	3044	rBV2	1078	1510	0.13%	0.012%
61	10.936	3052	3062	3085	rVB	248584	368229	31.92%	2.937%
62	11.080	3092	3107	3111	rBV3	8359	13791	1.20%	0.110%
63	11.170	3127	3135	3142	rBV4	4438	6429	0.56%	0.051%
64	11.215	3142	3149	3155	rBV2	6454	8262	0.72%	0.066%
65	11.270	3155	3166	3184	rBV	712403	1078333	93.48%	8.599%
66	11.357	3185	3193	3205	rVB	49508	72836	6.31%	0.581%
67	11.485	3228	3233	3239	rVB7	1467	1771	0.15%	0.014%
68	11.563	3245	3257	3261	rBV2	19827	39133	3.39%	0.312%
69	11.595	3262	3267	3273	rVV	53888	77724	6.74%	0.620%
70	11.646	3273	3283	3304	rVB	673611	1133857	98.30%	9.042%
71	11.768	3312	3321	3326	rBV7	1982	2955	0.26%	0.024%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SOMVLM090920WMA.M
Title : VOC Analysis

72	11.810	3326	3334	3338	rBV2	9143	12235	1.06%	0.098%
73	11.842	3339	3344	3361	rVB	16068	24895	2.16%	0.199%
74	11.932	3362	3372	3377	rBV	25996	40250	3.49%	0.321%
75	12.038	3394	3405	3416	rBV	57122	84597	7.33%	0.675%
76	12.183	3430	3450	3466	rVB6	11032	28778	2.49%	0.229%
77	12.280	3466	3480	3487	rBV9	5459	10387	0.90%	0.083%
78	12.337	3490	3498	3508	rVB2	8216	12758	1.11%	0.102%
79	12.434	3508	3528	3536	rBV	33129	53689	4.65%	0.428%
80	12.489	3536	3545	3562	rVB	44933	69125	5.99%	0.551%
81	12.572	3562	3571	3577	rBV2	11636	16993	1.47%	0.136%
82	12.608	3577	3582	3586	rBV2	8492	9404	0.82%	0.075%
83	12.749	3618	3626	3636	rVB3	17160	24687	2.14%	0.197%
84	12.817	3640	3647	3655	rBV4	7073	9847	0.85%	0.079%
85	12.871	3655	3664	3668	rBV3	14075	22296	1.93%	0.178%
86	13.022	3702	3711	3724	rBV	18044	27065	2.35%	0.216%
87	13.109	3735	3738	3740	rBV3	552	420	0.04%	0.003%
88	13.186	3754	3762	3773	rBV4	3019	4665	0.40%	0.037%
89	13.241	3774	3779	3783	rVB5	1175	1114	0.10%	0.009%
90	13.292	3785	3795	3801	rBV4	29973	48947	4.24%	0.390%
91	13.386	3821	3824	3826	rBV2	526	387	0.03%	0.003%
92	13.421	3829	3835	3846	rVB	13093	18323	1.59%	0.146%
93	13.530	3861	3869	3878	rBV	12699	18287	1.59%	0.146%
94	13.678	3912	3915	3920	rVB3	446	361	0.03%	0.003%
95	13.746	3925	3936	3940	rBV5	3393	6284	0.54%	0.050%
96	13.932	3986	3994	4008	rBV4	5840	8645	0.75%	0.069%
97	14.058	4029	4033	4034	rBV2	467	326	0.03%	0.003%
98	14.119	4043	4052	4063	rBV4	2513	4791	0.42%	0.038%
99	14.257	4088	4095	4103	rBV	2317	2971	0.26%	0.024%
100	14.318	4109	4114	4123	rVB5	761	931	0.08%	0.007%

Sum of corrected areas: 12539562

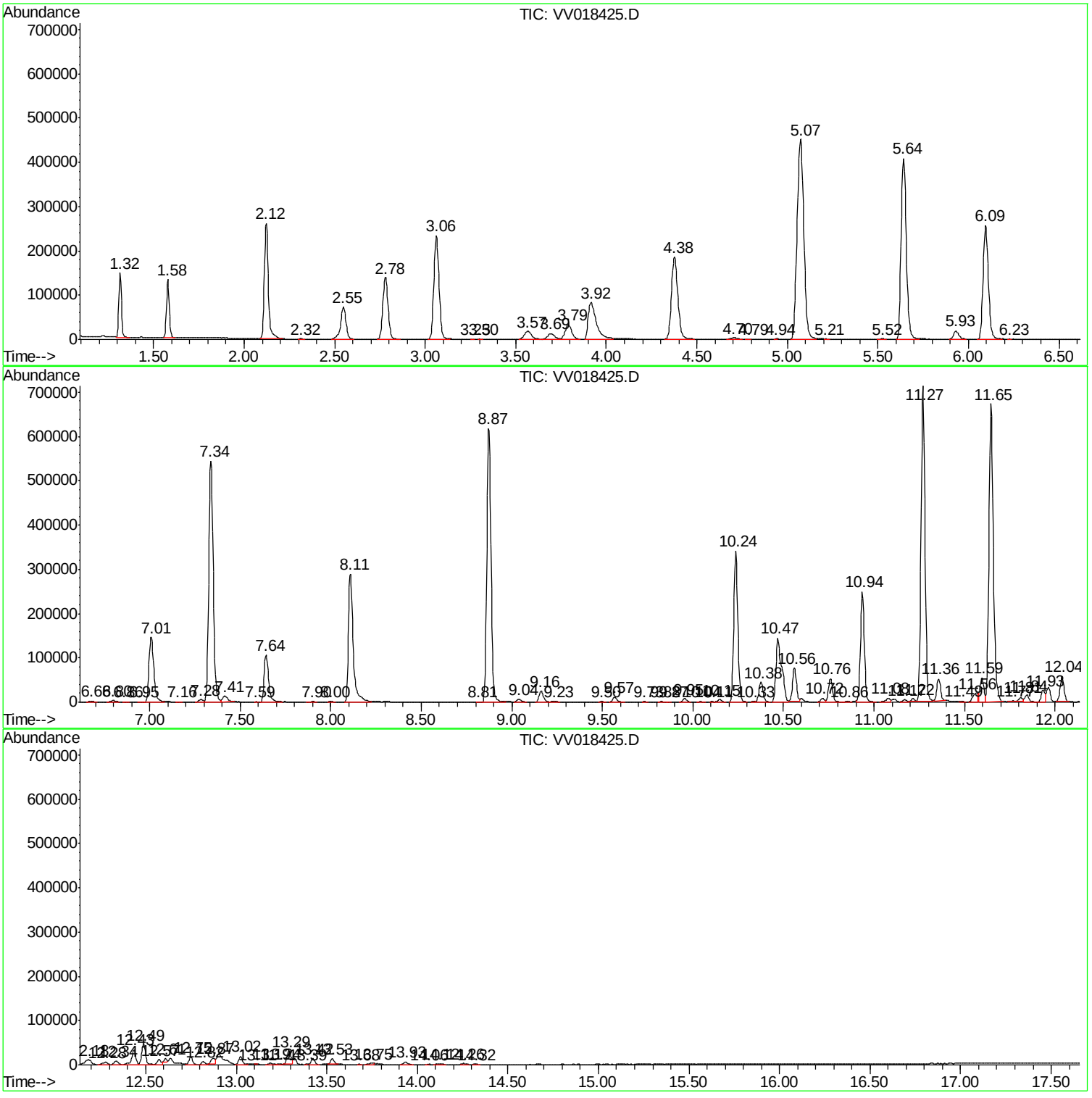
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

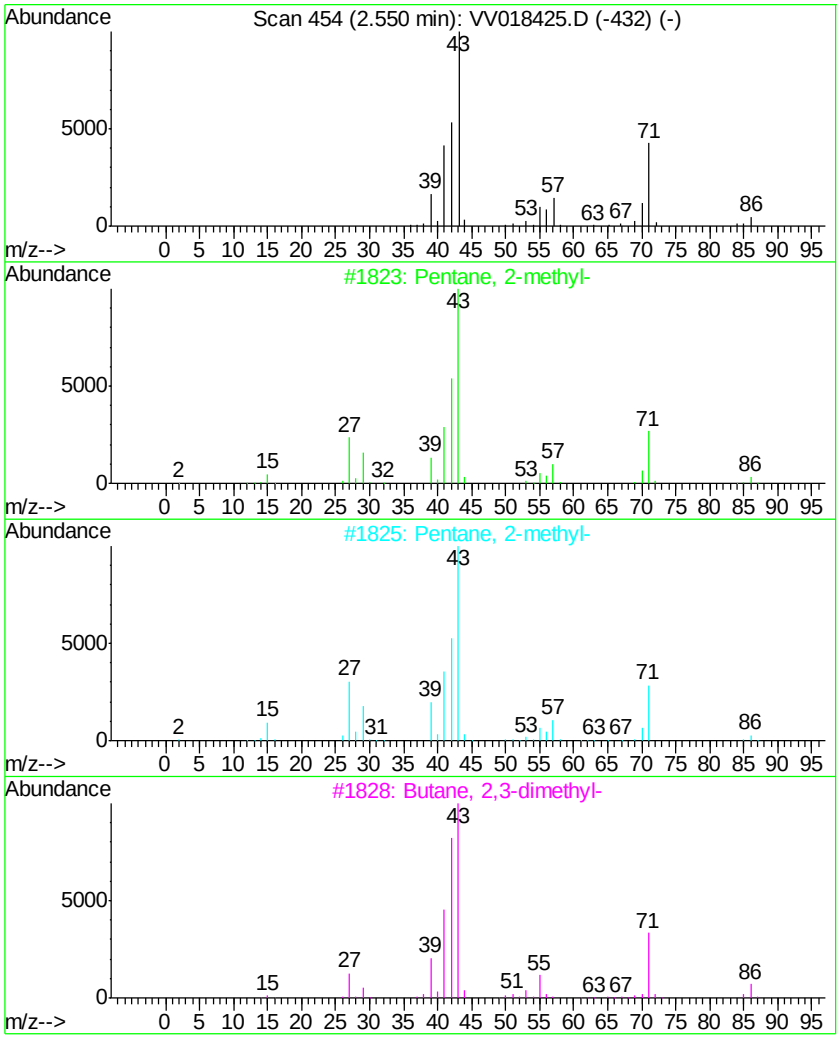
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

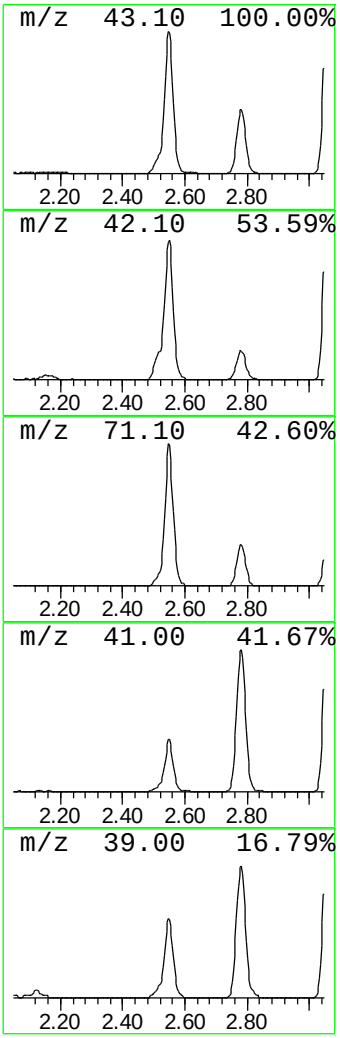
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	9.19 ug/L	148164	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

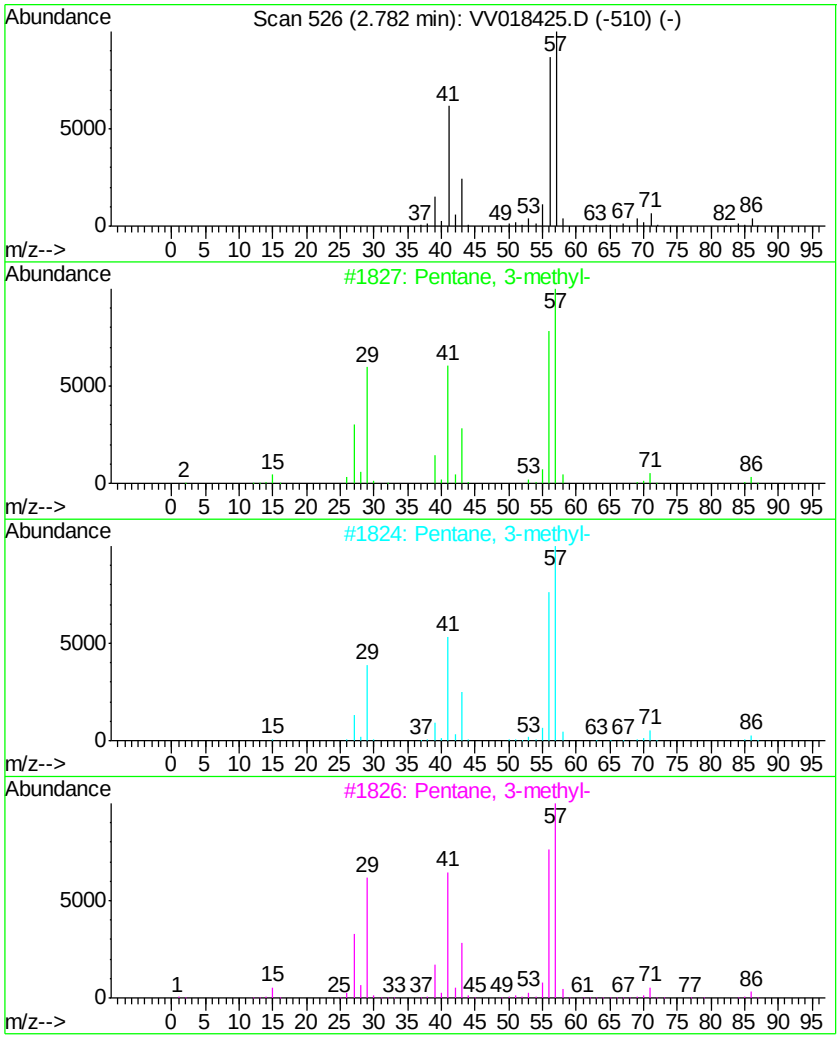
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

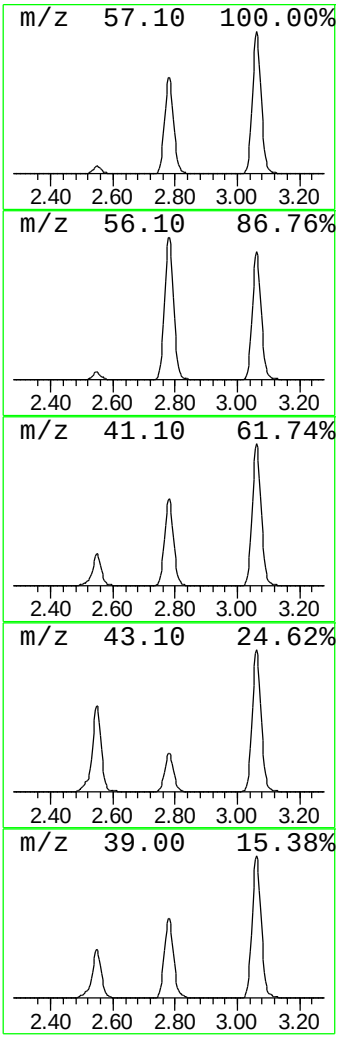
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	17.54 ug/L	282623	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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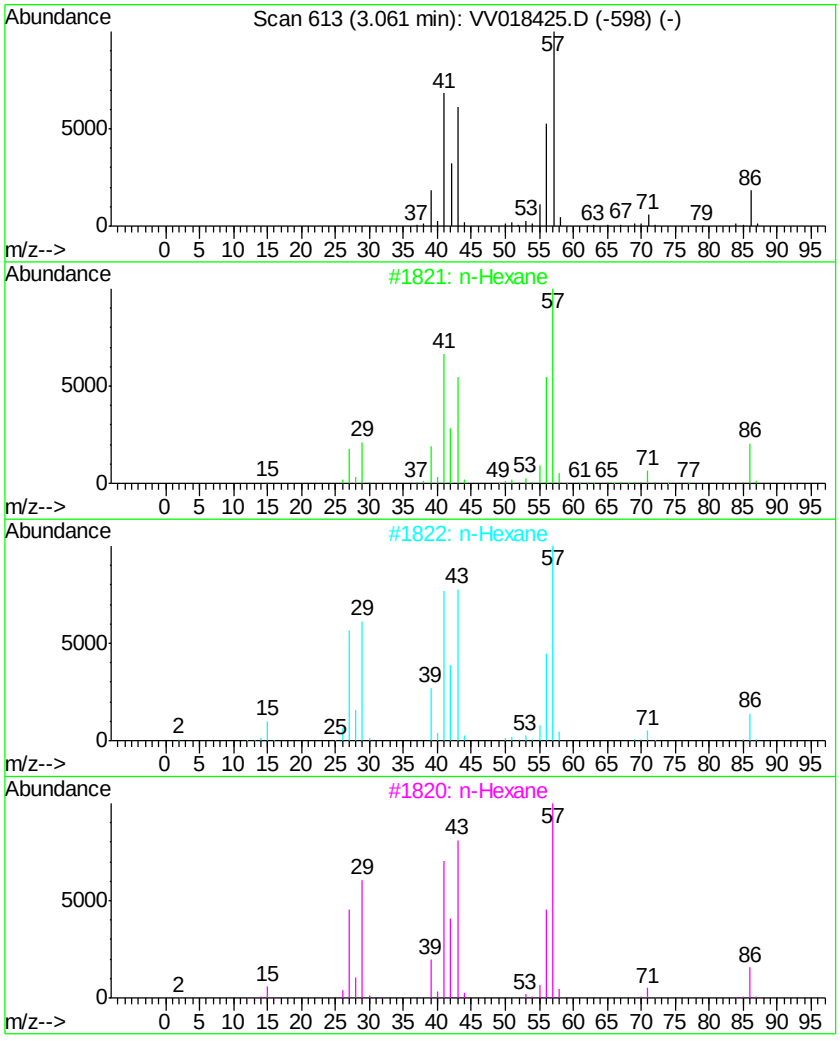
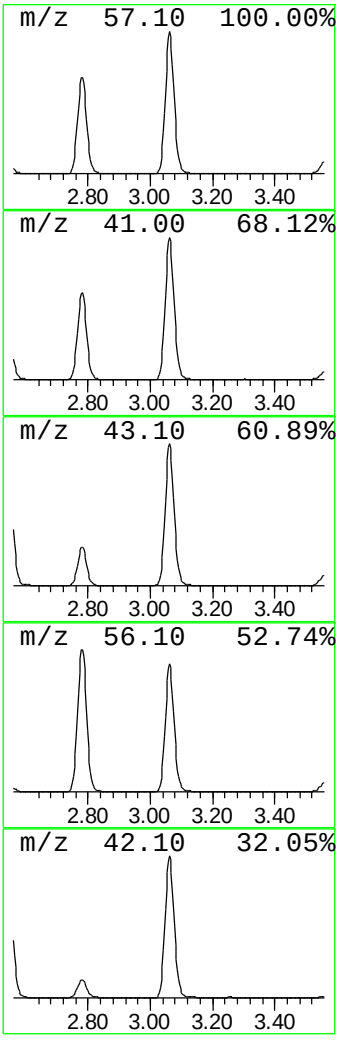
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	29.08 ug/L	468700	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	53
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

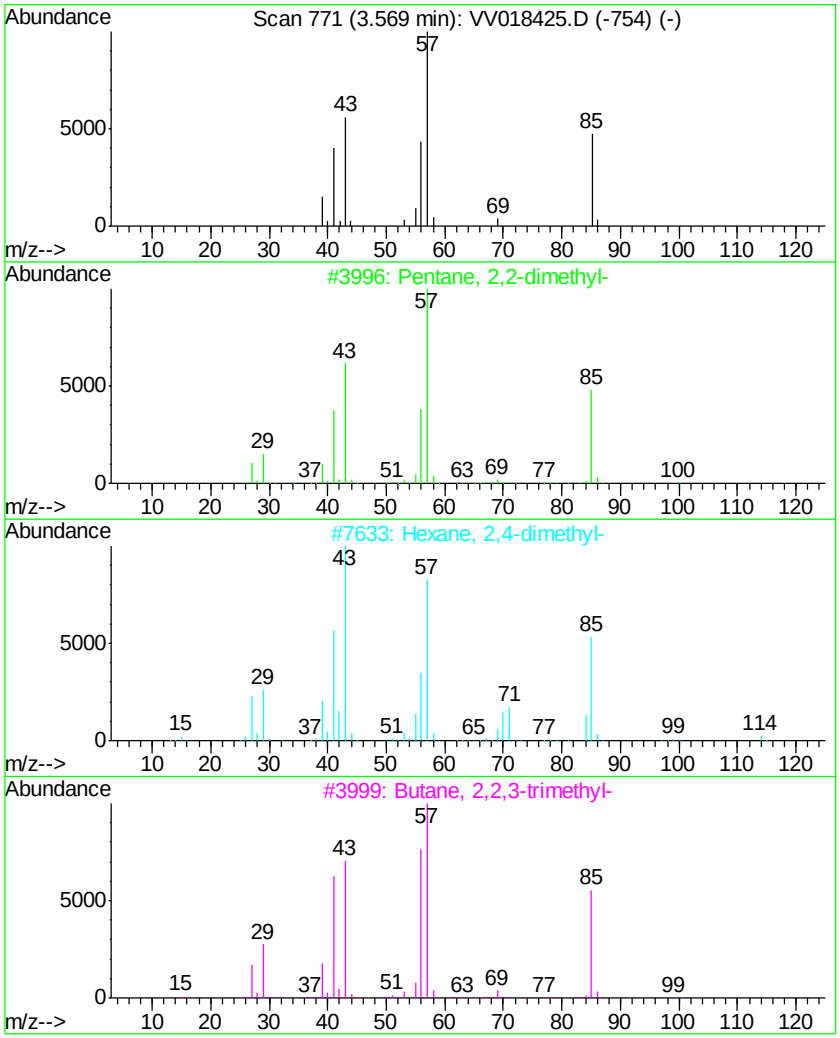
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

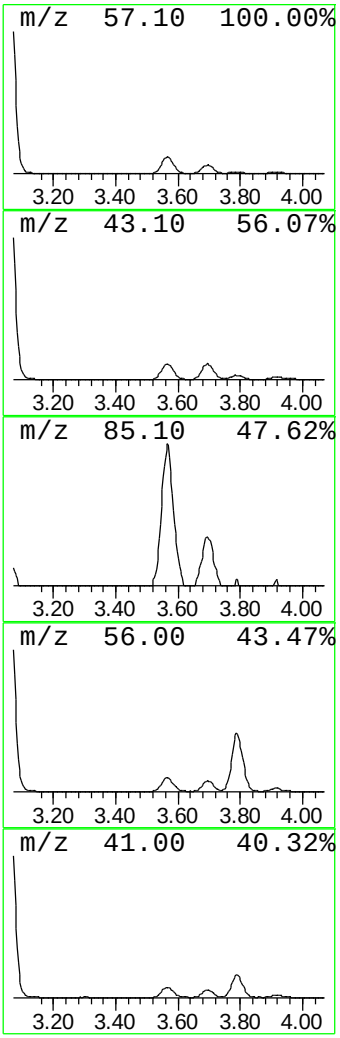
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	3.17 ug/L	51150	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

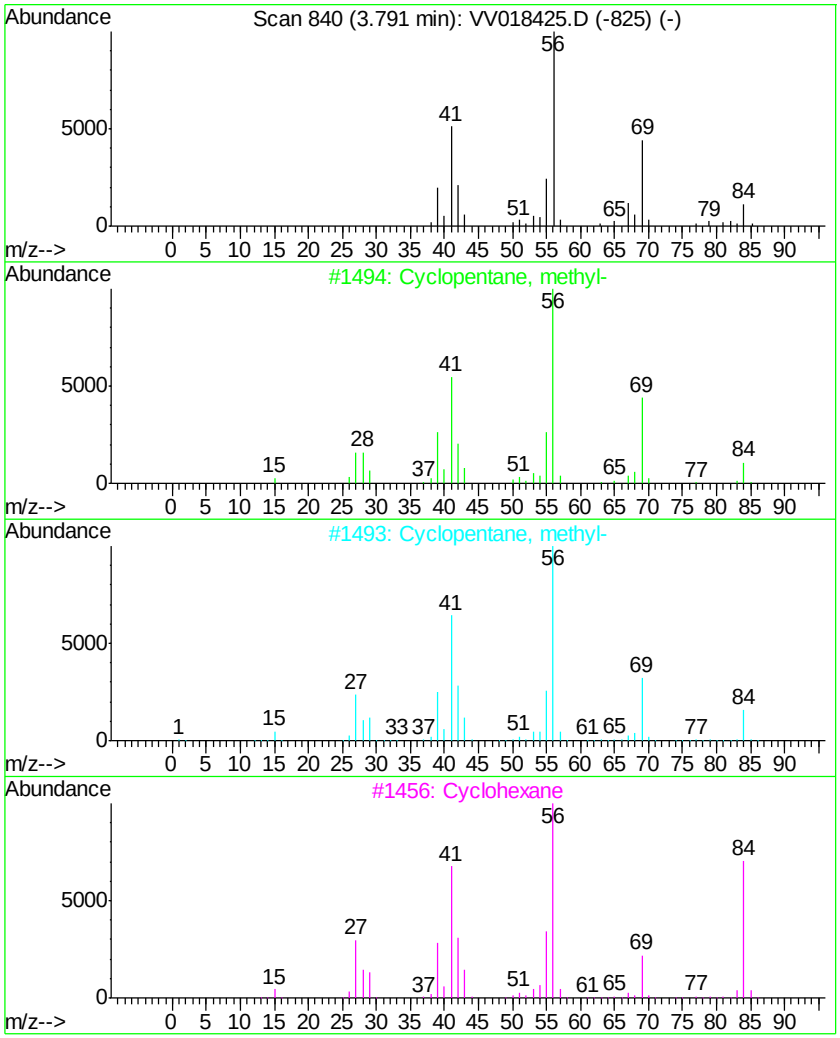
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

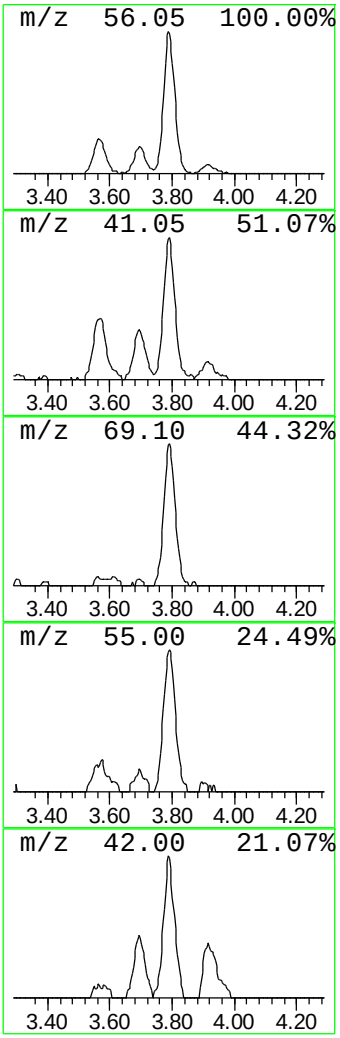
****

Peak Number 5 (DEL) Alkane: Cyclic3.79 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	5.17 ug/L	83307	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclohexane	84	C6H12	000110-82-7	80
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclohexane	84	C6H12	000110-82-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

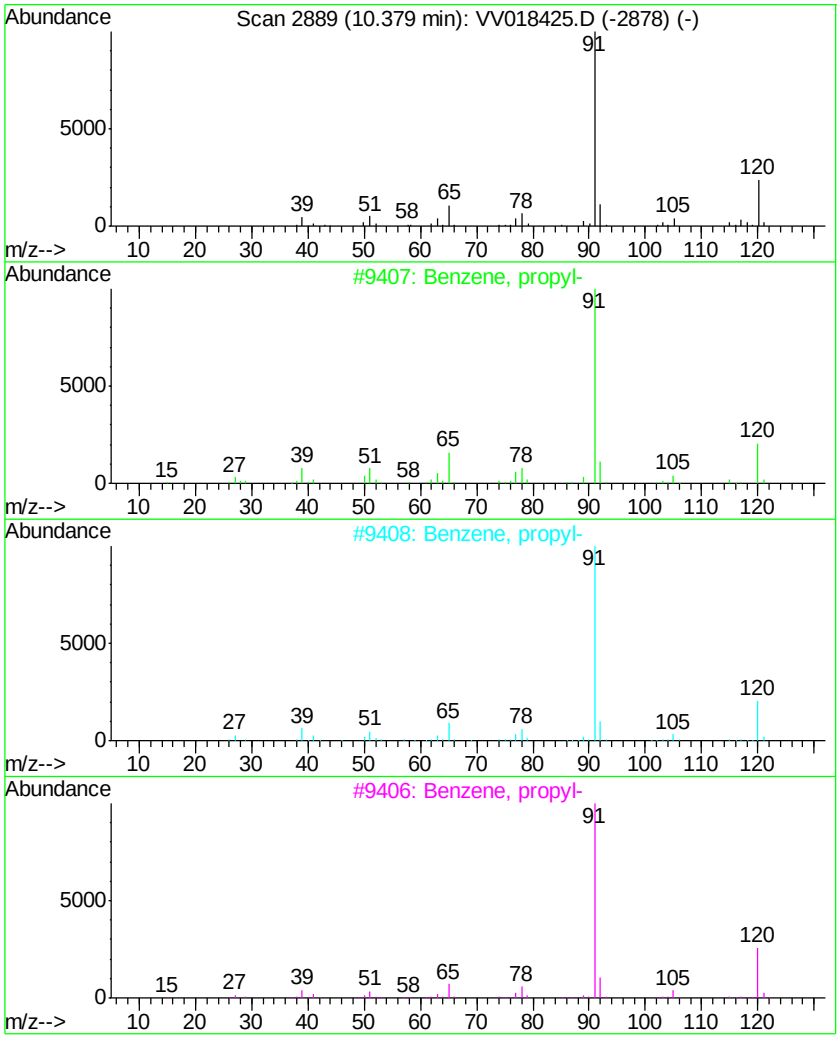
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

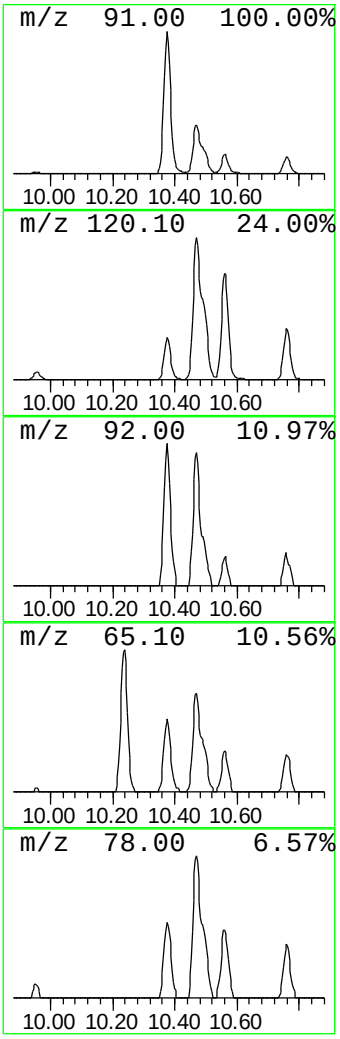
****

Peak Number 7 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	3.18 ug/L	68616	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

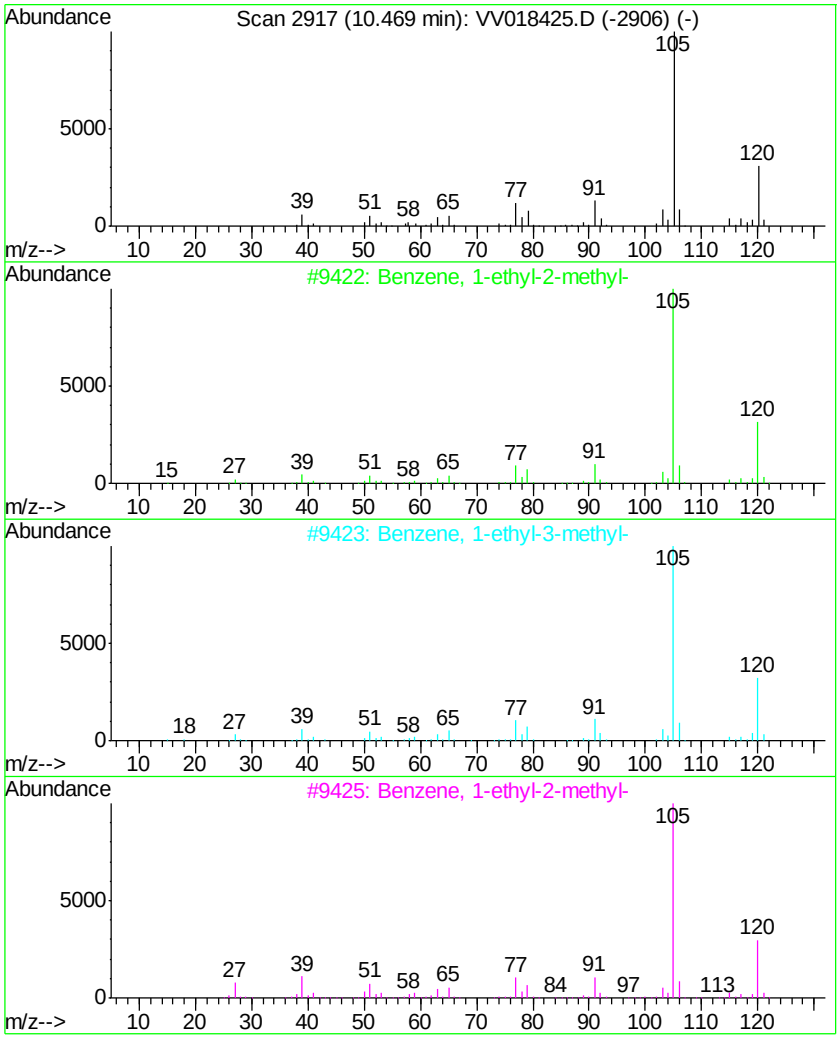
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

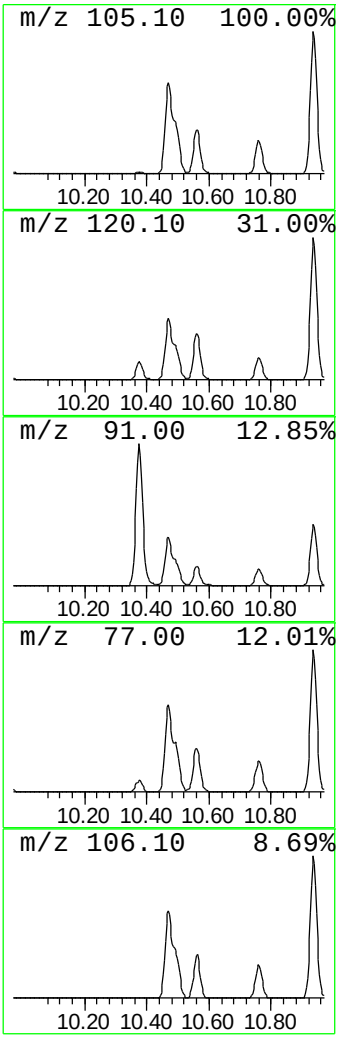
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	14.68 ug/L	316541	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

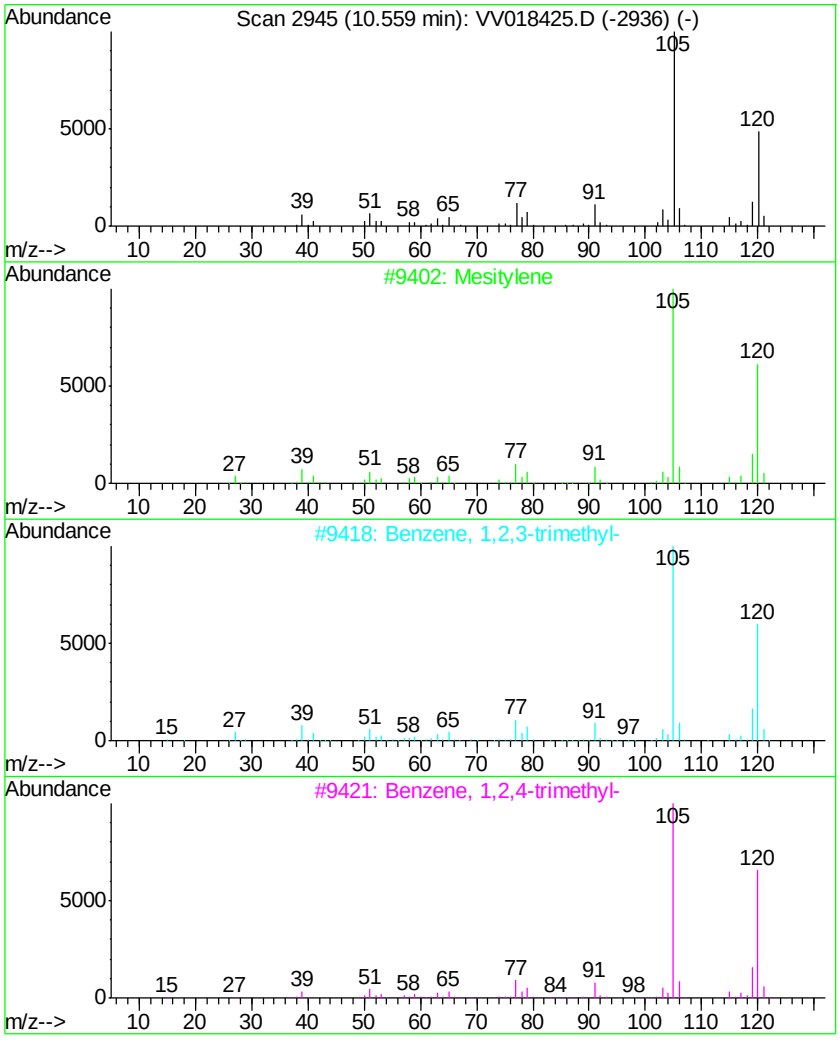
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

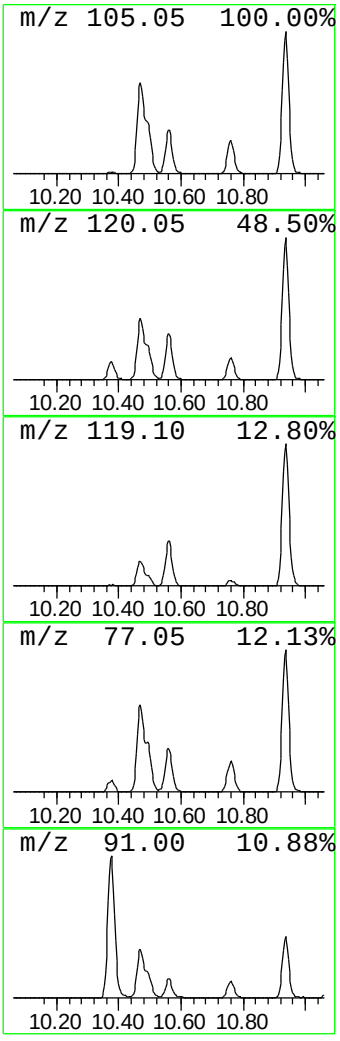
****

Peak Number 9 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	5.12 ug/L	110427	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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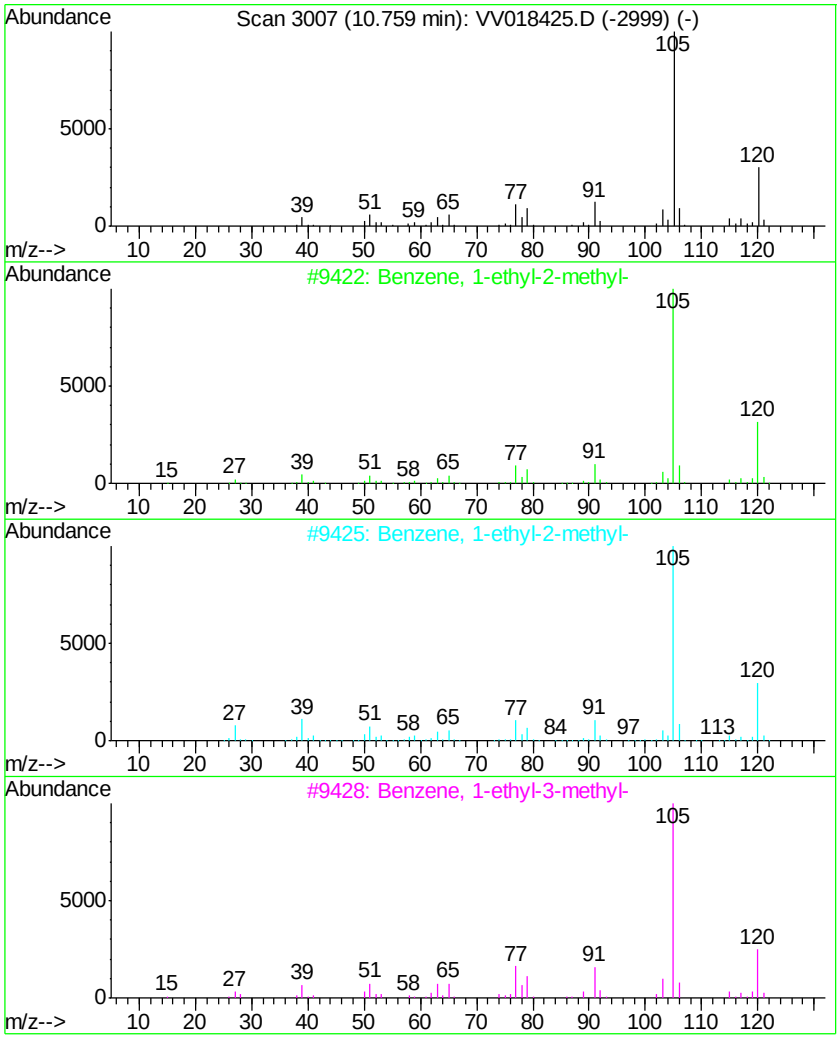
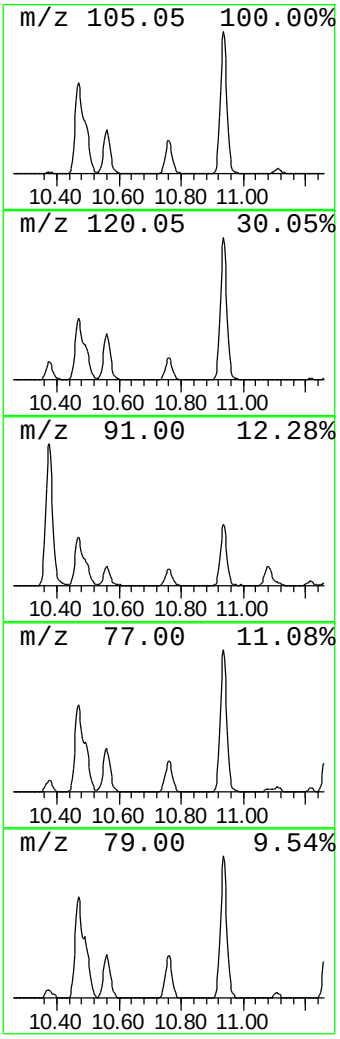
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.79 ug/L	81634	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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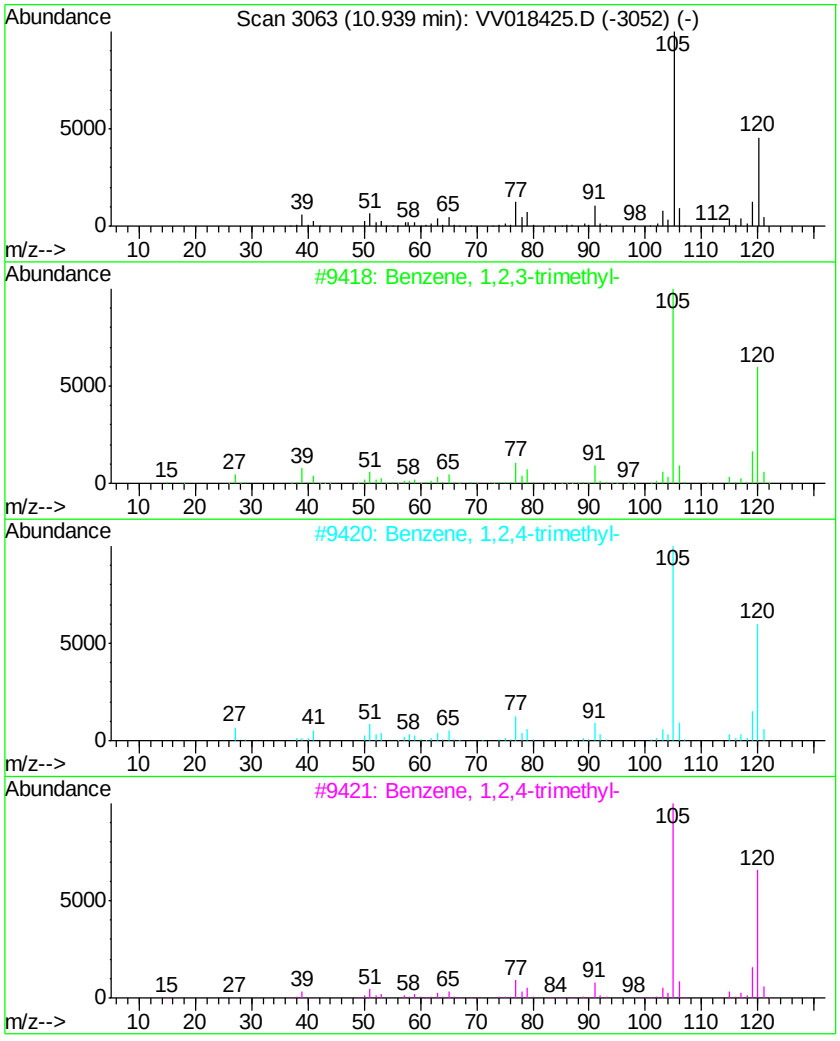
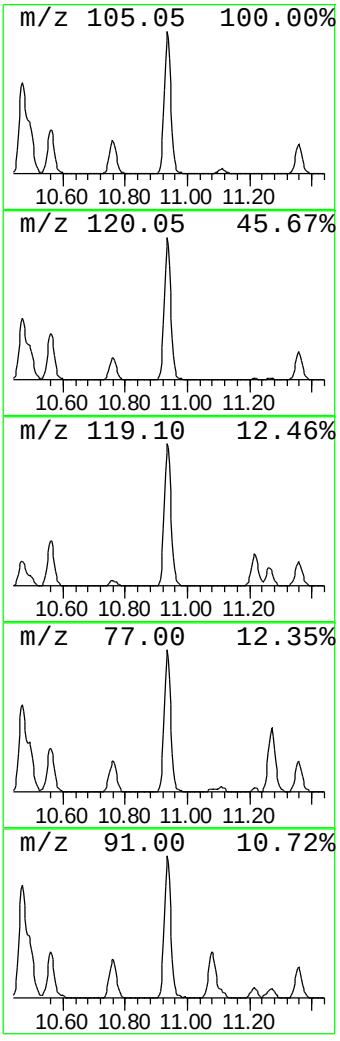
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	17.07 ug/L	368229	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

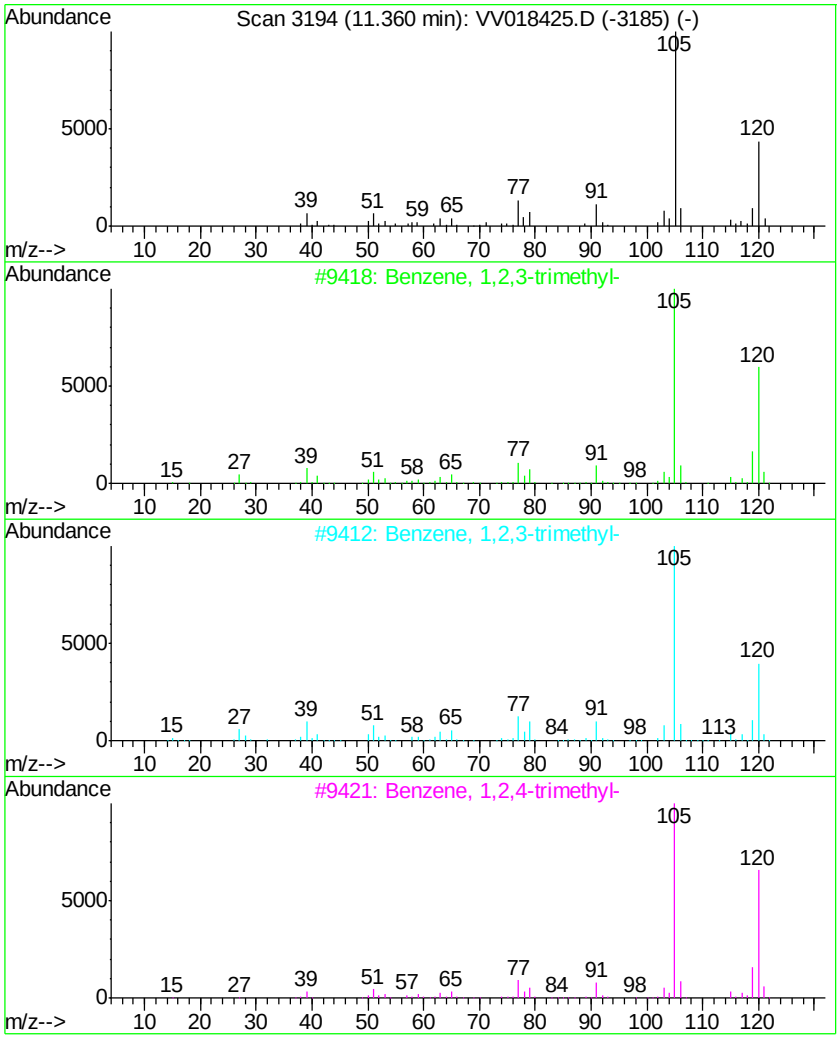
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

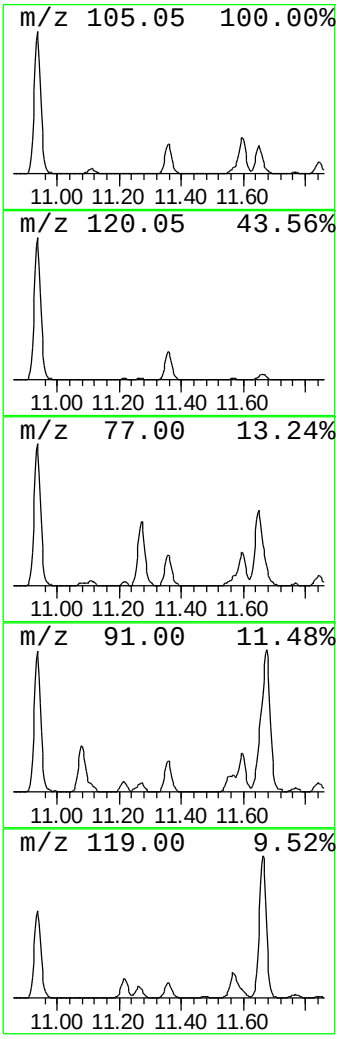
****

Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	3.38 ug/L	72836	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

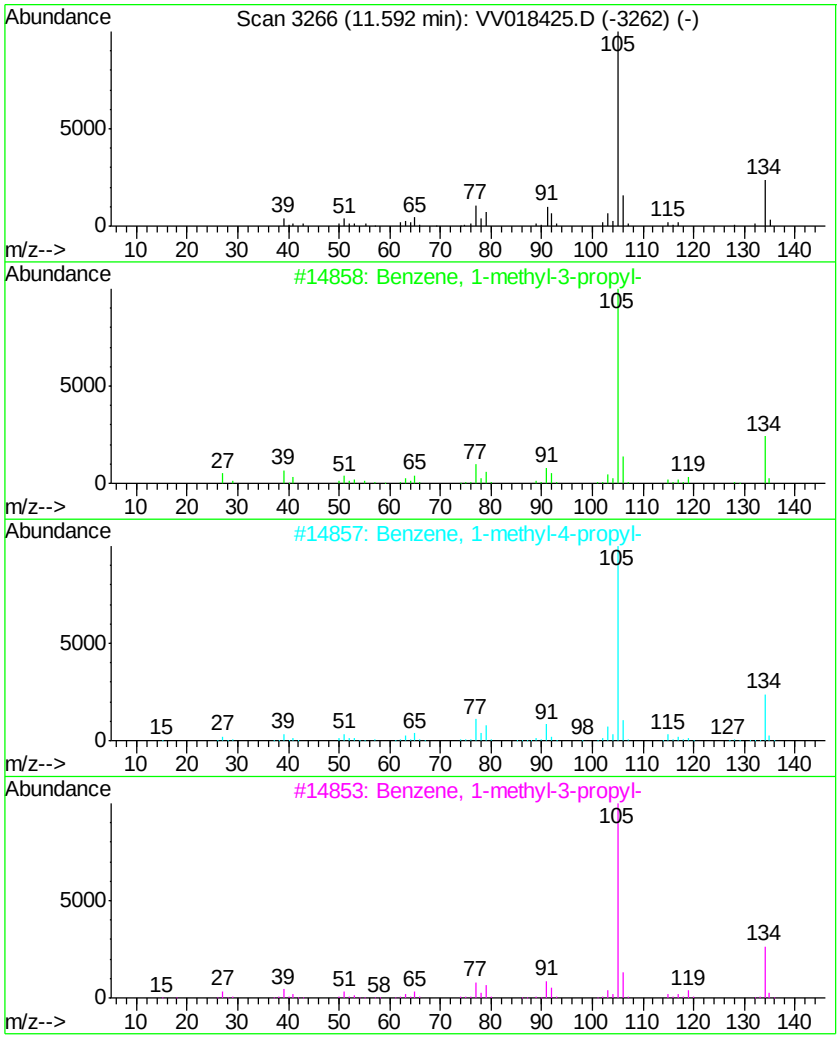
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

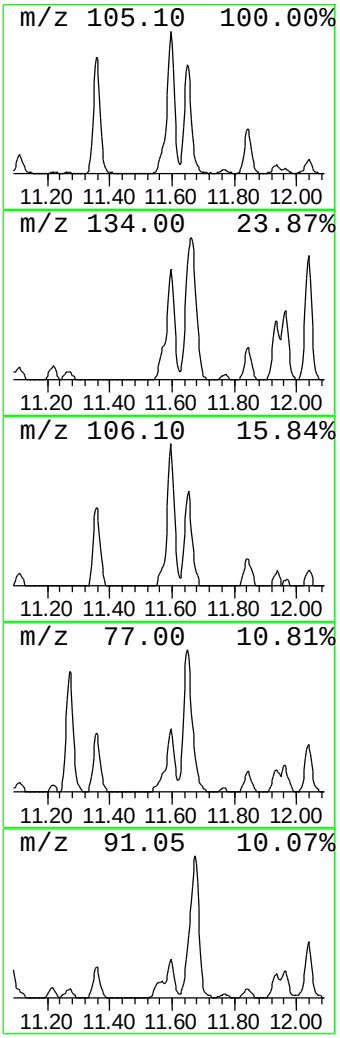
****

Peak Number 13 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	3.60 ug/L	77724	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

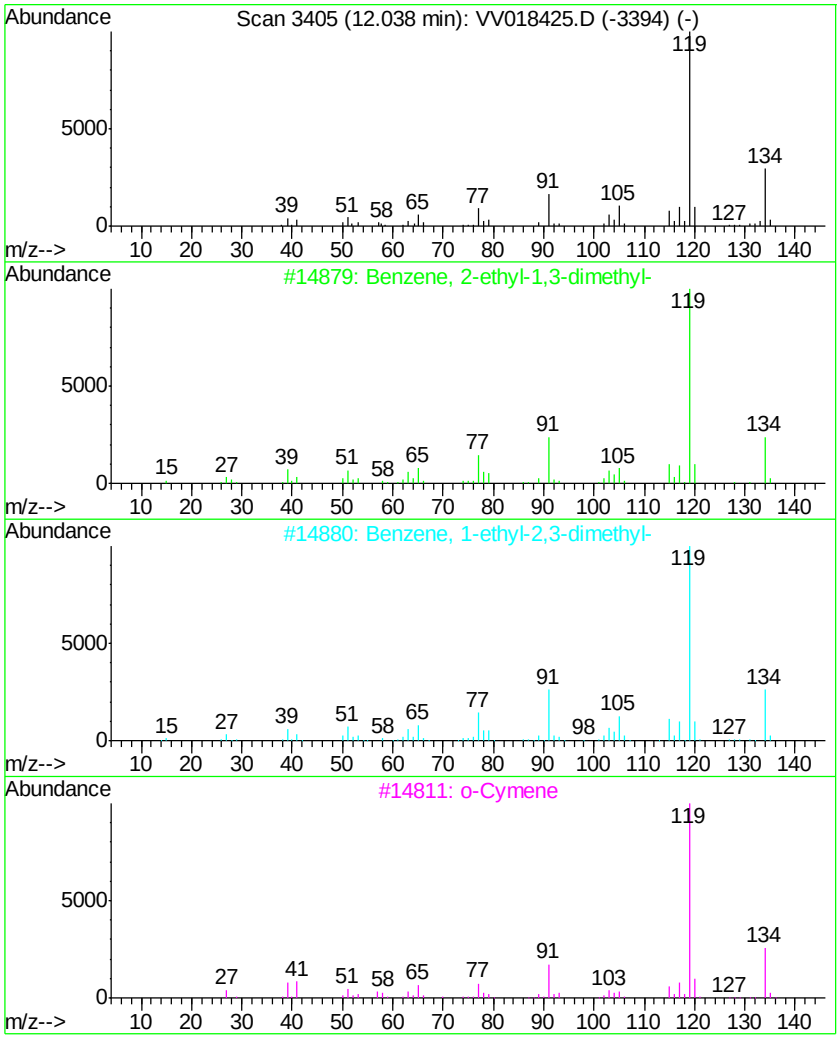
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

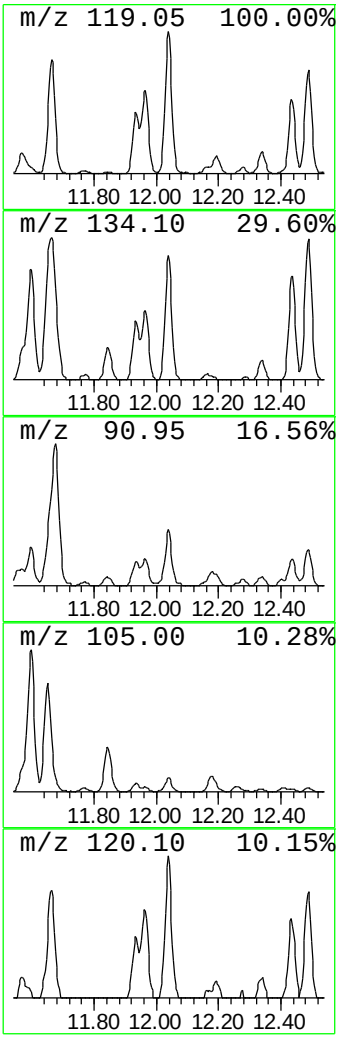
****

Peak Number 14 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.92 ug/L	84597	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

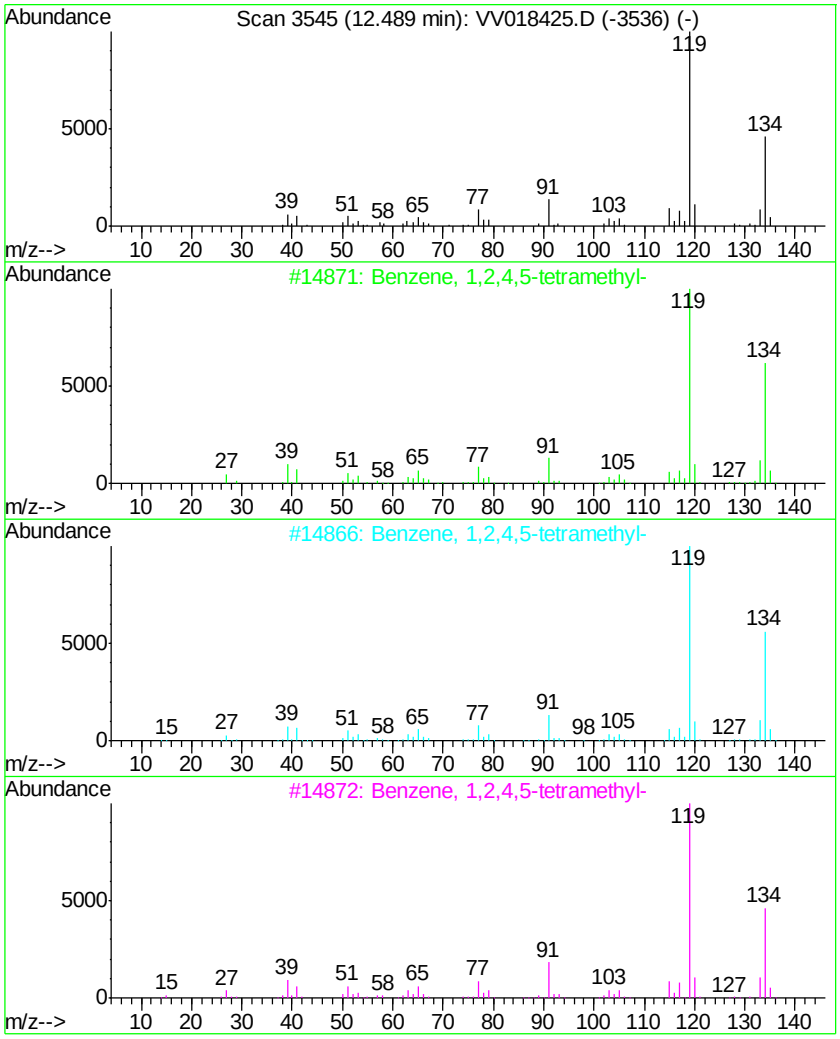
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

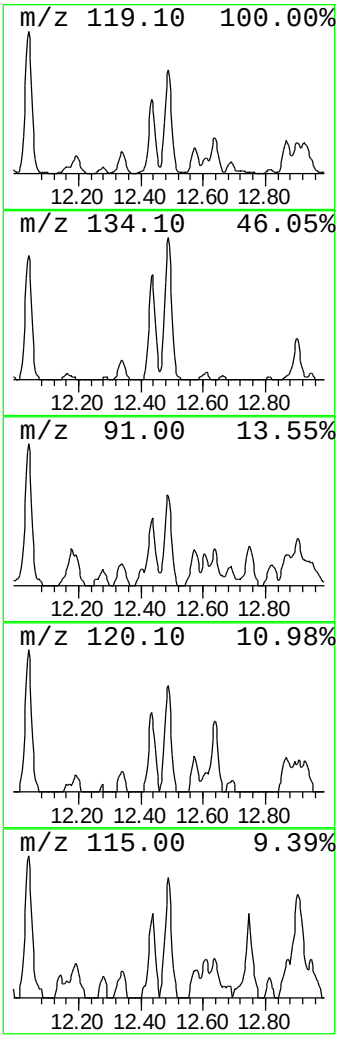
****

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.21 ug/L	69125	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.55	9.2	ug/L	148164	1	5.64	805872	50.0
(DEL) Alkane: Str...	2.78	17.5	ug/L	282623	1	5.64	805872	50.0
(DEL) Alkane: Str...	3.06	29.1	ug/L	468700	1	5.64	805872	50.0
(DEL) Alkane: Str...	3.57	3.2	ug/L	51150	1	5.64	805872	50.0
(DEL) Alkane: Cyc...	3.79	5.2	ug/L	83307	1	5.64	805872	50.0
Benzene, propyl-	10.38	3.2	ug/L	68616	3	11.27	1078330	50.0
Benzene, 1-ethyl-...	10.47	14.7	ug/L	316541	3	11.27	1078330	50.0
Mesitylene	10.56	5.1	ug/L	110427	3	11.27	1078330	50.0
Benzene, 1-ethyl-...	10.76	3.8	ug/L	81634	3	11.27	1078330	50.0
Benzene, 1,2,3-tr...	10.94	17.1	ug/L	368229	3	11.27	1078330	50.0
Benzene, 1,2,4-tr...	11.36	3.4	ug/L	72836	3	11.27	1078330	50.0
Benzene, 1-methyl...	11.59	3.6	ug/L	77724	3	11.27	1078330	50.0
Benzene, 2-ethyl-...	12.04	3.9	ug/L	84597	3	11.27	1078330	50.0
Benzene, 1,2,4,5-...	12.49	3.2	ug/L	69125	3	11.27	1078330	50.0