LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

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_U\METHOD\SOMULM122018WMA.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	1.322	42	46	61	rVB	4847	5545	0.01%	0.008%
2	1.396	62	69	82	rBV	96817	107089	0.28%	0.148%
3	1.640	140	145	152	rBV	63567	67010	0.18%	0.093%
4	2.023	261	264	265	rBV	443	208	0.00%	0.000%
5	2.235	319	330	345	rBV	152376	231808	0.62%	0.321%
6	2.344	358	364	374	rVB5	907	1759	0.00%	0.002%
7	2.441	390	394	403	rVB2	715	749	0.00%	0.001%
8	2.531	419	422	426	rVB2	225	182	0.00%	0.000%
9	2.630	444	453	463	rBV2	1378	2928	0.01%	0.004%
10	2.685	464	470	479	rVB3	1741	2655	0.01%	0.004%
11	2.775	494	498	501	rBV	392	325	0.00%	0.000%
12	2.830	504	515	529	rVB2	4359	8766	0.02%	0.012%
13	2.958	550	555	565	rVB2	858	1371	0.00%	0.002%
14	3.023	572	575	579	rBV	239	204	0.00%	0.000%
15	3.273	646	653	663	rVB2	1682	2996	0.01%	0.004%
16	3.344	670	675	681	rBV2	381	525	0.00%	0.001%
17	3.431	689	702	715	rBV	9328	20120	0.05%	0.028%
18	3.810	816	820	823	rBV	226	184	0.00%	0.000%
19	4.196	923	940	990	rBV3	60726	229515	0.61%	0.318%
20	4.482	1024	1029	1034	rBV	154	213	0.00%	0.000%
21	4.643	1062	1079	1102	rBV	106789	260544	0.69%	0.361%
22	4.878	1147	1152	1153	rBV2	420	279	0.00%	0.000%
23	5.203	1250	1253	1254	rBV3	460	288	0.00%	0.000%
24	5.328	1269	1292	1321	rBV2	248018	696464	1.85%	0.965%
25	5.531	1348	1355	1358	rBV3	504	521	0.00%	0.001%
26	5.614	1370	1381	1382	rBV6	1415	1868	0.00%	0.003%
27	5.666	1394	1397	1401	rBV	309	241	0.00%	0.000%
28	5.775	1423	1431	1443	rBV6	1477	2720	0.01%	0.004%
29	5.881	1450	1464	1493	rBV	251208	507565	1.35%	0.703%
30	6.016	1503	1506	1511	rBV3	293	241	0.00%	0.000%
31	6.064	1516	1521	1525	rVB3	396	386	0.00%	0.001%
32	6.151	1528	1548	1570	rBV	440547	1006958	2.67%	1.395%
33	6.325	1588	1602	1620	rBV	152258	316346	0.84%	0.438%
34	6.463	1632	1645	1667	rVB	161731	328813	0.87%	0.456%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

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_U\METHOD\SOMULM122018WMA.M
Title : VOC Analysis

35	6.543	1667	1670	1673	rBV2	500	245	0.00%	0.000%
36	6.662	1694	1707	1718	rBV7	3398	8178	0.02%	0.011%
37	6.817	1747	1755	1763	rBV2	1659	2849	0.01%	0.004%
38	6.897	1769	1780	1783	rBV5	1254	1845	0.00%	0.003%
39	7.109	1835	1846	1857	rVB	7052	12174	0.03%	0.017%
40	7.174	1857	1866	1871	rBV5	1129	2099	0.01%	0.003%
41	7.225	1871	1882	1906	rVB	89835	170959	0.45%	0.237%
42	7.341	1912	1918	1927	rVB4	1177	1739	0.00%	0.002%
43	7.392	1930	1934	1940	rVB2	219	173	0.00%	0.000%
44	7.440	1946	1949	1956	rVB3	256	187	0.00%	0.000%
45	7.476	1956	1960	1961	rBV	481	318	0.00%	0.000%
46	7.485	1961	1963	1965	rBV2	385	205	0.00%	0.000%
47	7.563	1970	1987	1999	rVV	323875	593730	1.58%	0.823%
48	7.633	1999	2009	2038	rVB	243182	447758	1.19%	0.620%
49	7.849	2056	2076	2102	rVV	58071	125000	0.33%	0.173%
50	8.042	2129	2136	2144	rVB2	968	1499	0.00%	0.002%
51	8.077	2144	2147	2152	rVB2	184	183	0.00%	0.000%
52	8.125	2159	2162	2164	rBV2	317	196	0.00%	0.000%
53	8.145	2164	2168	2169	rBV2	523	363	0.00%	0.001%
54	8.225	2186	2193	2206	rVB5	5629	8667	0.02%	0.012%
55	8.321	2210	2223	2247	rBV	247191	460742	1.22%	0.638%
56	8.450	2253	2263	2269	rBV3	4284	8351	0.02%	0.012%
57	8.601	2301	2310	2322	rBV7	3845	8970	0.02%	0.012%
58	8.707	2340	2343	2344	rBV	321	177	0.00%	0.000%
59	8.746	2350	2355	2357	rBV	1393	1231	0.00%	0.002%
60	8.810	2365	2375	2381	rBV5	9185	15910	0.04%	0.022%
61	8.907	2397	2405	2419	rVB3	58163	98541	0.26%	0.137%
62	8.968	2419	2424	2428	rBV3	823	880	0.00%	0.001%
63	9.029	2431	2443	2452	rBV	58508	95716	0.25%	0.133%
64	9.090	2452	2462	2481	rVB	365571	644723	1.71%	0.893%
65	9.251	2498	2512	2535	rBV	5886124	9747073	25.87%	13.507%
66	9.382	2537	2553	2566	rBV	22497394	37674033	100.00%	52.206%
67	9.566	2601	2610	2622	rVB5	6427	12199	0.03%	0.017%
68	9.620	2625	2627	2628	rBV2	520	214	0.00%	0.000%
69	9.653	2629	2637	2643	rBV4	5771	9145	0.02%	0.013%
70	9.717	2647	2657	2663	rBV5	26380	45205	0.12%	0.063%
71	9.781	2663	2677	2701	rVB	9197535	14823883	39.35%	20.542%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

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_U\METHOD\SOMULM122018WMA.M
Title : VOC Analysis

72	9.948	2711	2729	2739	rBV5	41104	80883	0.21%	0.112%
73	10.042	2743	2758	2767	rBV3	37952	74393	0.20%	0.103%
74	10.167	2785	2797	2808	rBV	124754	203293	0.54%	0.282%
75	10.434	2869	2880	2892	rBV	265495	466065	1.24%	0.646%
76	10.588	2919	2928	2936	rBV	39105	59933	0.16%	0.083%
77	10.681	2949	2957	2972	rBV	72616	156659	0.42%	0.217%
78	10.771	2973	2985	2990	rVV2	53015	107196	0.28%	0.149%
79	10.810	2991	2997	3009	rVB	152188	220866	0.59%	0.306%
80	10.971	3039	3047	3055	rBV2	27868	47838	0.13%	0.066%
81	11.112	3084	3091	3095	rBV	24556	33955	0.09%	0.047%
82	11.148	3095	3102	3115	rVB	123624	186939	0.50%	0.259%
83	11.273	3129	3141	3144	rBV6	10487	16752	0.04%	0.023%
84	11.395	3172	3179	3184	rBV5	15771	22970	0.06%	0.032%
85	11.485	3196	3207	3219	rBV	452796	706460	1.88%	0.979%
86	11.572	3226	3234	3242	rBV	52902	73917	0.20%	0.102%
87	11.781	3289	3299	3302	rBV6	9843	16334	0.04%	0.023%
88	11.861	3313	3324	3350	rVB	391963	653269	1.73%	0.905%
89	12.022	3367	3374	3381	rBV	38631	51003	0.14%	0.071%
90	12.148	3407	3413	3416	rBV2	7534	8563	0.02%	0.012%
91	12.363	3471	3480	3483	rBV5	5818	9045	0.02%	0.013%
92	12.611	3550	3557	3563	rBV6	7673	12068	0.03%	0.017%
93	12.704	3580	3586	3602	rVB7	11053	22703	0.06%	0.031%
94	12.784	3607	3611	3617	rBV7	2631	3141	0.01%	0.004%
95	13.035	3683	3689	3696	rBV8	2173	3124	0.01%	0.004%
96	13.083	3697	3704	3709	rVV7	7468	10822	0.03%	0.015%
97	13.122	3710	3716	3732	rVB4	14083	25028	0.07%	0.035%
98	13.231	3747	3750	3751	rBV2	1765	939	0.00%	0.001%
99	13.746	3901	3910	3920	rBV	23901	39014	0.10%	0.054%
100	15.064	4313	4320	4336	rVB5	8928	17708	0.05%	0.025%

Sum of corrected areas: 72163626

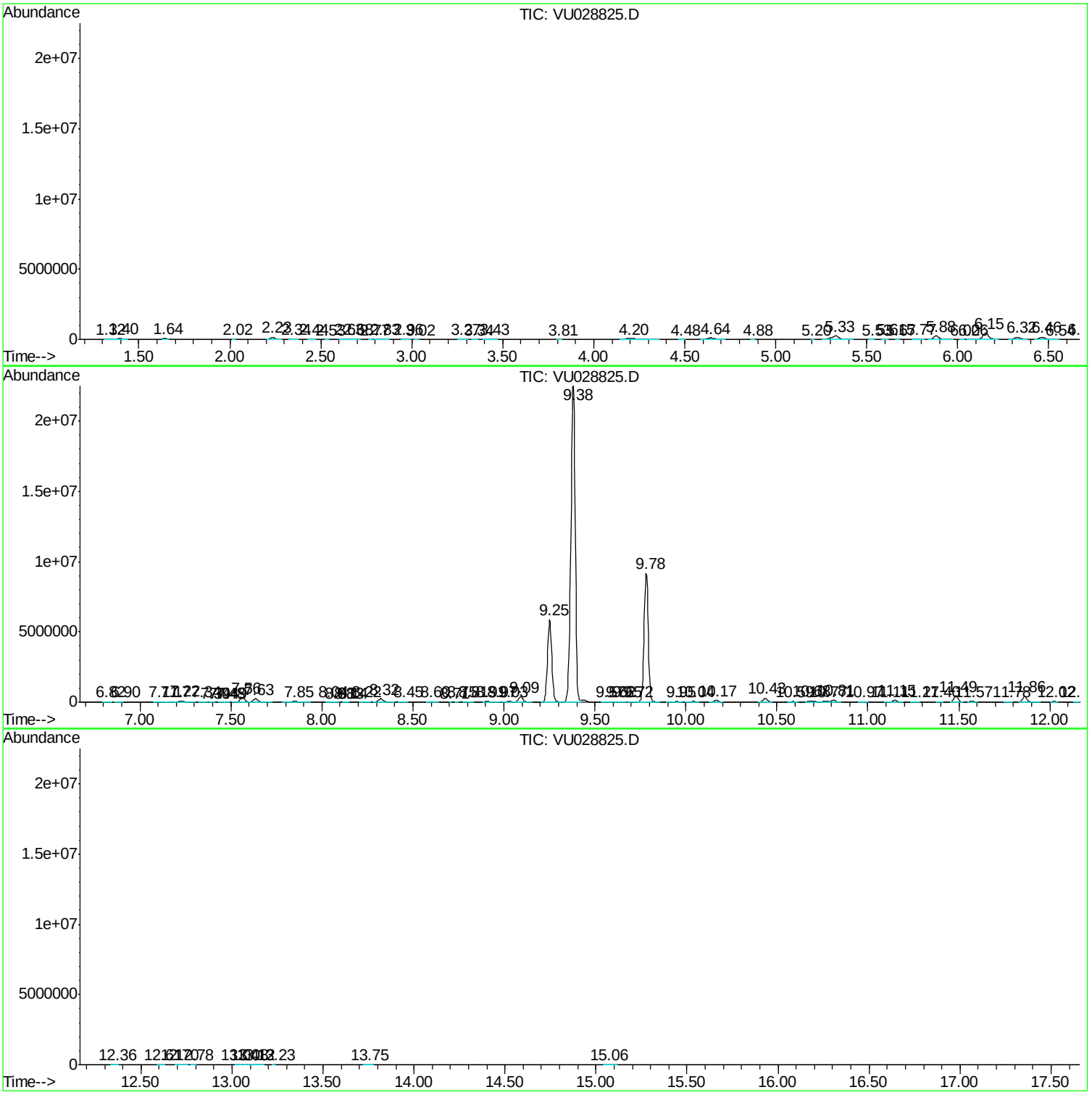
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

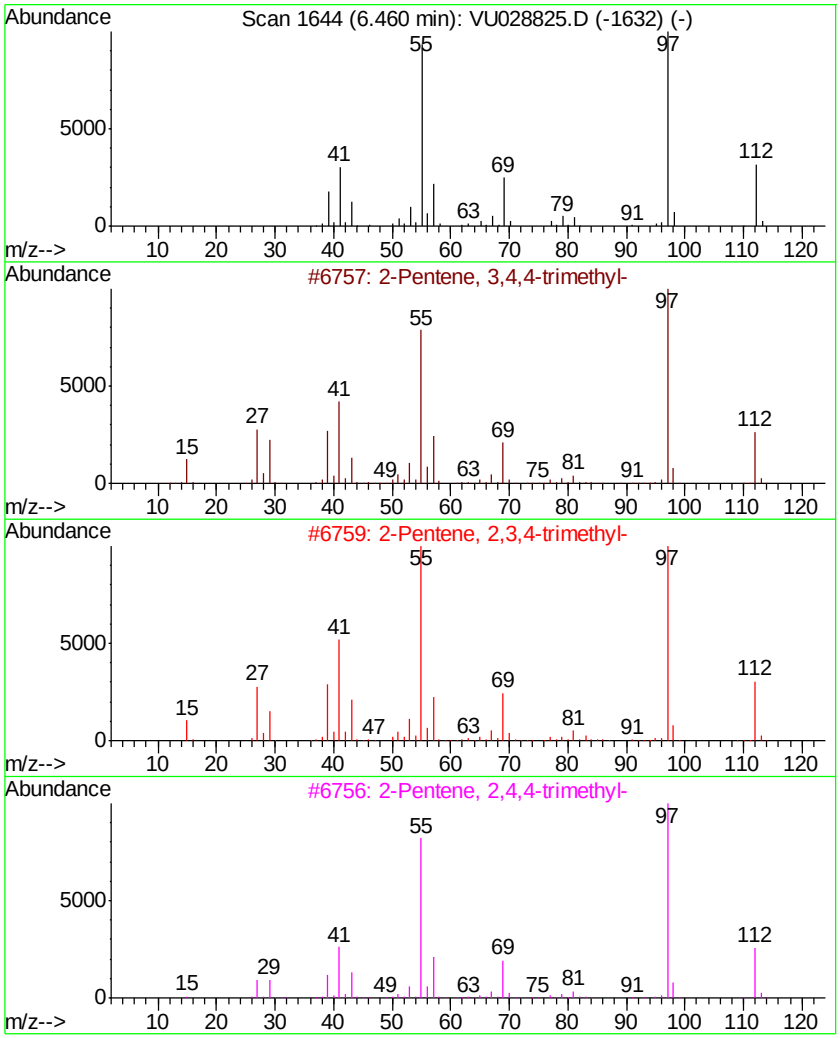
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

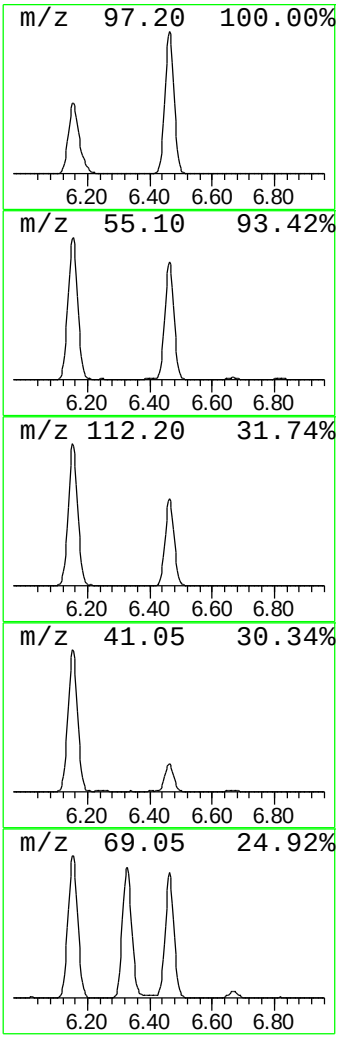
****

Peak Number 1 (DEL) Alkane: Cyclic6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	32.39 ug/L	328813	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	91
2	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	91
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
5	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

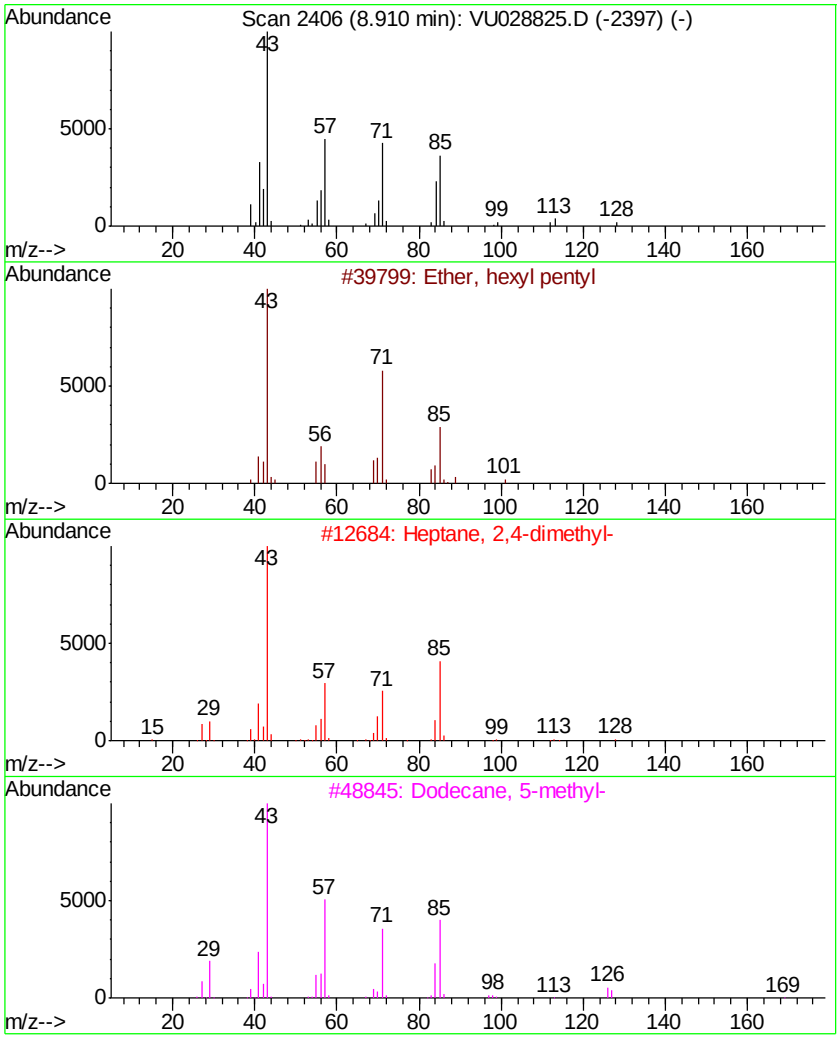
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

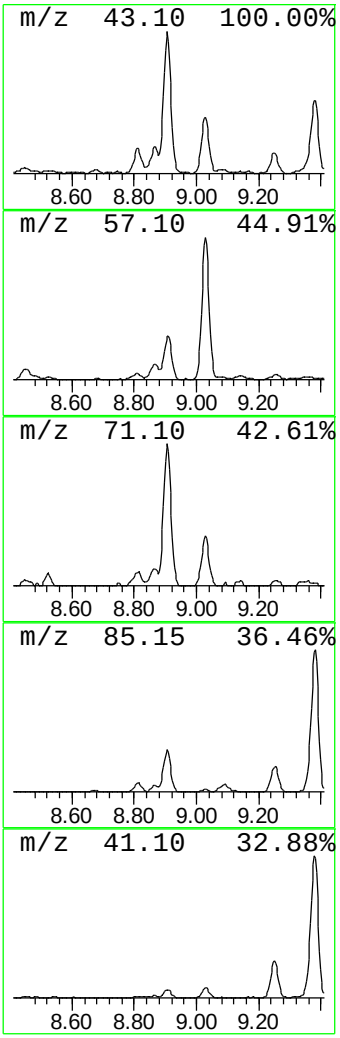
****

Peak Number 3 Ether, hexyl pentyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	7.64 ug/L	98541	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	72
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Dodecane, 5-methyl-	184	C13H28	017453-93-9	64
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59
5	Octane, 4-methyl-	128	C9H20	002216-34-4	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
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Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

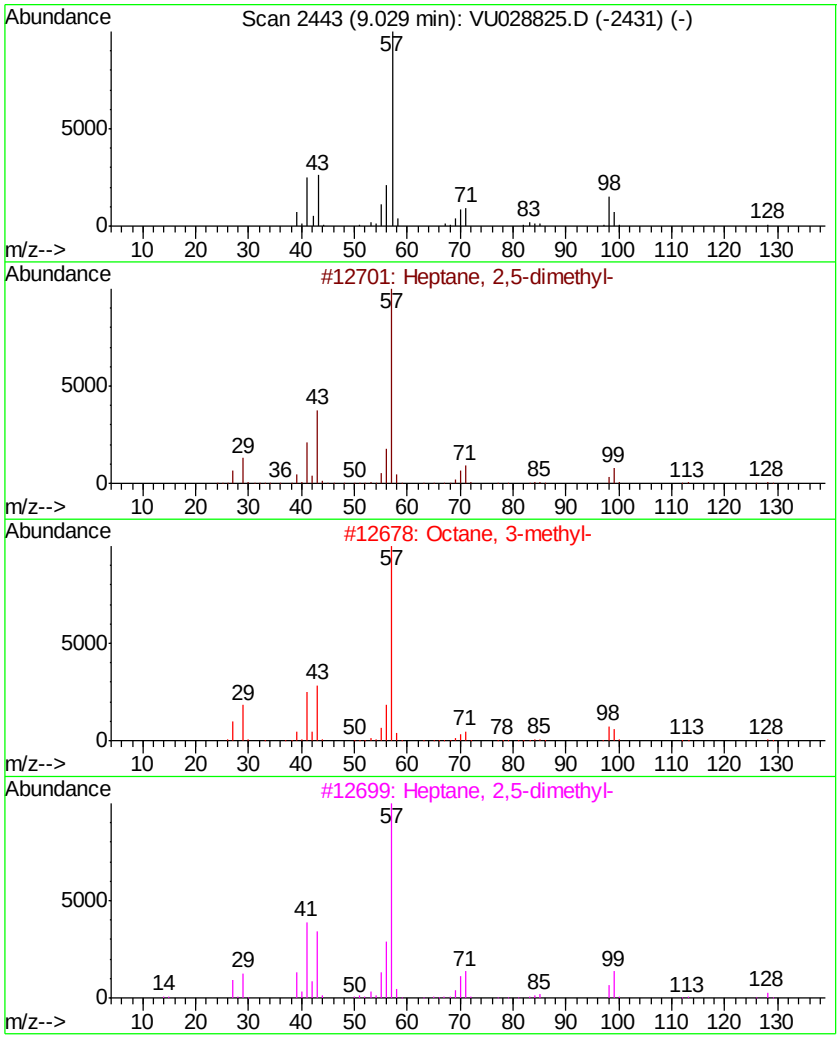
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

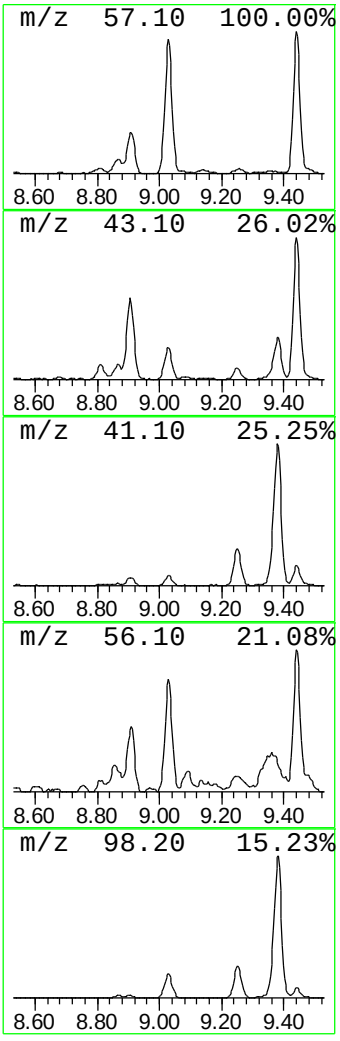
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	7.42 ug/L	95716	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
2	Octane, 3-methyl-	128	C9H20	002216-33-3	72
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	62
5	Octane, 3-methyl-	128	C9H20	002216-33-3	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

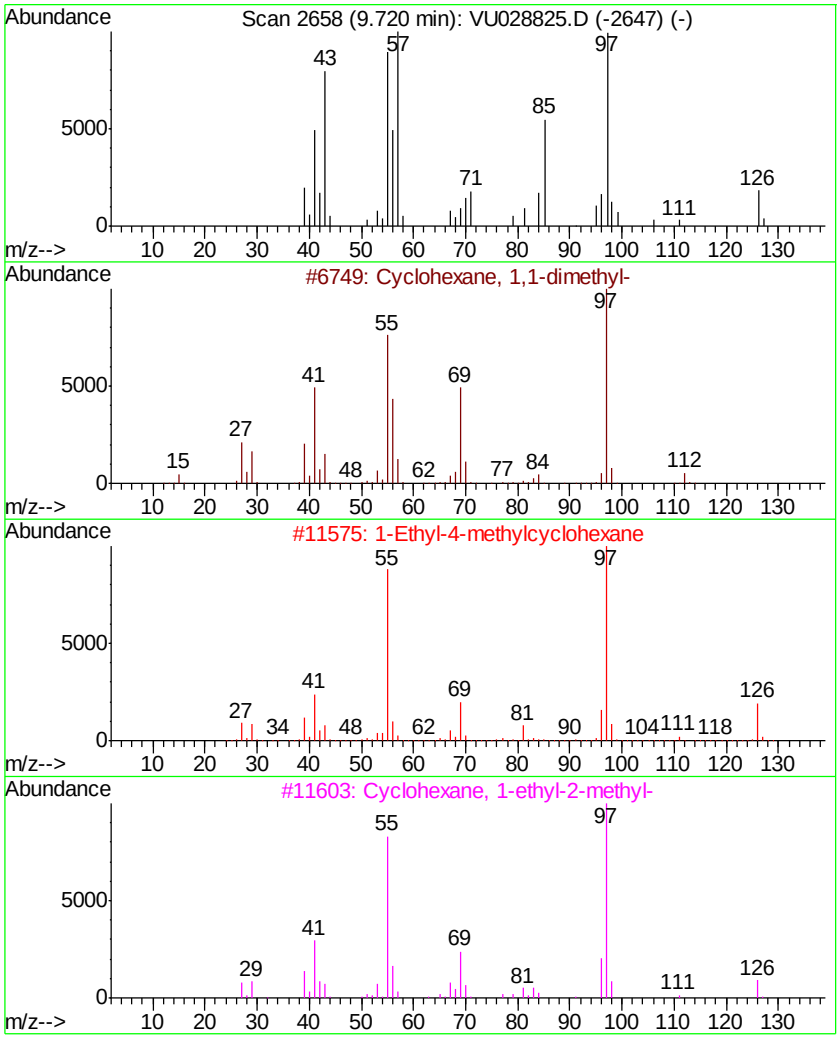
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

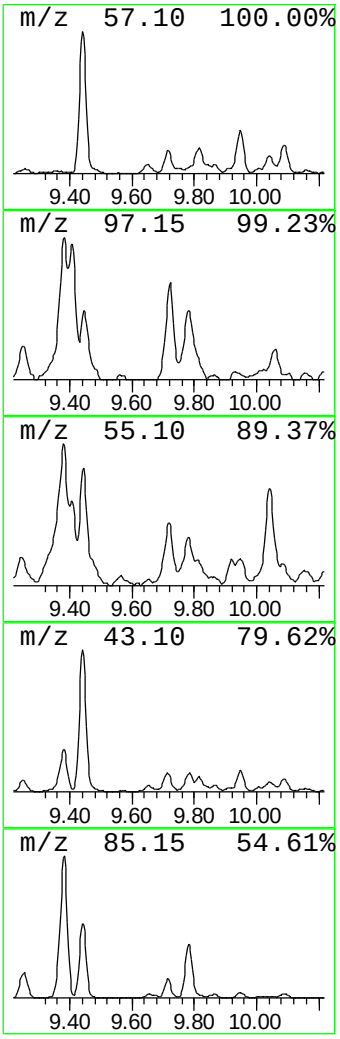
****

Peak Number 5 (DEL) Alkane: Cyclic9.72 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.51 ug/L	45205	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	49
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

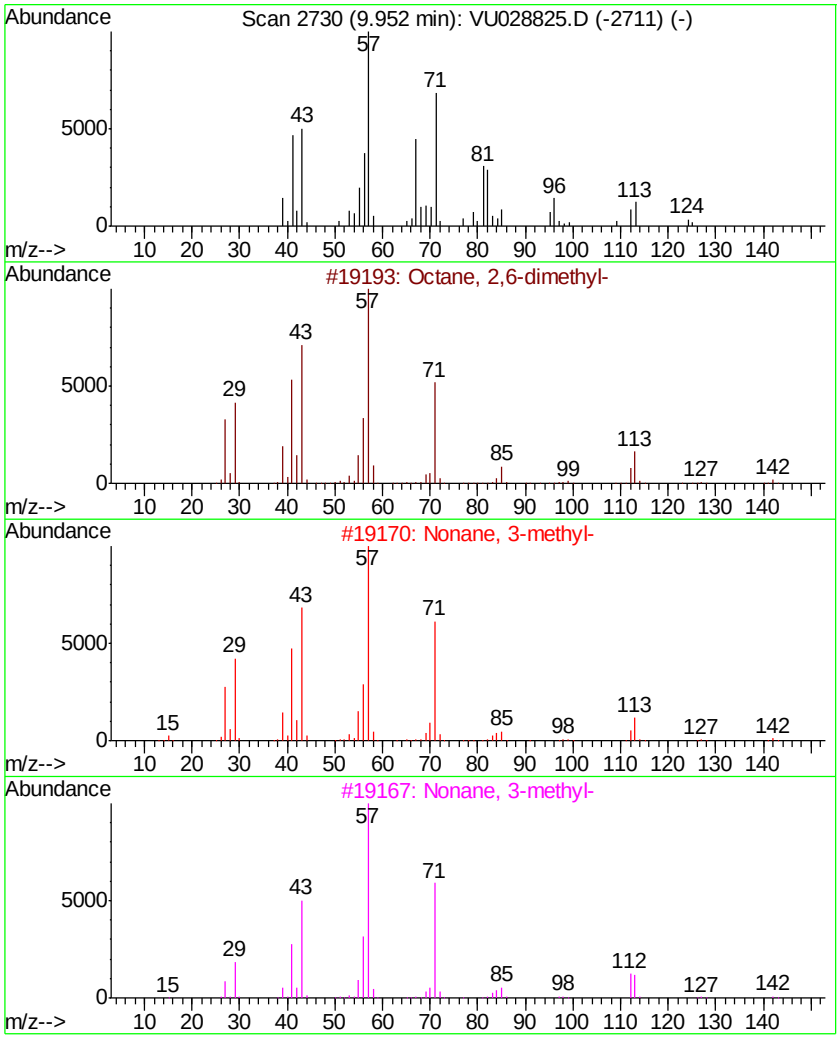
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

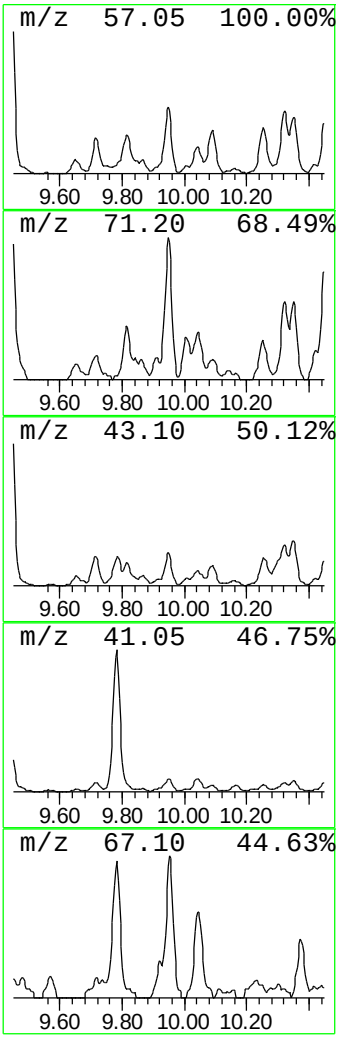
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	6.27 ug/L	80883	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

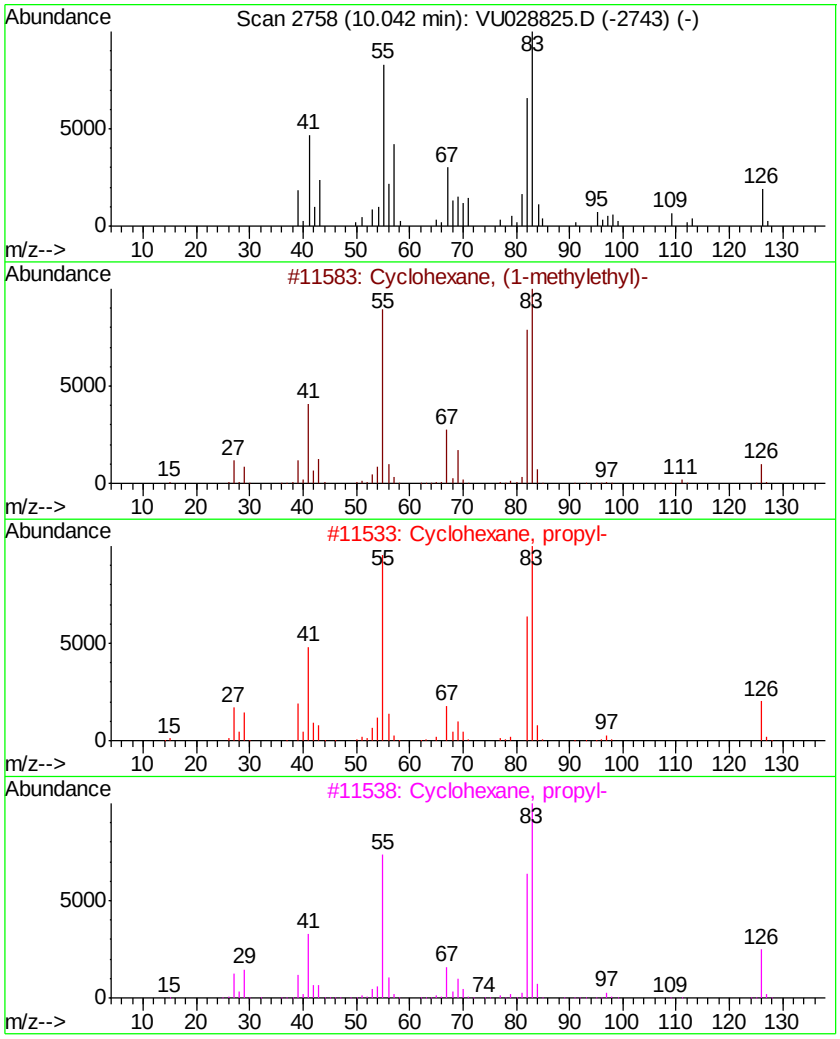
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

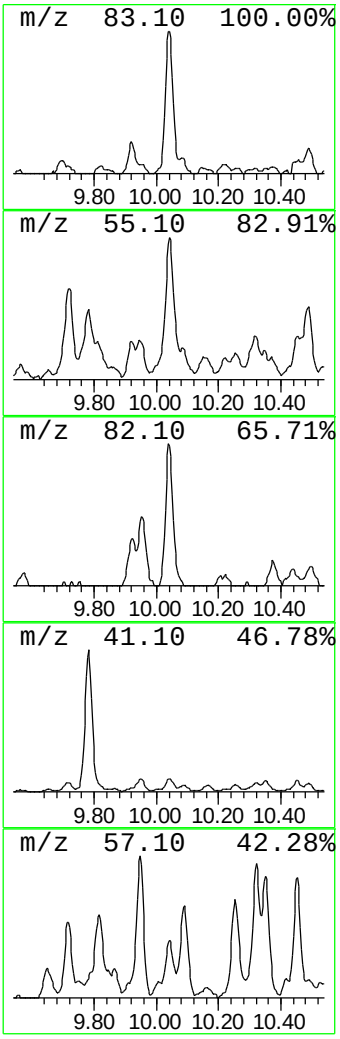
****

Peak Number 7 (DEL) Alkane: Cyclic10.04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	5.77 ug/L	74393	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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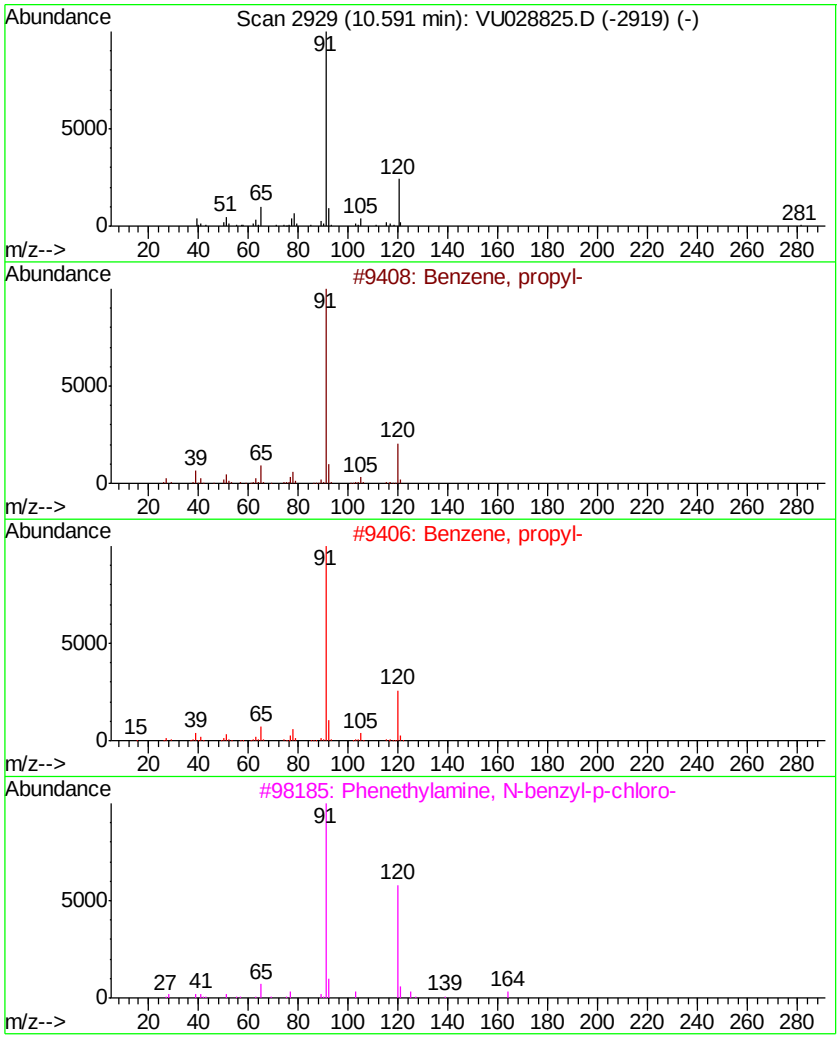
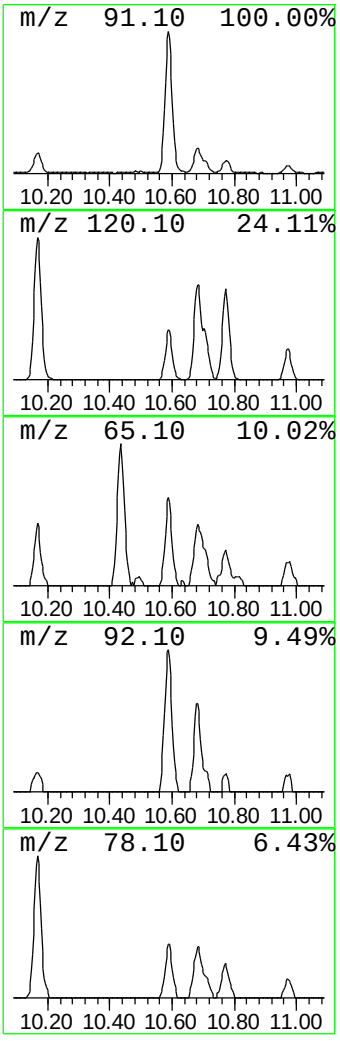
Peak Number 8 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	4.24 ug/L	59933	1,4-Dichlorobenzene-d4	11.49

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	90
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59





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Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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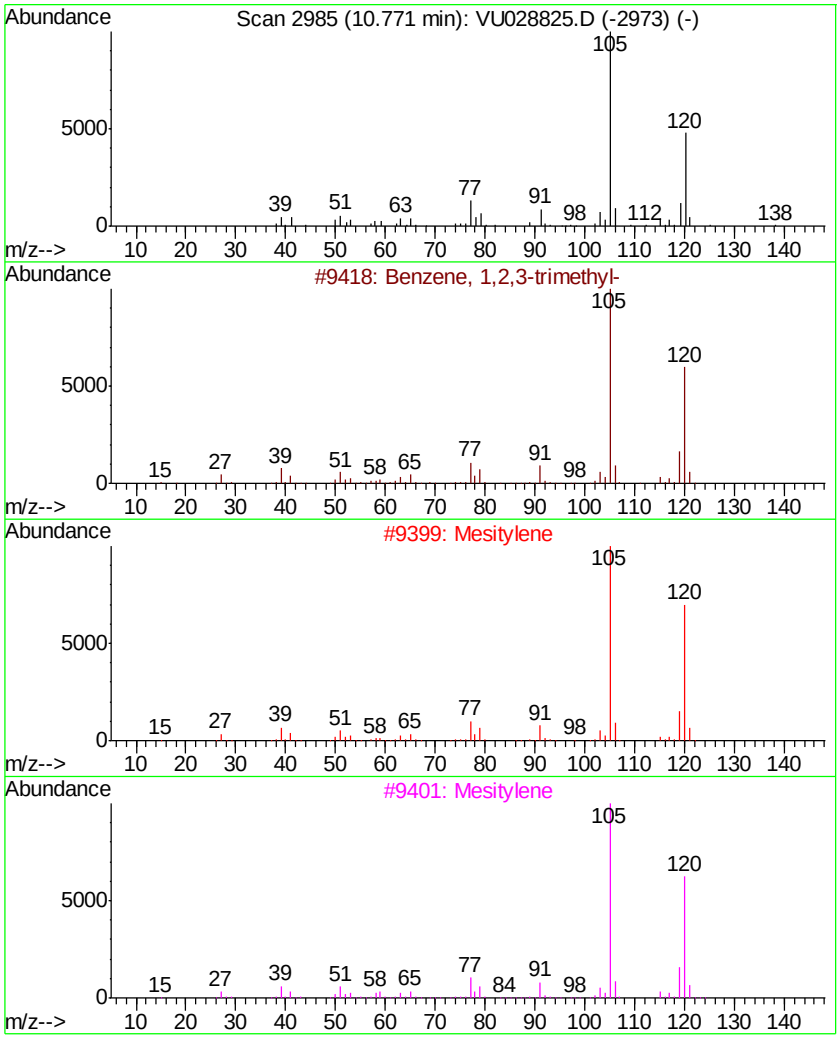
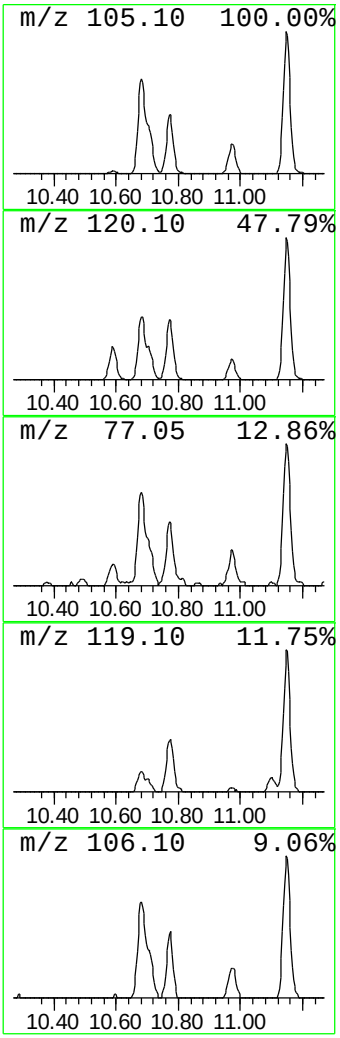
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	7.59 ug/L	107196	1,4-Dichlorobenzene-d4	11.49

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	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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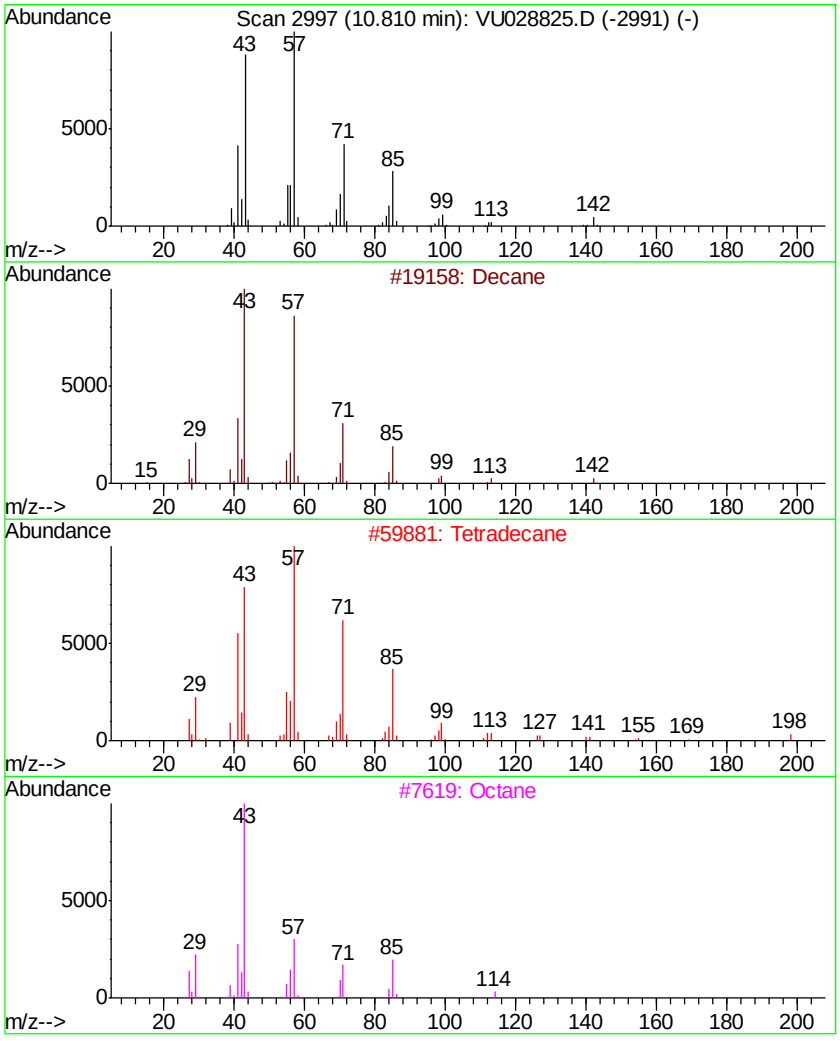
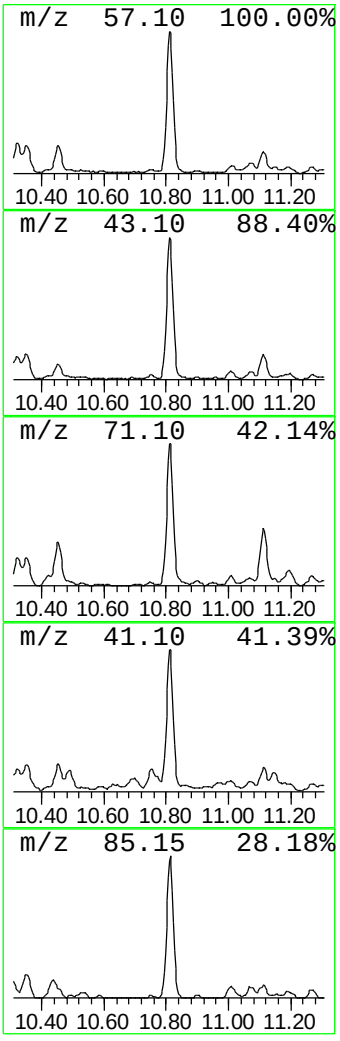
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	15.63 ug/L	220866	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Octane	114	C8H18	000111-65-9	72
4	Decane	142	C10H22	000124-18-5	64
5	Nonane	128	C9H20	000111-84-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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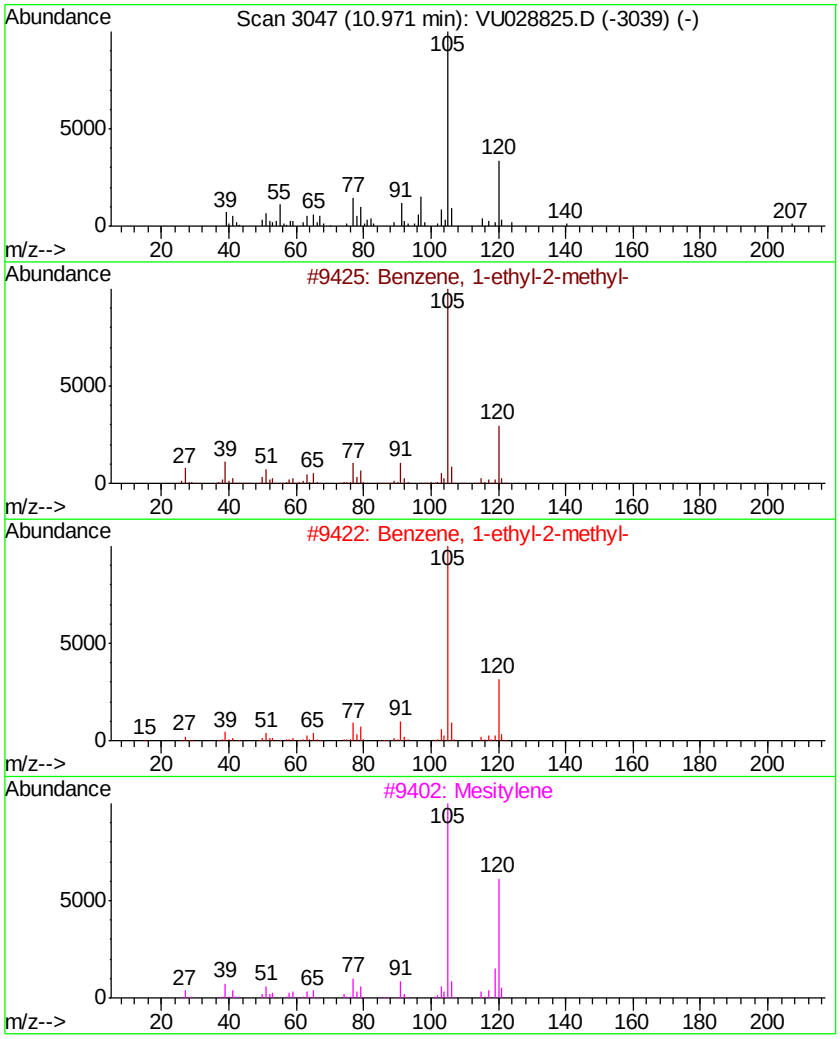
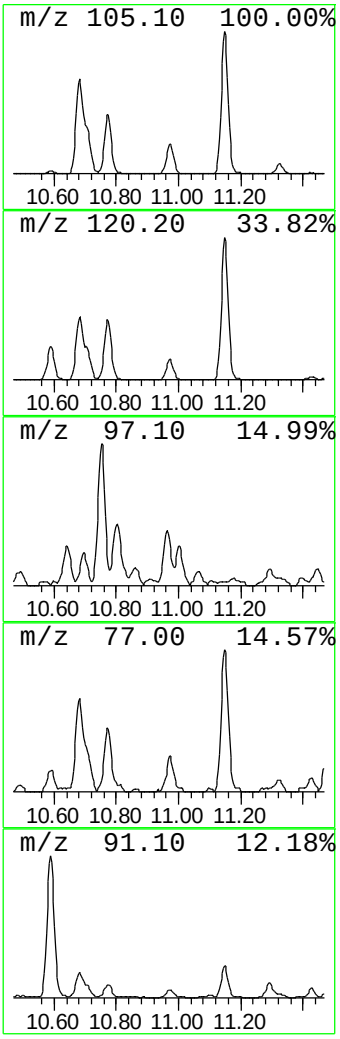
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.39 ug/L	47838	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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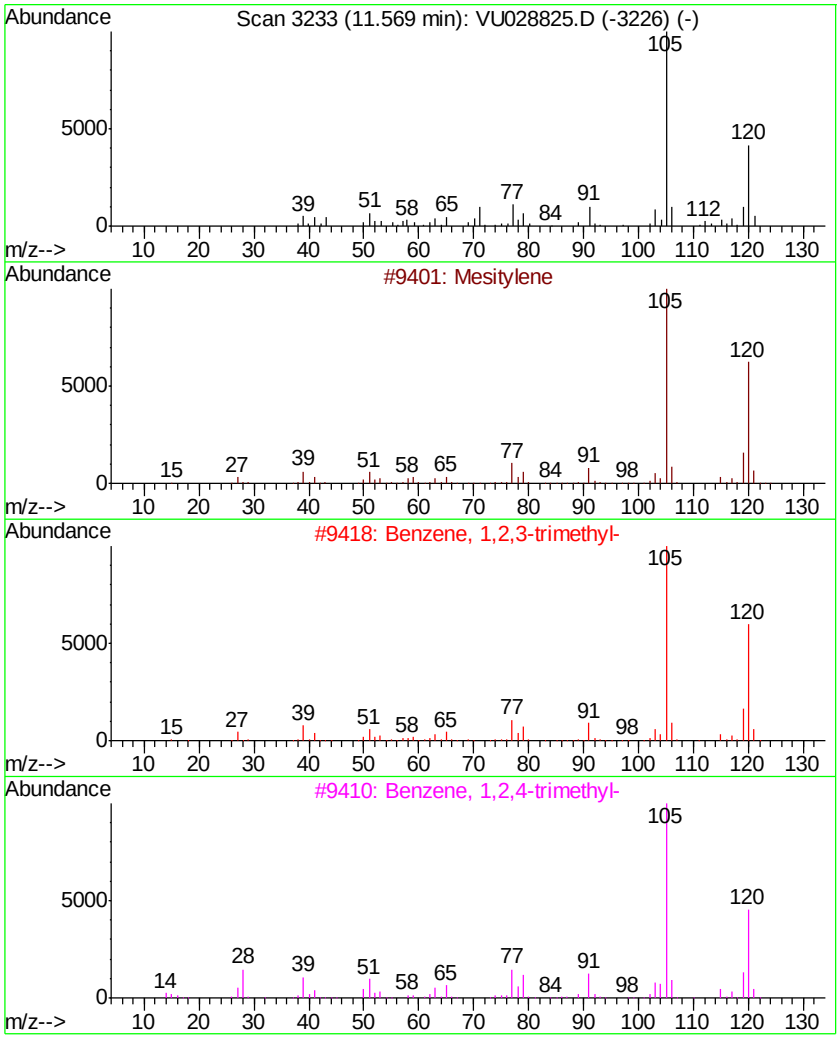
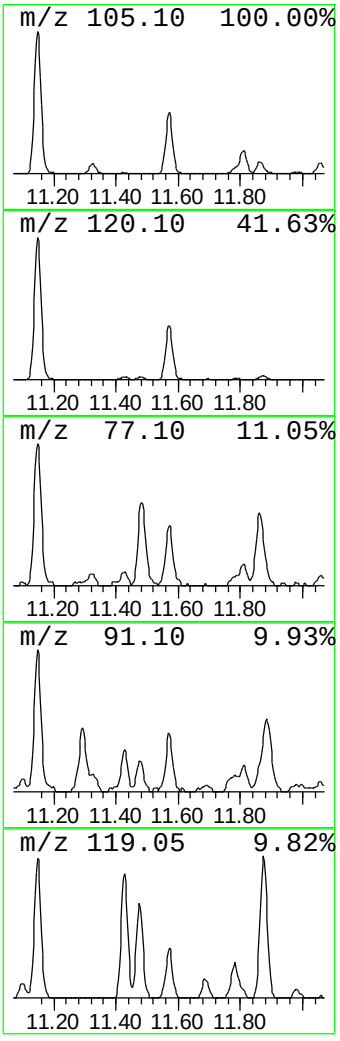
Peak Number 14 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	5.23 ug/L	73917	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

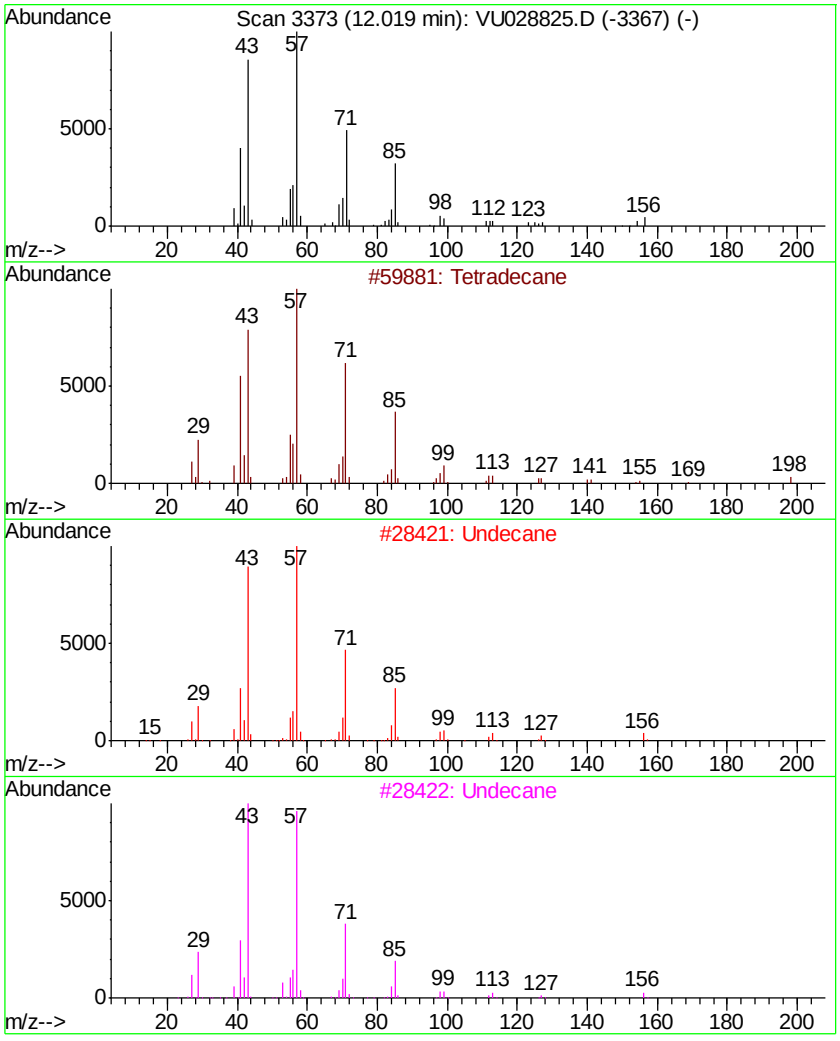
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

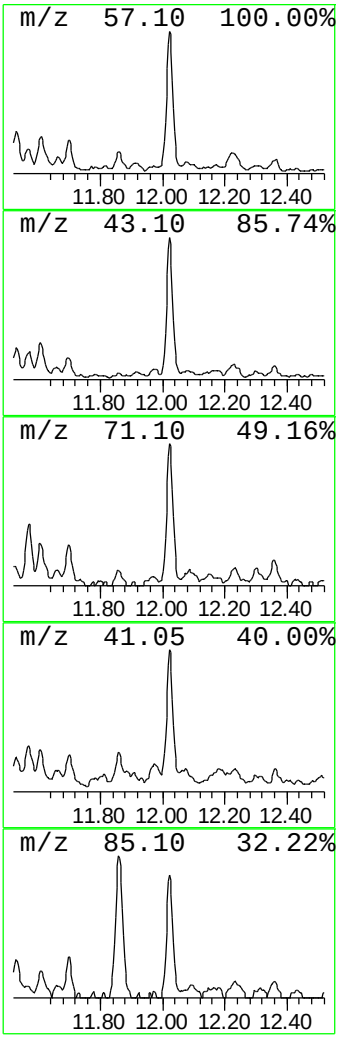
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.61 ug/L	51003	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Undecane	156	C11H24	001120-21-4	87
3	Undecane	156	C11H24	001120-21-4	87
4	Undecane	156	C11H24	001120-21-4	87
5	Undecane	156	C11H24	001120-21-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028825.D
Acq On : 20 Dec 2018 15:30
Operator : MD/SY
Sample : J6468-21
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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: Cyc...	6.46	32.4	ug/L	328813	1	5.88	507565	50.0
Ether, hexyl pentyl	8.91	7.6	ug/L	98541	2	9.09	644723	50.0
(DEL) Alkane: Str...	9.03	7.4	ug/L	95716	2	9.09	644723	50.0
(DEL) Alkane: Cyc...	9.72	3.5	ug/L	45205	2	9.09	644723	50.0
(DEL) Alkane: Str...	9.95	6.3	ug/L	80883	2	9.09	644723	50.0
(DEL) Alkane: Cyc...	10.04	5.8	ug/L	74393	2	9.09	644723	50.0
Benzene, propyl-	10.59	4.2	ug/L	59933	3	11.49	706460	50.0
Benzene, 1,2,3-tr...	10.77	7.6	ug/L	107196	3	11.49	706460	50.0
(DEL) Alkane: Str...	10.81	15.6	ug/L	220866	3	11.49	706460	50.0
Benzene, 1-ethyl-...	10.97	3.4	ug/L	47838	3	11.49	706460	50.0
Mesitylene	11.57	5.2	ug/L	73917	3	11.49	706460	50.0
(DEL) Alkane: Str...	12.02	3.6	ug/L	51003	3	11.49	706460	50.0