LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111919\
Data File : VV013681.D
Acq On : 19 Nov 2019 16:21
Operator : SY/MD
Sample : VIBLK42
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMVTR111519WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.222	37	41	48	rBV	17185	13990	1.02%	0.100%
2	1.315	61	70	82	rBV	176974	184638	13.53%	1.324%
3	1.579	145	152	161	rBV	163149	178869	13.10%	1.282%
4	1.643	165	172	186	rVB	189220	229739	16.83%	1.647%
5	1.817	219	226	237	rVB	67899	86208	6.32%	0.618%
6	2.126	313	322	334	rBV	273283	395145	28.95%	2.833%
7	2.550	434	454	463	rBV5	34330	100855	7.39%	0.723%
8	2.788	515	528	543	rVB3	27951	61037	4.47%	0.438%
9	3.074	605	617	630	rBV9	10042	22394	1.64%	0.161%
10	3.261	663	675	682	rBV9	7155	14587	1.07%	0.105%
11	3.804	830	844	859	rBV4	23887	59505	4.36%	0.427%
12	3.958	880	892	938	rBV	125743	569756	41.74%	4.084%
13	4.399	1009	1029	1050	rBV	244582	605651	44.37%	4.342%
14	4.720	1119	1129	1139	rBV10	8661	18533	1.36%	0.133%
15	5.090	1223	1244	1266	rBV2	556116	1364977	100.00%	9.785%
16	5.277	1290	1302	1313	rVB4	8924	24000	1.76%	0.172%
17	5.659	1408	1421	1447	rBV	436524	884186	64.78%	6.338%
18	5.952	1497	1512	1520	rBV9	13938	30872	2.26%	0.221%
19	6.116	1549	1563	1581	rBV	315156	644836	47.24%	4.623%
20	7.026	1832	1846	1860	rBV	149210	273035	20.00%	1.957%
21	7.357	1936	1949	1963	rBV	642625	1120554	82.09%	8.033%
22	7.431	1964	1972	1985	rVB2	51299	94863	6.95%	0.680%
23	7.659	2030	2043	2059	rBV	91413	160176	11.73%	1.148%
24	8.138	2180	2192	2226	rBV2	571893	1336131	97.89%	9.578%
25	8.891	2414	2426	2453	rBV	652633	1066783	78.15%	7.647%
26	9.055	2466	2477	2490	rBV	69366	116829	8.56%	0.837%
27	9.177	2503	2515	2531	rBV	235777	392182	28.73%	2.811%
28	9.585	2632	2642	2656	rBV2	47348	82227	6.02%	0.589%
29	9.968	2755	2761	2774	rVB10	7344	13836	1.01%	0.099%
30	10.257	2838	2851	2867	rBV	233462	374692	27.45%	2.686%
31	10.395	2881	2894	2911	rBV2	29620	69061	5.06%	0.495%
32	10.489	2913	2923	2940	rVV	73835	177162	12.98%	1.270%
33	10.579	2942	2951	2961	rVB	30941	53013	3.88%	0.380%
34	10.778	3001	3013	3022	rBV2	28239	49933	3.66%	0.358%

LSC Area Percent Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMVTR111519WMA.M
Title : TRACE VOA SOM01.0

35	10.955	3058	3068	3083	rBV	148522	234509	17.18%	1.681%
36	11.289	3160	3172	3191	rBV	670774	1048742	76.83%	7.518%
37	11.376	3191	3199	3213	rVB	31100	52932	3.88%	0.379%
38	11.572	3250	3260	3270	rBV3	26045	54858	4.02%	0.393%
39	11.665	3278	3289	3306	rVB	672046	1076000	78.83%	7.713%
40	11.955	3370	3379	3384	rBV3	11233	19116	1.40%	0.137%
41	12.058	3403	3411	3419	rBV2	15947	26426	1.94%	0.189%
42	12.161	3435	3443	3454	rBV7	9738	16263	1.19%	0.117%
43	12.453	3526	3534	3542	rBV3	13993	21424	1.57%	0.154%
44	12.511	3543	3552	3562	rVB2	18220	29714	2.18%	0.213%
45	12.765	3622	3631	3645	rBV3	16332	26430	1.94%	0.189%
46	12.926	3671	3681	3692	rBV3	28012	45013	3.30%	0.323%
47	13.308	3791	3800	3806	rBV3	9088	14206	1.04%	0.102%
48	13.550	3863	3875	3887	rBV2	84412	146728	10.75%	1.052%
49	14.678	4216	4226	4240	rBV	86205	147446	10.80%	1.057%
50	14.861	4274	4283	4297	rBV	46821	79597	5.83%	0.571%
51	15.723	4542	4551	4562	rBV	9865	18539	1.36%	0.133%
52	15.865	4586	4595	4601	rBV	12305	21606	1.58%	0.155%

Sum of corrected areas: 13949804

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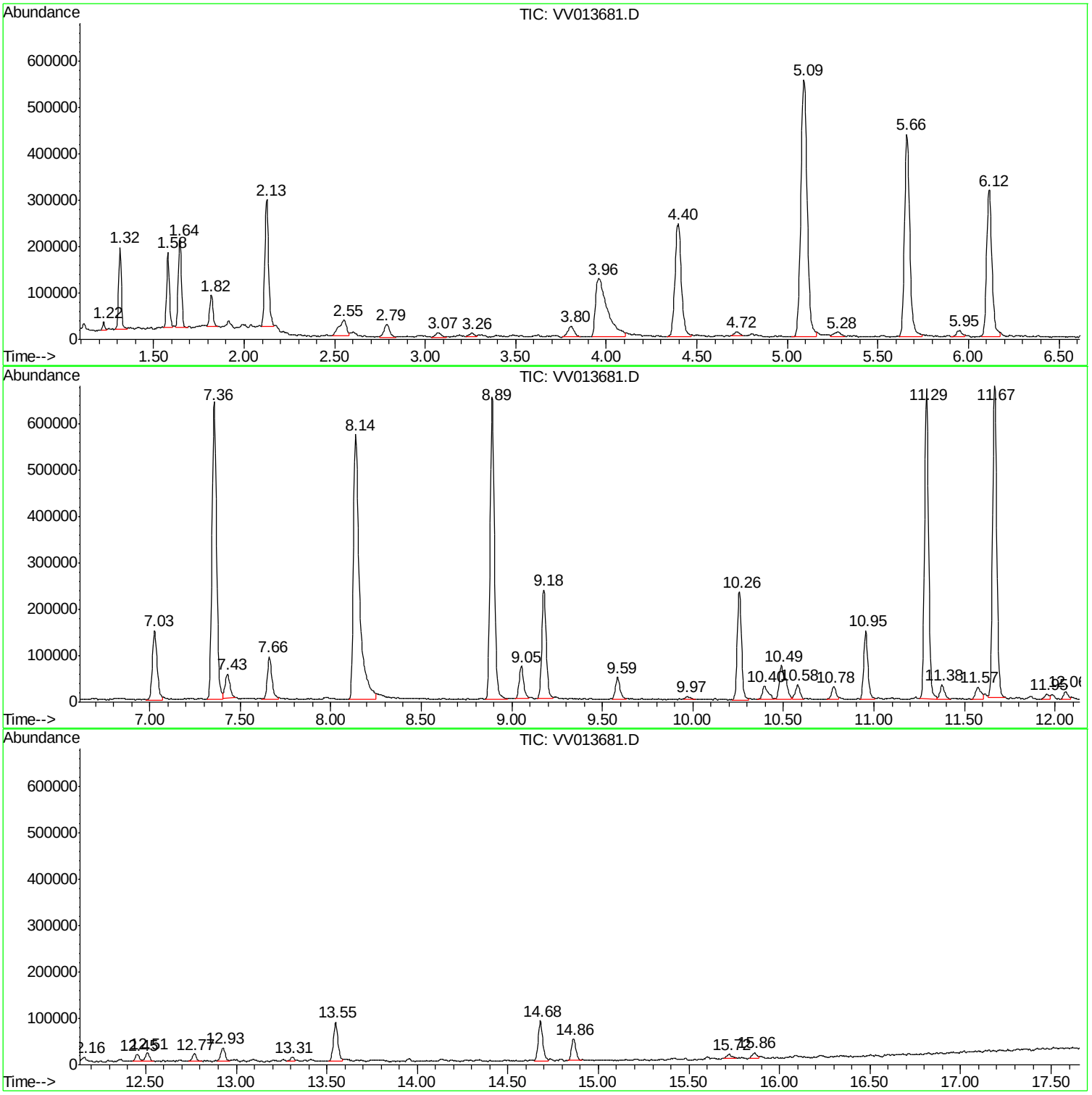
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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Data File : VV013681.D
Acq On : 19 Nov 2019 16:21
Operator : SY/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

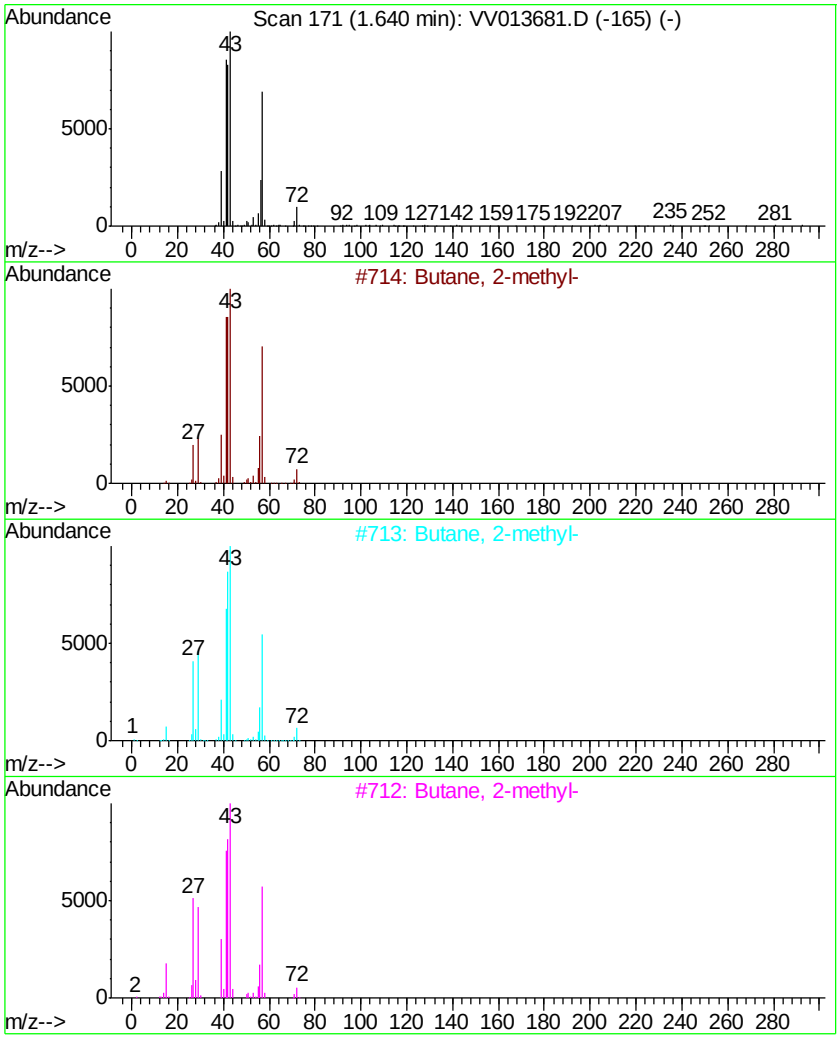
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

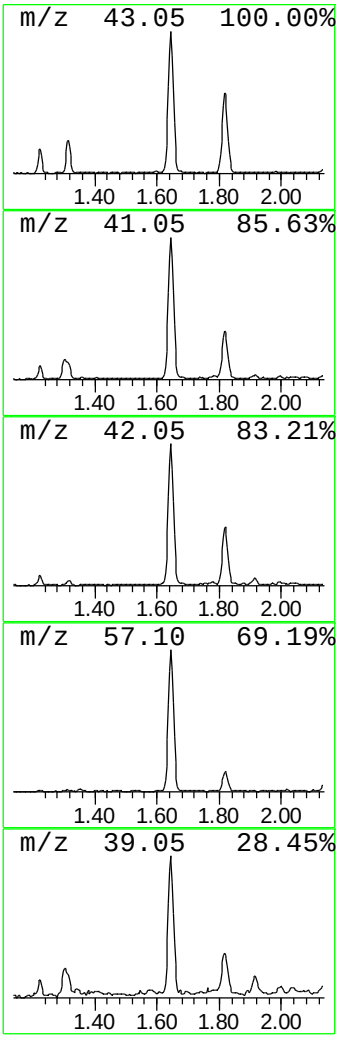
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	1.30 ug/L	229739	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	90
4	Pentane	72	C5H12	000109-66-0	45
5	Pentane	72	C5H12	000109-66-0	38





Library Search Compound Report

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Data File : VV013681.D
Acq On : 19 Nov 2019 16:21
Operator : SY/MD
Sample : VIBLK42
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

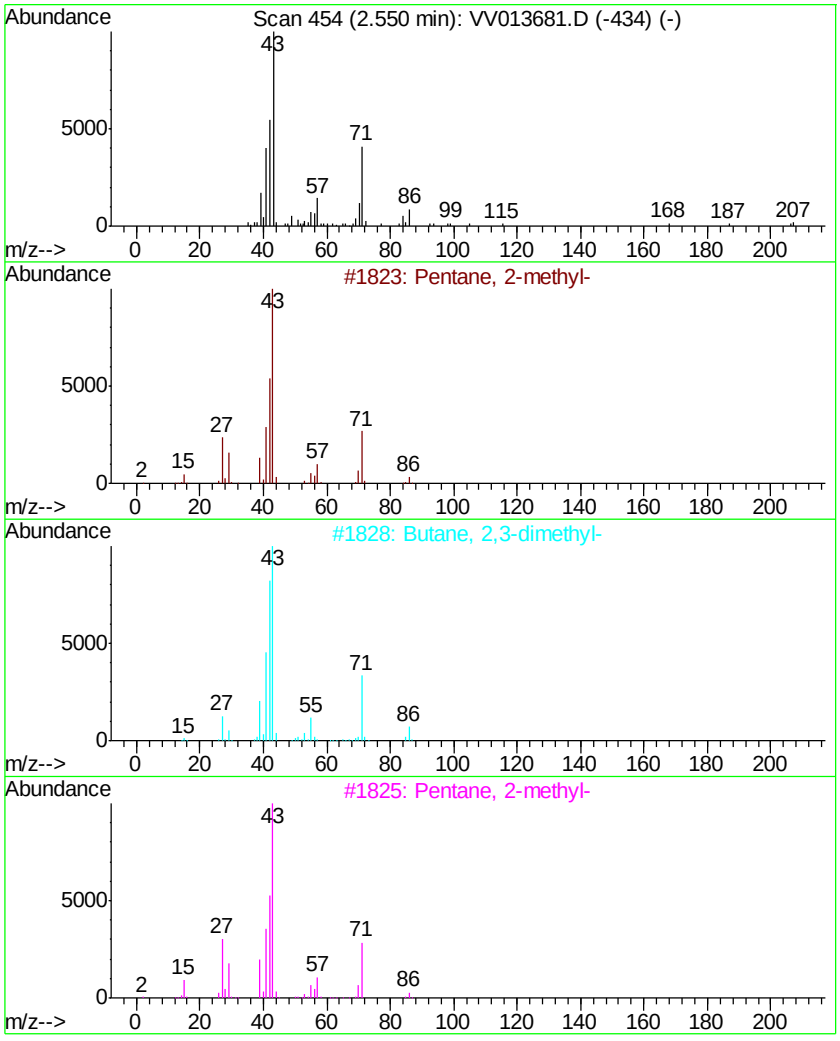
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

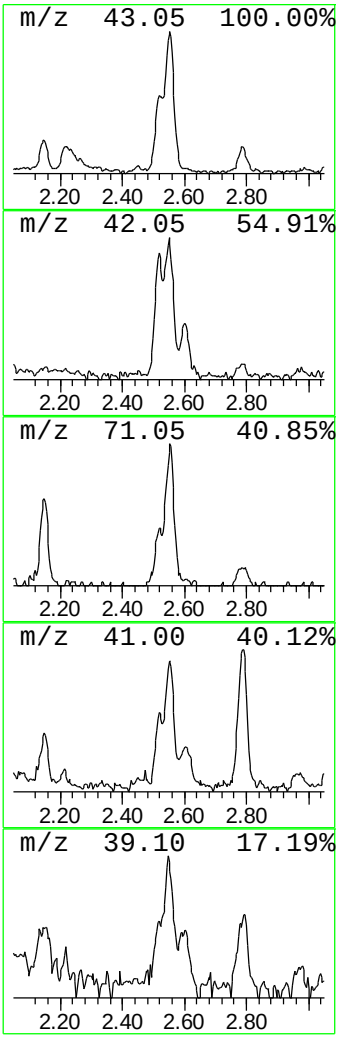
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	0.57 ug/L	100855	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	58
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	56
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	46
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
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Operator : SY/MD
Sample : VIBLK42
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

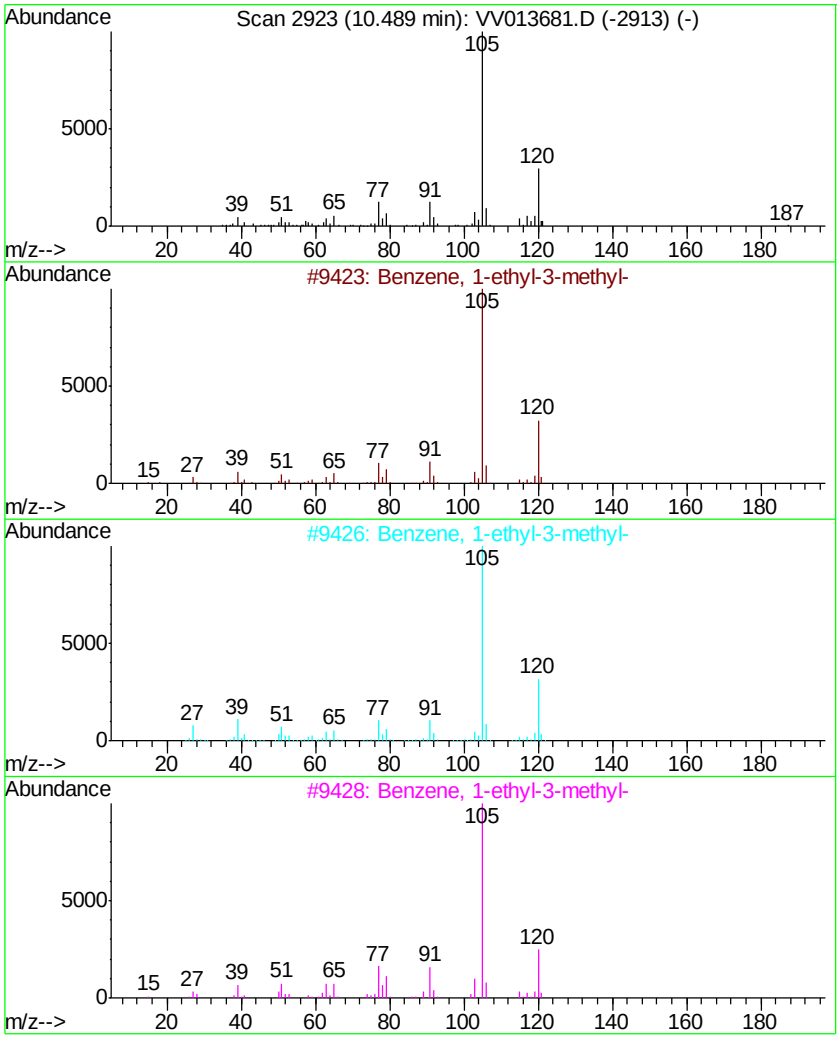
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

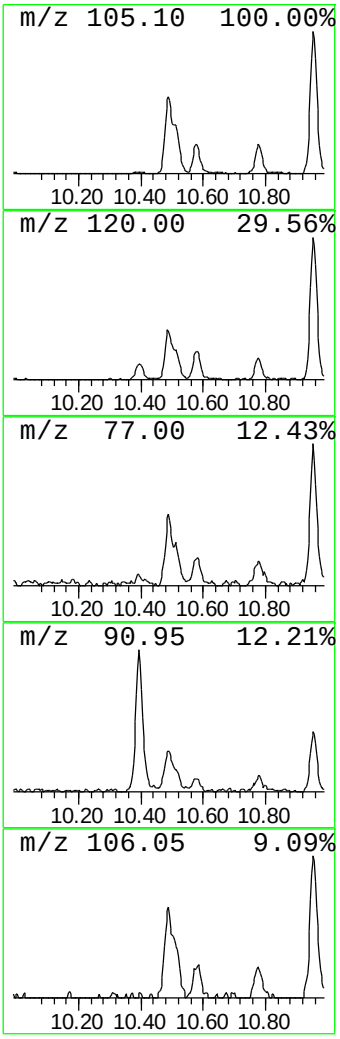
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	0.84 ug/L	177162	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

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Sample : VIBLK42
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

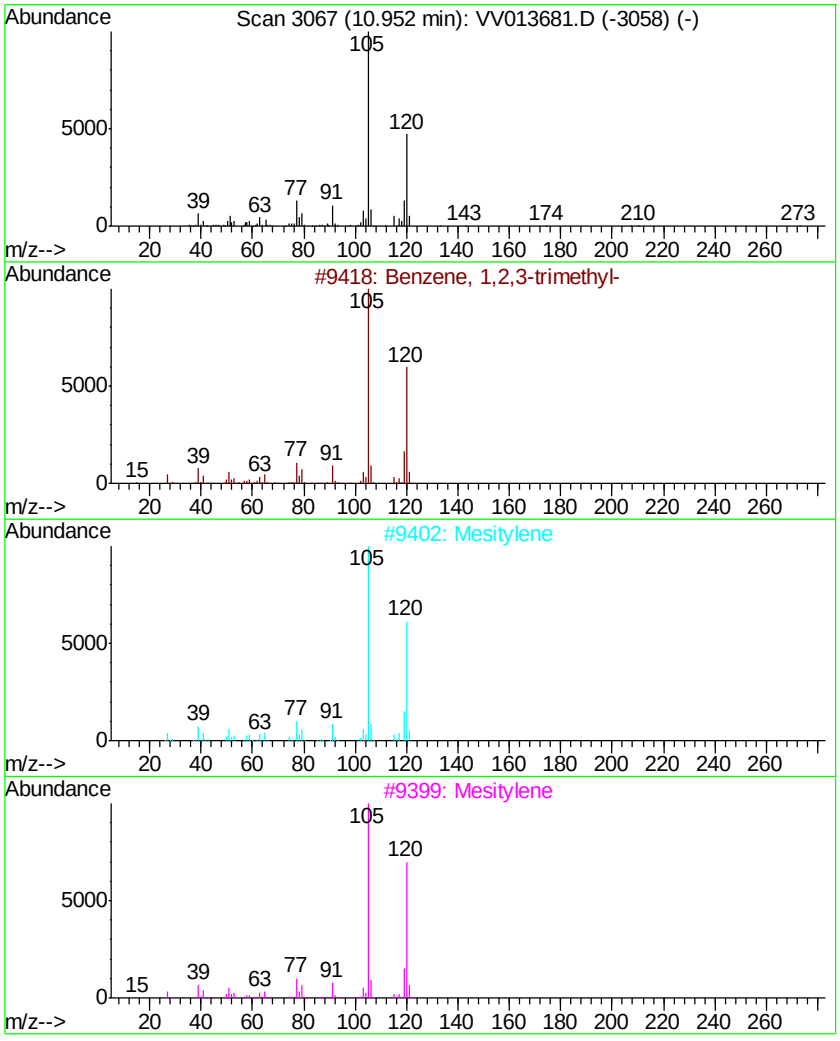
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

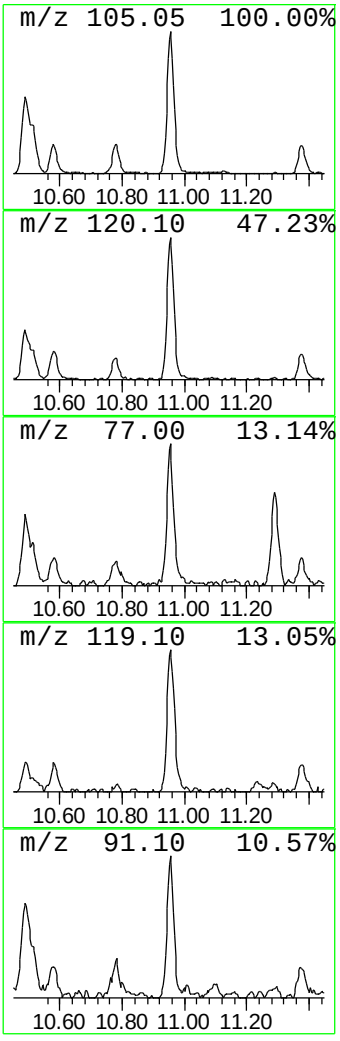
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	1.12 ug/L	234509	1,4-Dichlorobenzene-d4	11.29

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	97
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

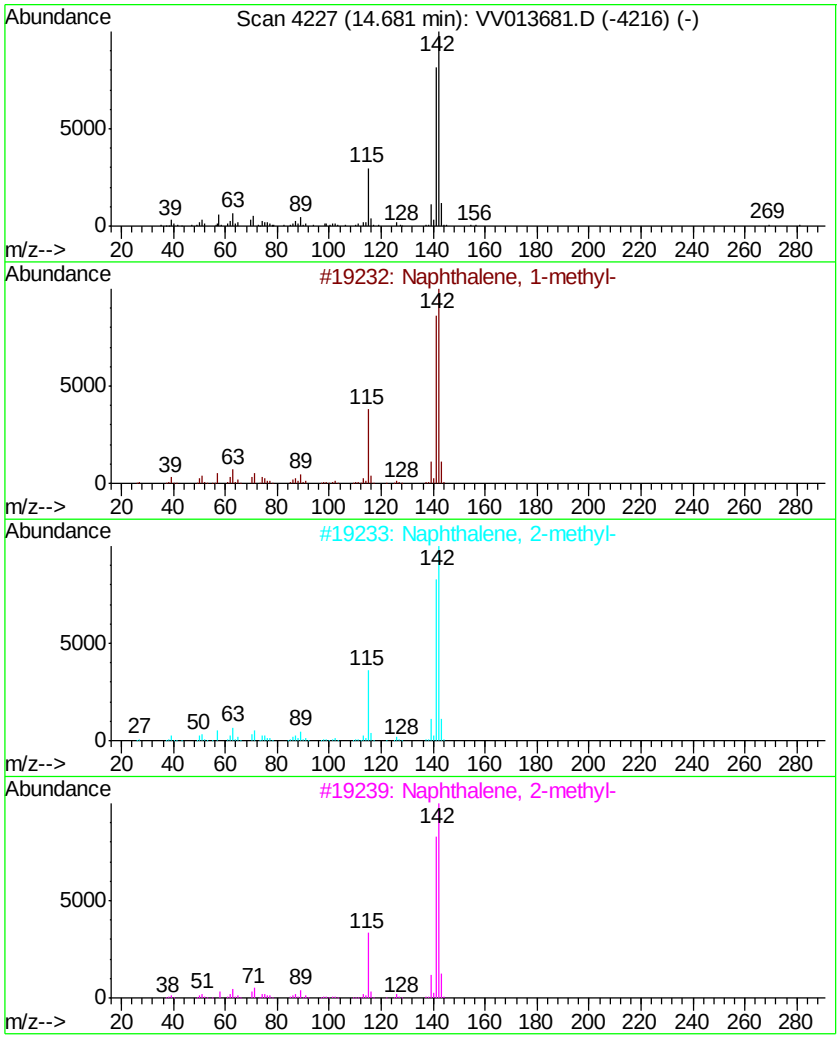
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

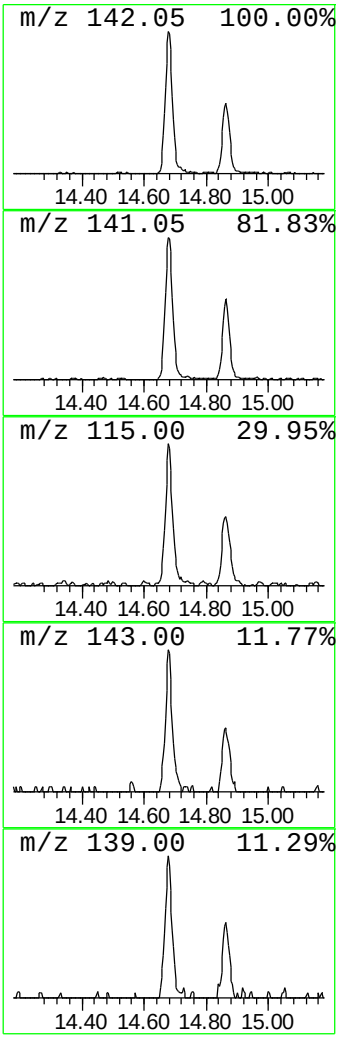
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	0.70 ug/L	147446	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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...	1.64	1.3	ug/L	229739	1	5.66	884186	5.0
(DEL) Alkane: Str...	2.55	0.6	ug/L	100855	1	5.66	884186	5.0
Benzene, 1-ethyl-...	10.49	0.8	ug/L	177162	3	11.29	1048740	5.0
Benzene, 1,2,3-tr...	10.95	1.1	ug/L	234509	3	11.29	1048740	5.0
Naphthalene, 1-me...	14.68	0.7	ug/L	147446	3	11.29	1048740	5.0