LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007136.D
Acq On : 18 Jan 2019 15:48
Operator : JC/SP
Sample : K1195-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038RW082-160116

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_X\METHOD\82X010819W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.410	38	42	50	rVB	134686	136796	5.60%	0.639%
2	1.623	67	77	81	rVB4	29773	67706	2.77%	0.316%
3	1.788	100	104	110	rBV	29222	41400	1.70%	0.193%
4	2.617	235	240	248	rVB	13499	27107	1.11%	0.127%
5	2.842	271	277	287	rBV	70145	155467	6.37%	0.726%
6	3.172	324	331	337	rBV3	16310	37287	1.53%	0.174%
7	4.598	550	565	578	rBV	343875	971930	39.80%	4.537%
8	5.507	702	714	726	rBV	289845	837311	34.29%	3.908%
9	5.665	730	740	762	rVB	493779	1432544	58.67%	6.687%
10	6.068	796	806	816	rBV	302232	781772	32.02%	3.649%
11	6.342	841	851	864	rVB2	78828	242628	9.94%	1.133%
12	6.860	926	936	949	rBV	738619	1716988	70.32%	8.015%
13	7.451	1027	1033	1041	rBV6	12884	33573	1.37%	0.157%
14	7.677	1058	1070	1078	rBV3	15286	41529	1.70%	0.194%
15	8.055	1122	1132	1138	rBV3	44604	92828	3.80%	0.433%
16	8.177	1142	1152	1159	rBV2	142459	285510	11.69%	1.333%
17	8.713	1225	1240	1249	rBV	1543071	2441839	100.00%	11.398%
18	9.335	1334	1342	1348	rBV7	15557	29685	1.22%	0.139%
19	10.116	1464	1470	1471	rBV	1607093	2090072	85.59%	9.756%
20	10.140	1471	1474	1479	rVV	1750508	2380486	97.49%	11.112%
21	10.183	1479	1481	1486	rVB2	21239	28247	1.16%	0.132%
22	10.335	1501	1506	1516	rVB5	34015	66829	2.74%	0.312%
23	10.512	1530	1535	1544	rVB2	23042	38940	1.59%	0.182%
24	10.658	1546	1559	1564	rVV4	57827	125334	5.13%	0.585%
25	10.798	1577	1582	1585	rBV3	18675	39113	1.60%	0.183%
26	10.835	1585	1588	1593	rVV2	42446	57408	2.35%	0.268%
27	10.914	1595	1601	1604	rBV4	27136	48641	1.99%	0.227%
28	11.067	1620	1626	1632	rVV6	30472	68846	2.82%	0.321%
29	11.140	1632	1638	1642	rVV	1322856	1724069	70.61%	8.048%
30	11.182	1642	1645	1649	rVV2	75757	106951	4.38%	0.499%
31	11.243	1652	1655	1658	rVV3	28892	38492	1.58%	0.180%
32	11.280	1658	1661	1665	rVB3	37650	50204	2.06%	0.234%
33	11.445	1683	1688	1694	rVB4	30087	43917	1.80%	0.205%
34	11.579	1706	1710	1714	rVB7	14648	24963	1.02%	0.117%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038RW082-160116

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_X\METHOD\82X010819W.M
Title : SW846 8260

35	11.670	1718	1725	1731	rBV	51016	92128	3.77%	0.430%
36	11.768	1732	1741	1745	rBV	126192	175995	7.21%	0.822%
37	11.920	1758	1766	1768	rBV2	148613	220647	9.04%	1.030%
38	11.945	1768	1770	1775	rVB	67680	76929	3.15%	0.359%
39	12.079	1786	1792	1798	rBV	1774844	2184600	89.47%	10.197%
40	12.170	1804	1807	1812	rVB3	15279	24976	1.02%	0.117%
41	12.231	1812	1817	1823	rBV	529383	639552	26.19%	2.985%
42	12.298	1823	1828	1833	rVB4	38282	53666	2.20%	0.251%
43	12.365	1835	1839	1841	rBV2	37892	47657	1.95%	0.222%
44	12.475	1850	1857	1861	rBV4	19308	33592	1.38%	0.157%
45	12.658	1879	1887	1891	rBV4	27667	53610	2.20%	0.250%
46	12.719	1891	1897	1900	rVV2	107399	168972	6.92%	0.789%
47	12.755	1900	1903	1909	rVV2	87562	159024	6.51%	0.742%
48	12.816	1909	1913	1917	rVV	95853	125736	5.15%	0.587%
49	12.896	1917	1926	1932	rVV2	288110	454432	18.61%	2.121%
50	12.957	1932	1936	1945	rVB	87555	142533	5.84%	0.665%
51	13.091	1953	1958	1964	rVB	88886	116283	4.76%	0.543%
52	13.194	1970	1975	1978	rBV	42661	51620	2.11%	0.241%
53	13.249	1980	1984	1989	rVB	95555	111411	4.56%	0.520%
54	13.304	1989	1993	1997	rBV	28747	39557	1.62%	0.185%
55	13.402	2005	2009	2014	rVB	83088	103834	4.25%	0.485%
56	13.603	2036	2042	2045	rBV4	26123	39911	1.63%	0.186%

Sum of corrected areas: 21423077

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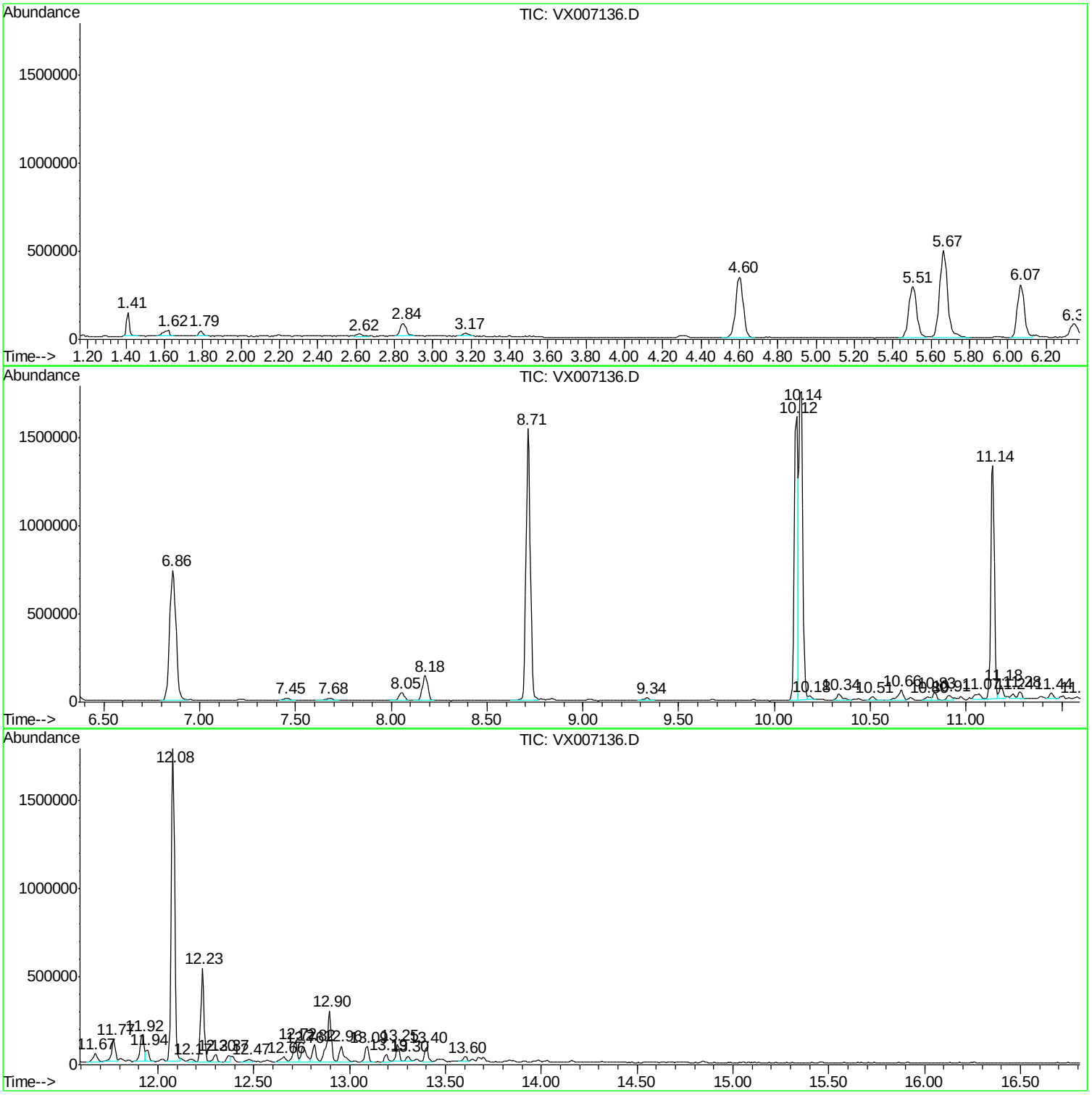
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-160116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007136.D
Acq On : 18 Jan 2019 15:48
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : SS038RW082-160116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

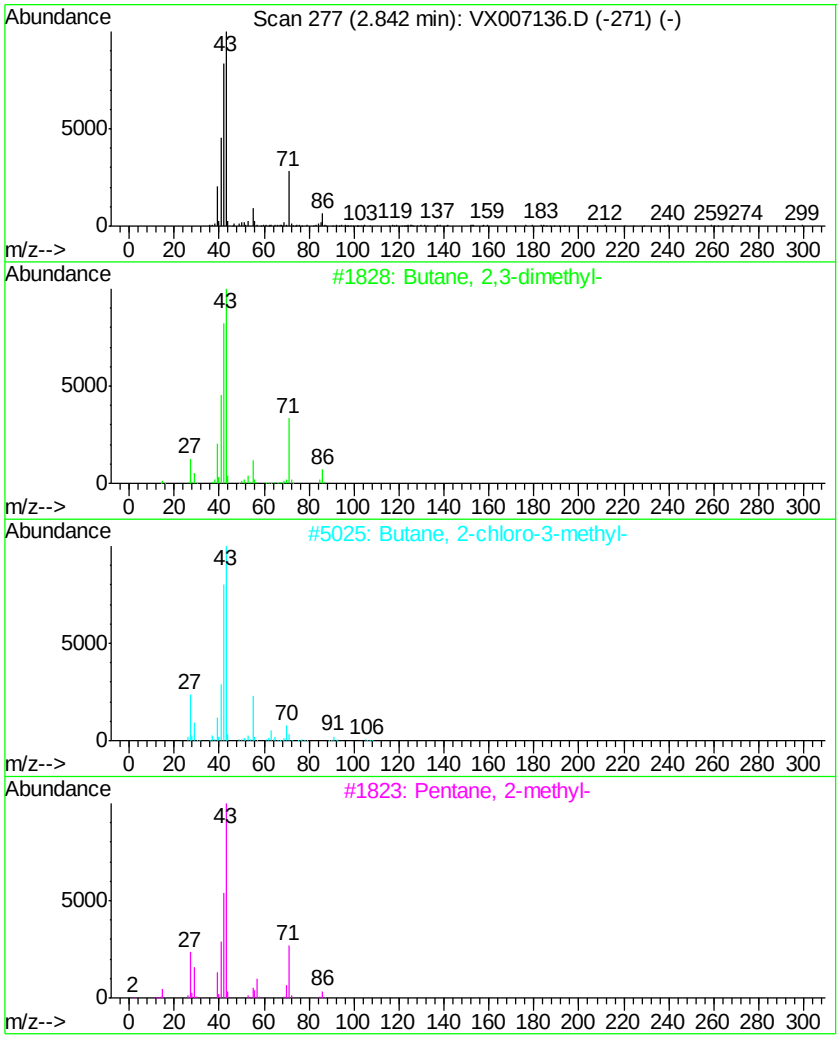
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

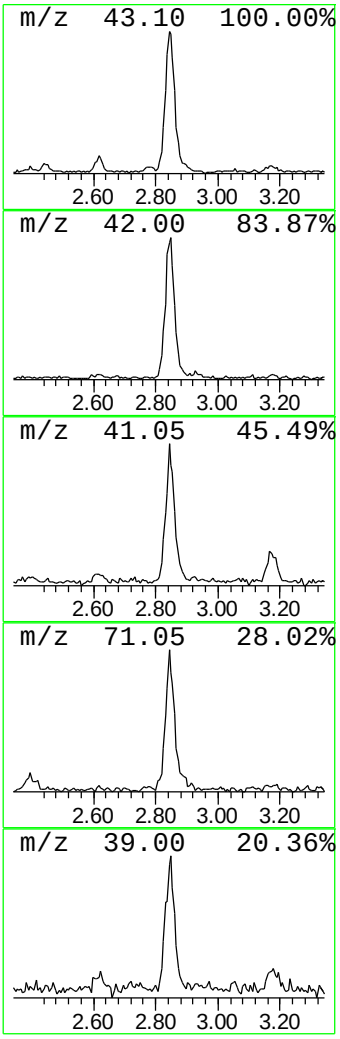
****

Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	5.43 ug/l	155467	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2-chloro-3-methyl-	106	C5H11Cl	000631-65-2	42
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
4	Tetrahydrofuran	72	C4H8O	000109-99-9	36
5	Butane, 2-methyl-	72	C5H12	000078-78-4	36





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Data File : VX007136.D
Acq On : 18 Jan 2019 15:48
Operator : JC/SP
Sample : K1195-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038RW082-160116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

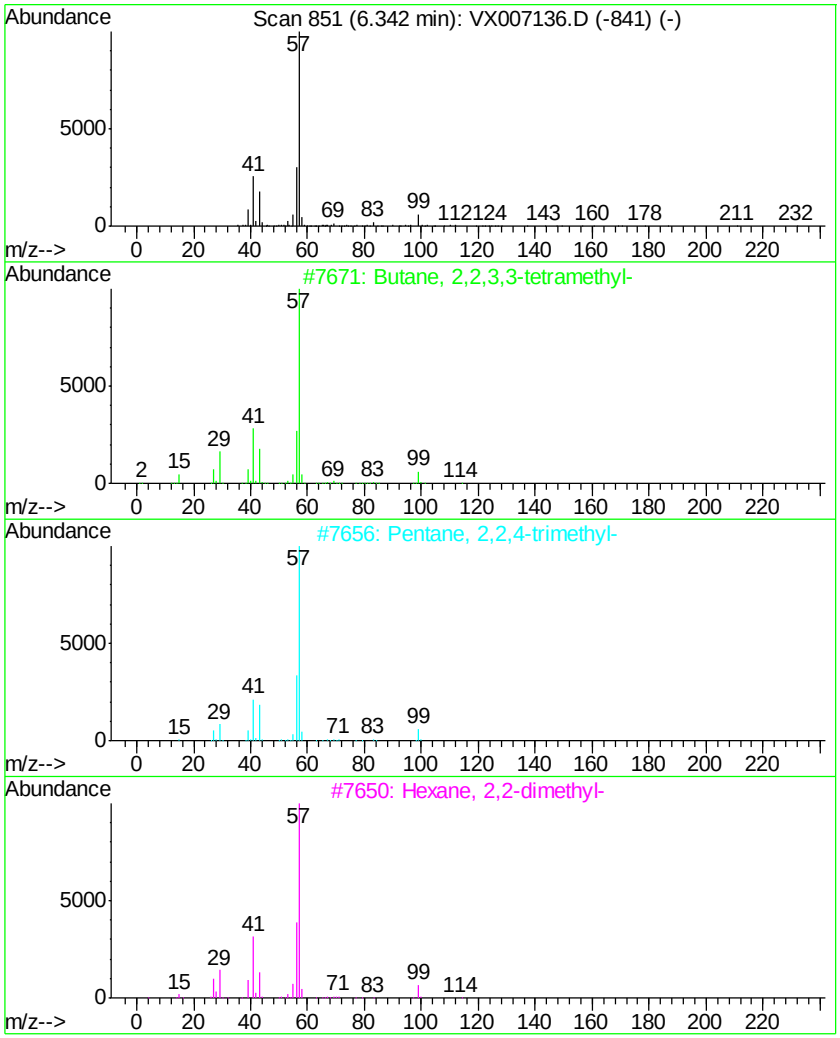
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

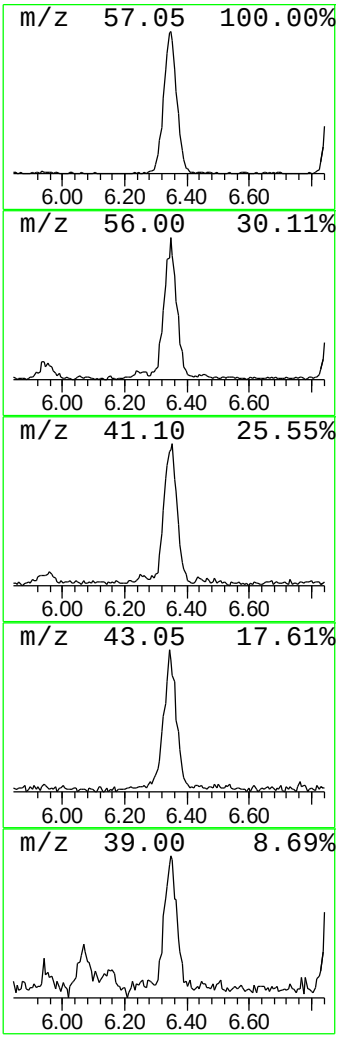
****

Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	7.07 ug/l	242628	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	45
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007136.D
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Operator : JC/SP
Sample : K1195-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038RW082-160116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

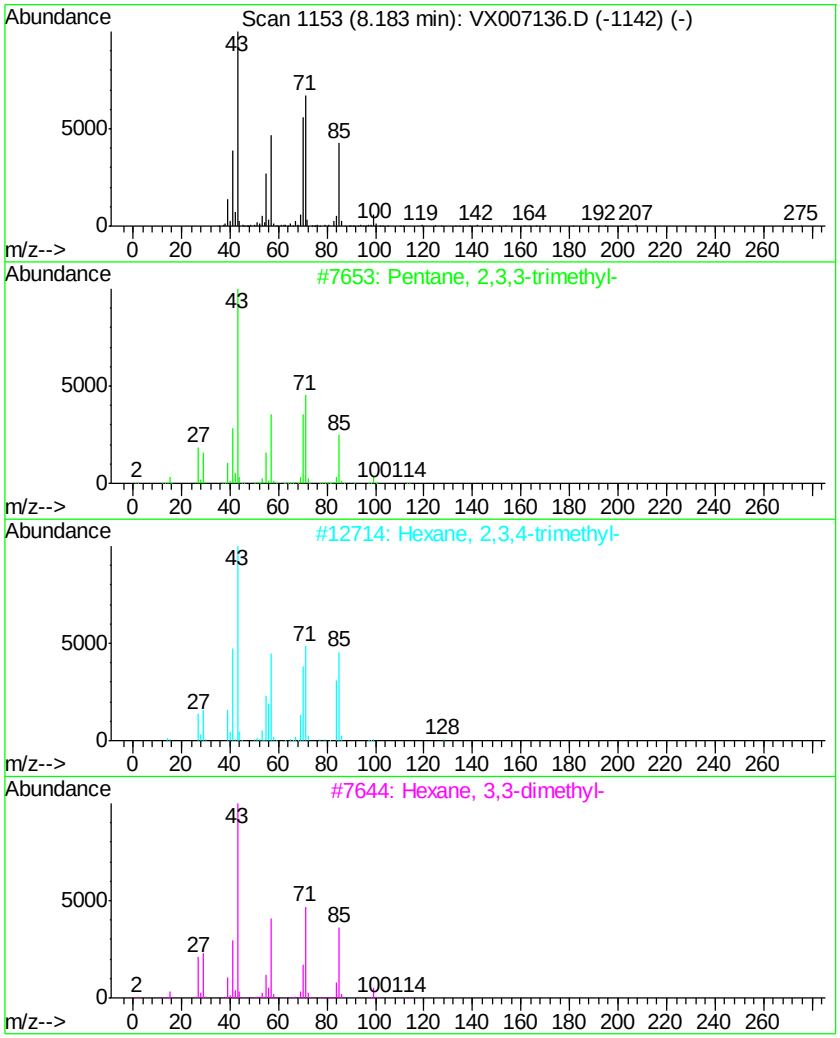
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

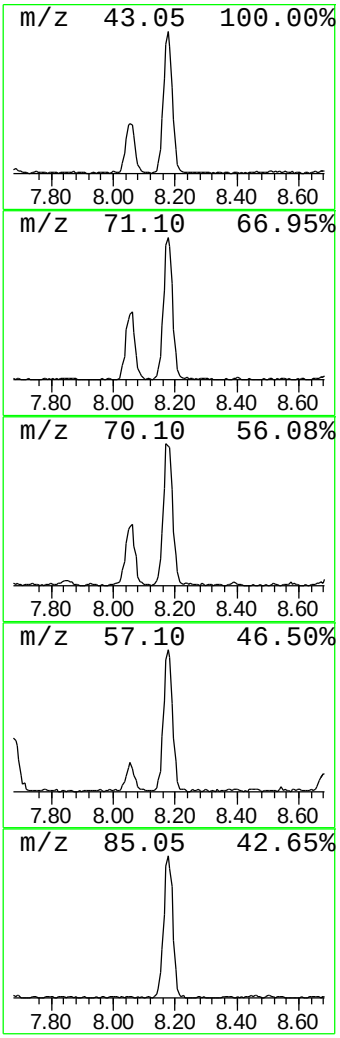
****

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	8.31 ug/l	285510	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59
5	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007136.D
Acq On : 18 Jan 2019 15:48
Operator : JC/SP
Sample : K1195-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038RW082-160116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

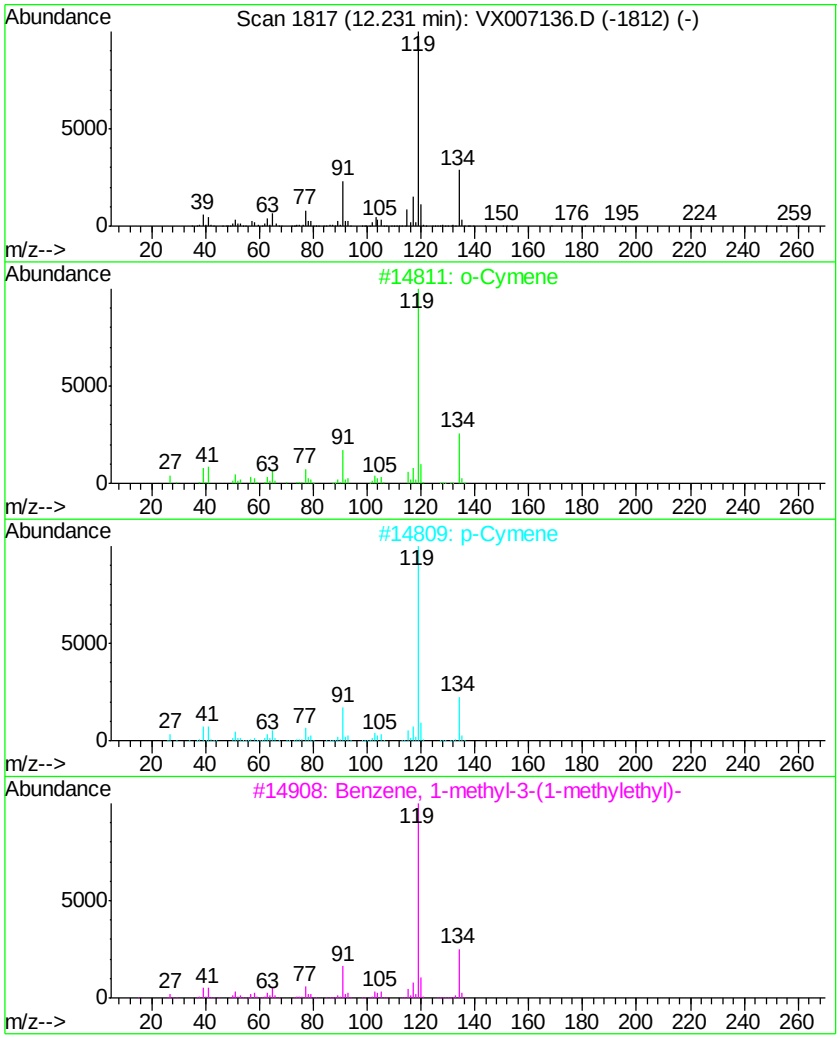
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

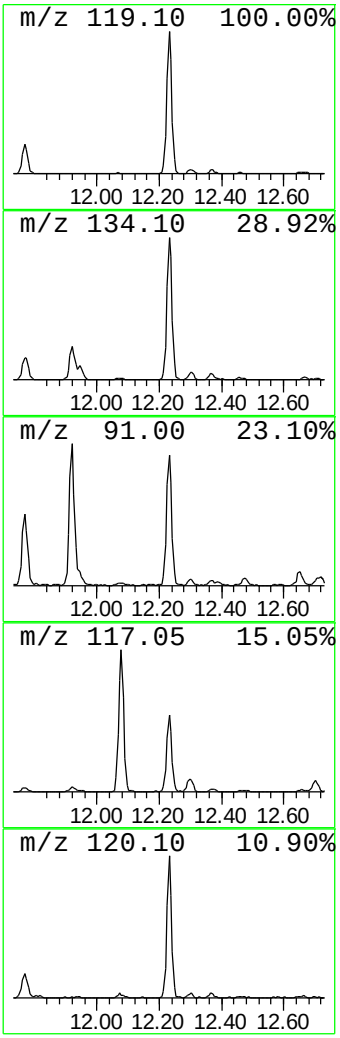
****

Peak Number 4 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	14.64 ug/l	639552	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Library Search Compound Report

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Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038RW082-160116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

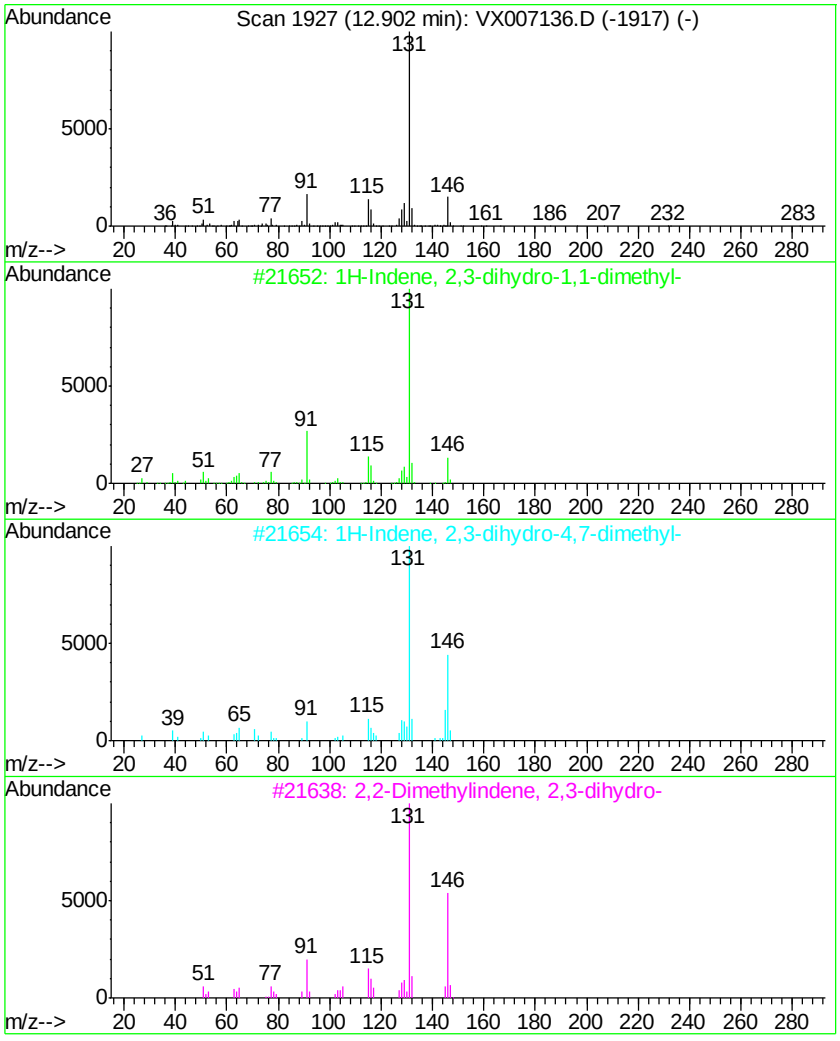
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

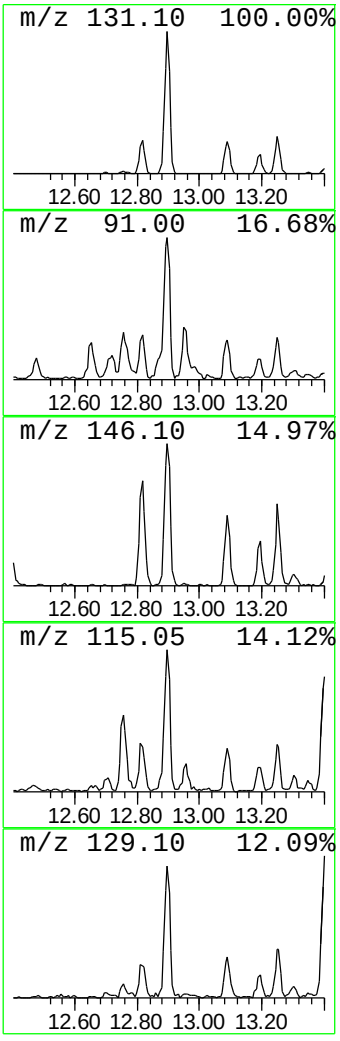
****

Peak Number 5 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	10.40 ug/l	454432	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	86
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,3-dimet...	2.84	5.4	ug/l	155467	1	5.67	1432540	50.0
Butane, 2,2,3,3-t...	6.34	7.1	ug/l	242628	2	6.86	1716990	50.0
Pentane, 2,3,3-tr...	8.18	8.3	ug/l	285510	2	6.86	1716990	50.0
o-Cymene	12.23	14.6	ug/l	639552	4	12.08	2184600	50.0
1H-Indene, 2,3-di...	12.90	10.4	ug/l	454432	4	12.08	2184600	50.0