LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010698.D
Acq On : 08 Jul 2019 16:12
Operator : JC/SP
Sample : K3664-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

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\82X061919W.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	1.276	16	20	26	rBV	15041	22448	2.09%	0.252%
2	1.794	99	105	111	rBV	23941	34875	3.25%	0.392%
3	2.001	135	139	146	rVB	9603	13814	1.29%	0.155%
4	2.397	196	204	210	rBV	35497	72866	6.79%	0.819%
5	2.605	232	238	245	rBV	28243	51426	4.79%	0.578%
6	2.843	269	277	282	rBV2	31145	71617	6.68%	0.805%
7	2.891	282	285	295	rVV	20426	42323	3.95%	0.476%
8	3.013	299	305	312	rBV	7341	16741	1.56%	0.188%
9	3.172	322	331	341	rBV	63553	147498	13.75%	1.658%
10	4.403	524	533	544	rVB2	35342	105809	9.86%	1.189%
11	4.684	572	579	594	rVB2	5899	21191	1.98%	0.238%
12	5.238	661	670	681	rVB3	7947	26314	2.45%	0.296%
13	5.501	700	713	720	rBV	126328	362888	33.83%	4.079%
14	5.580	721	726	731	rVV	32144	89090	8.30%	1.001%
15	5.659	731	739	762	rVB	216931	661240	61.64%	7.432%
16	5.952	773	787	795	rBV5	17285	58854	5.49%	0.662%
17	6.061	795	805	818	rVB	122804	319537	29.79%	3.591%
18	6.263	827	838	847	rBV4	16476	51532	4.80%	0.579%
19	6.360	847	854	862	rVV3	15435	44949	4.19%	0.505%
20	6.452	862	869	880	rVB5	11160	31987	2.98%	0.360%
21	6.860	925	936	946	rBV	327357	763553	71.17%	8.582%
22	7.464	1024	1035	1043	rVB2	56987	139463	13.00%	1.568%
23	7.848	1091	1098	1106	rVV3	10000	20692	1.93%	0.233%
24	8.025	1122	1127	1138	rVB4	12970	28364	2.64%	0.319%
25	8.390	1178	1187	1194	rBV5	9315	21039	1.96%	0.236%
26	8.665	1225	1232	1234	rBV2	12335	20160	1.88%	0.227%
27	8.713	1234	1240	1250	rVB	688053	1072783	100.00%	12.058%
28	8.835	1255	1260	1267	rVB	21330	36617	3.41%	0.412%
29	9.037	1288	1293	1300	rVB	41501	65278	6.08%	0.734%
30	9.165	1306	1314	1320	rVB4	10691	19214	1.79%	0.216%
31	9.567	1375	1380	1386	rBV3	9207	16074	1.50%	0.181%
32	9.677	1393	1398	1403	rBV2	14892	23416	2.18%	0.263%
33	10.110	1462	1469	1476	rBV	686751	911230	84.94%	10.242%
34	10.183	1476	1481	1486	rVV	16505	27288	2.54%	0.307%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010698.D
Acq On : 08 Jul 2019 16:12
Operator : JC/SP
Sample : K3664-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

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\82X061919W.M
Title : SW846 8260

35	10.250	1486	1492	1499	rVV	79074	106723	9.95%	1.200%
36	10.353	1501	1509	1516	rVV	100419	161867	15.09%	1.819%
37	10.658	1550	1559	1564	rBV8	5790	11830	1.10%	0.133%
38	11.018	1613	1618	1624	rBV	53189	70154	6.54%	0.789%
39	11.134	1632	1637	1643	rBV	577958	727046	67.77%	8.172%
40	11.359	1668	1674	1680	rBV	77817	97542	9.09%	1.096%
41	11.432	1680	1686	1688	rVV	31688	44677	4.16%	0.502%
42	11.451	1688	1689	1694	rVV	30190	30081	2.80%	0.338%
43	11.506	1694	1698	1708	rVB	57537	75849	7.07%	0.853%
44	11.670	1720	1725	1731	rBV4	7590	11345	1.06%	0.128%
45	11.804	1743	1747	1754	rVB	152823	186217	17.36%	2.093%
46	11.920	1759	1766	1767	rBV	15170	20795	1.94%	0.234%
47	11.945	1767	1770	1774	rVB	44853	55607	5.18%	0.625%
48	12.024	1777	1783	1786	rBV	8947	10842	1.01%	0.122%
49	12.079	1786	1792	1798	rBV	672732	881513	82.17%	9.908%
50	12.140	1798	1802	1809	rVB	28940	38170	3.56%	0.429%
51	12.231	1812	1817	1820	rBV	15405	19999	1.86%	0.225%
52	12.298	1824	1828	1835	rVB	53267	73613	6.86%	0.827%
53	12.371	1835	1840	1847	rVB3	23815	39908	3.72%	0.449%
54	12.457	1850	1854	1859	rBV	14436	18741	1.75%	0.211%
55	12.518	1859	1864	1870	rBV	25294	32732	3.05%	0.368%
56	12.585	1870	1875	1877	rBV	33383	43698	4.07%	0.491%
57	12.609	1877	1879	1882	rVV	30619	31105	2.90%	0.350%
58	12.664	1884	1888	1891	rVV	25755	31574	2.94%	0.355%
59	12.701	1891	1894	1898	rVV	18085	21044	1.96%	0.237%
60	12.755	1898	1903	1910	rVV3	48924	88167	8.22%	0.991%
61	12.896	1919	1926	1932	rVB3	26915	42011	3.92%	0.472%
62	12.975	1932	1939	1942	rBV	18574	28468	2.65%	0.320%
63	13.018	1942	1946	1951	rVB	50957	62663	5.84%	0.704%
64	13.085	1951	1957	1962	rBV3	9684	15621	1.46%	0.176%
65	13.188	1970	1974	1977	rBV	8913	12182	1.14%	0.137%
66	13.225	1977	1980	1983	rBV	9838	10831	1.01%	0.122%
67	13.347	1995	2000	2006	rVB2	60267	87866	8.19%	0.988%
68	13.475	2017	2021	2028	rVB	35335	49643	4.63%	0.558%
69	13.560	2028	2035	2037	rBV4	7457	12379	1.15%	0.139%
70	13.597	2037	2041	2044	rVV	11934	18150	1.69%	0.204%
71	13.639	2044	2048	2052	rVV3	18271	34240	3.19%	0.385%

LSC Area Percent Report

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Data File : VX010698.D
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Operator : JC/SP
Sample : K3664-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

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\82X061919W.M
Title : SW846 8260

72	13.694	2052	2057	2058	rVV3	15209	23001	2.14%	0.259%
73	13.719	2058	2061	2069	rVV2	21329	32009	2.98%	0.360%
74	13.834	2077	2080	2088	rVB2	10652	21038	1.96%	0.236%
75	13.908	2088	2092	2097	rBV4	7988	11177	1.04%	0.126%
76	13.981	2100	2104	2108	rVV2	14488	21758	2.03%	0.245%
77	14.286	2148	2154	2159	rVB3	15212	26843	2.50%	0.302%
78	14.536	2191	2195	2200	rBV3	20752	26945	2.51%	0.303%
79	14.834	2238	2244	2251	rBV3	9550	17208	1.60%	0.193%

Sum of corrected areas: 8897042

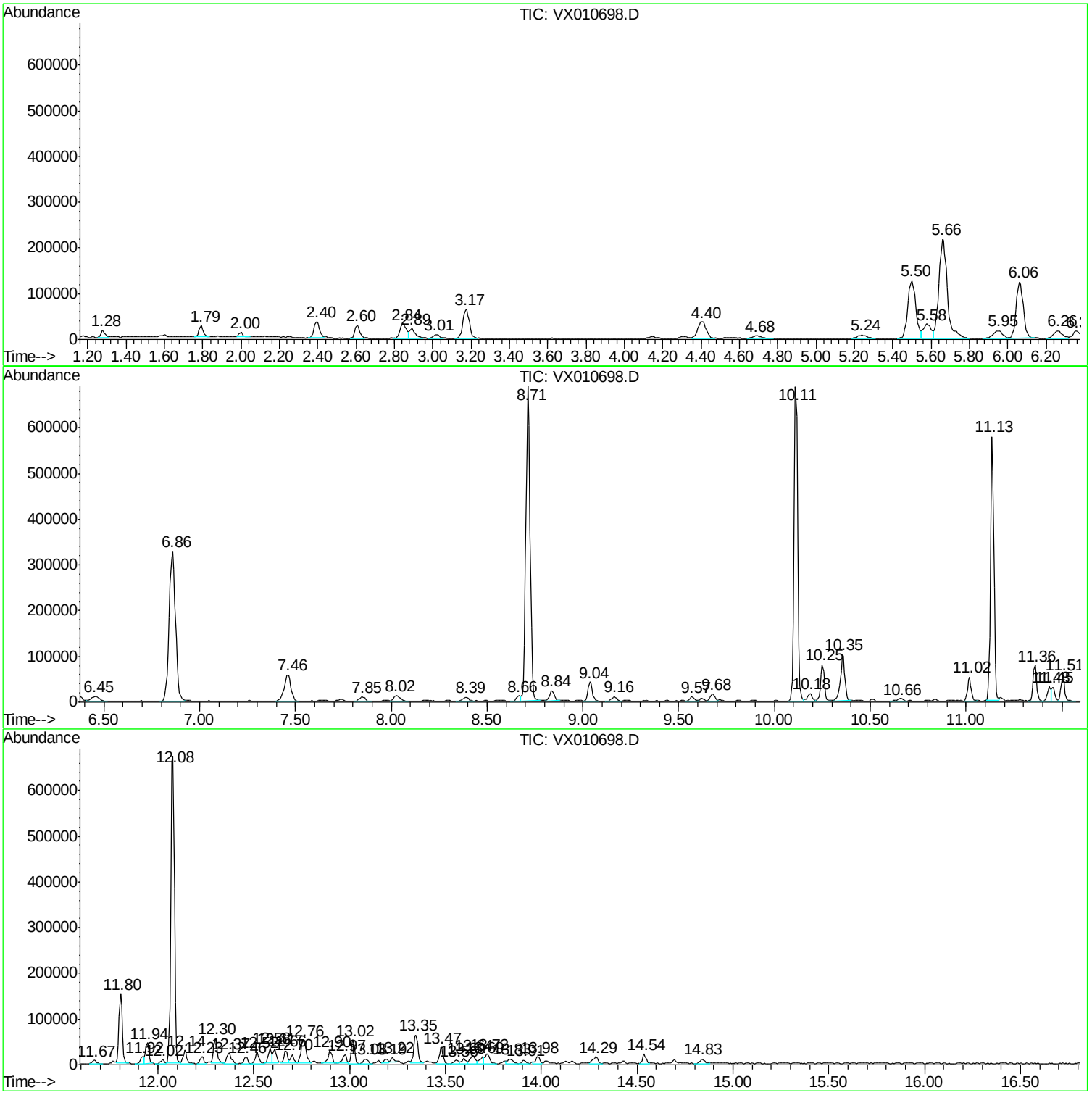
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010698.D
Acq On : 08 Jul 2019 16:12
Operator : JC/SP
Sample : K3664-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0586

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010698.D
Acq On : 08 Jul 2019 16:12
Operator : JC/SP
Sample : K3664-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

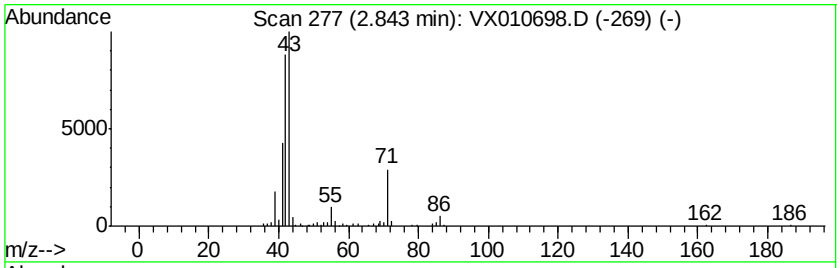
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

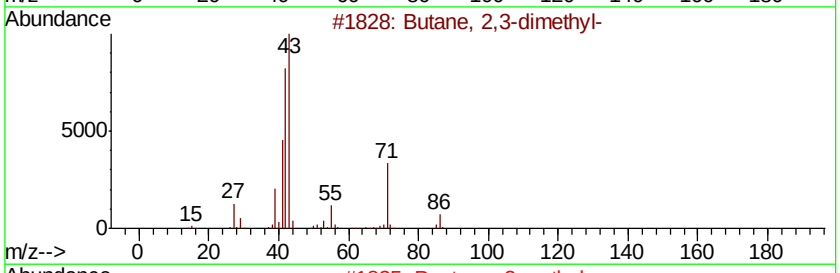
****

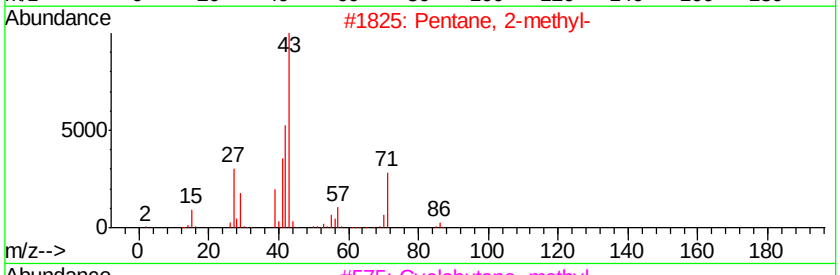
Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 3

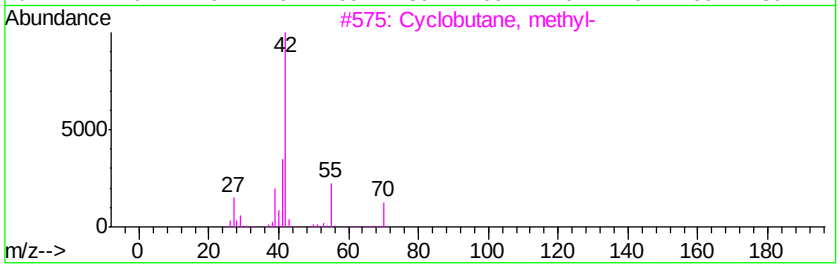
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	5.42 ug/l	71617	Pentafluorobenzene	5.67

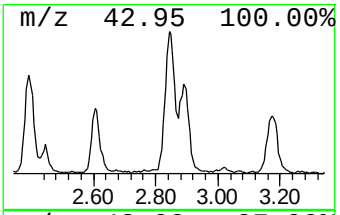
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	47
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	37
4	Tetrahydrofuran	72	C4H8O	000109-99-9	36
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25

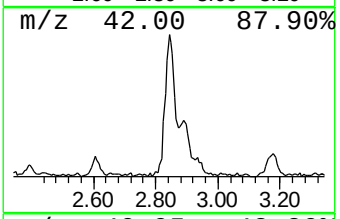


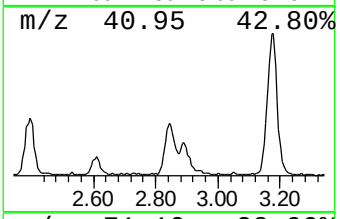


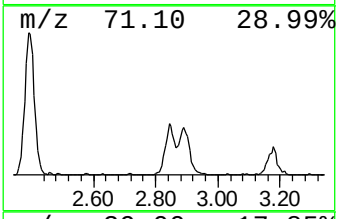


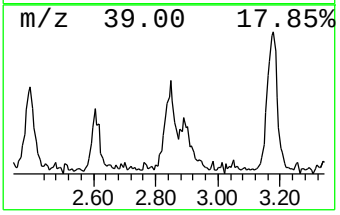












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010698.D
Acq On : 08 Jul 2019 16:12
Operator : JC/SP
Sample : K3664-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

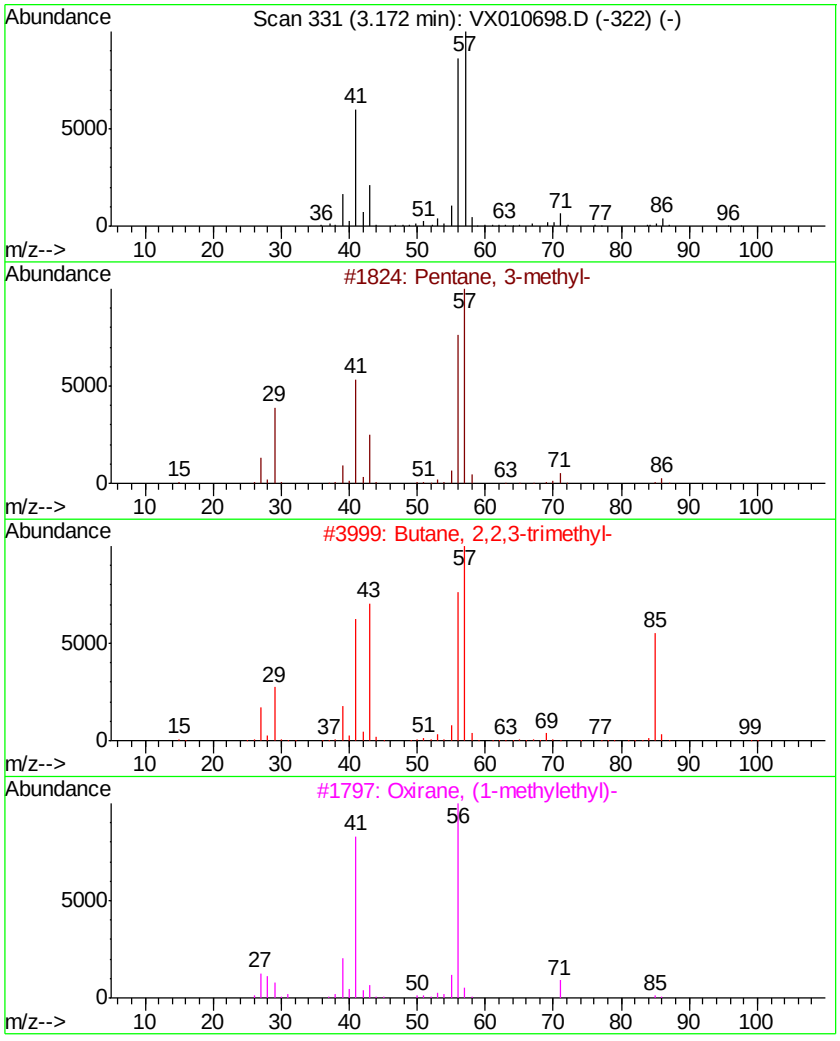
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

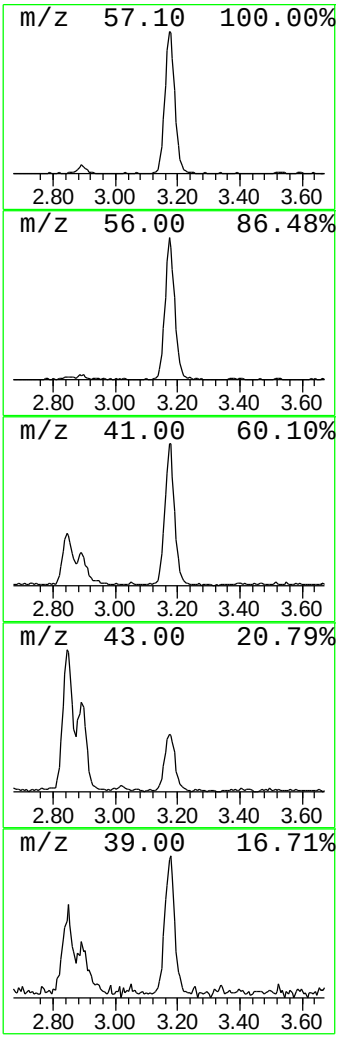
****

Peak Number 2 Pentane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	11.15 ug/l	147498	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

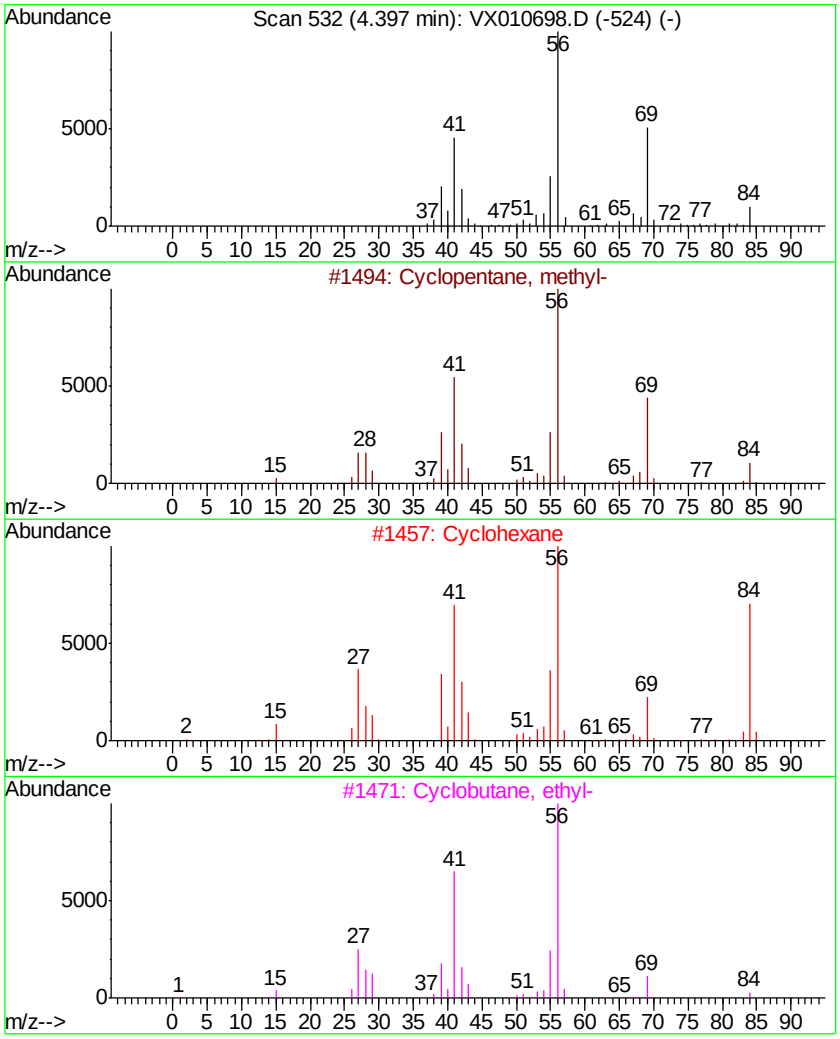
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

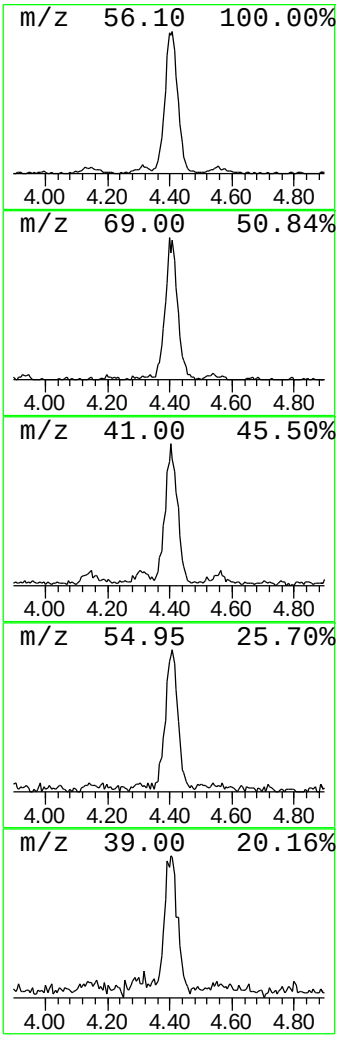
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	8.00 ug/l	105809	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	64
5	Cyclobutane	56	C4H8	000287-23-0	40





Library Search Compound Report

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

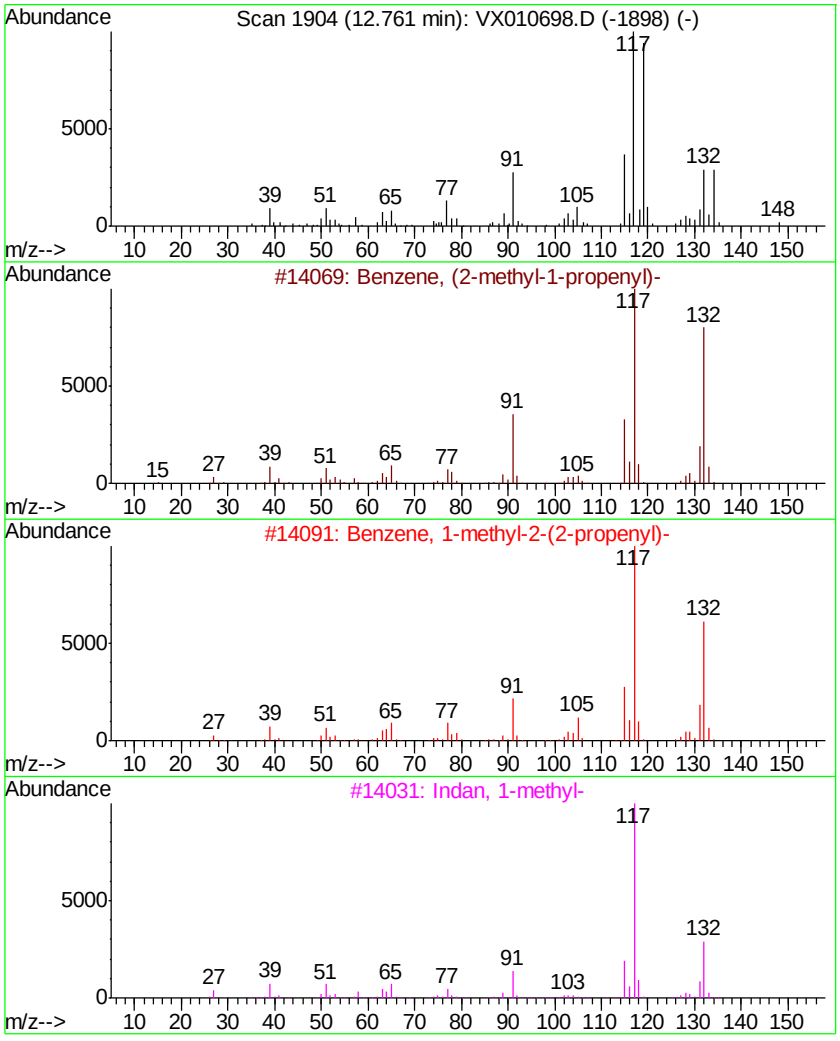
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

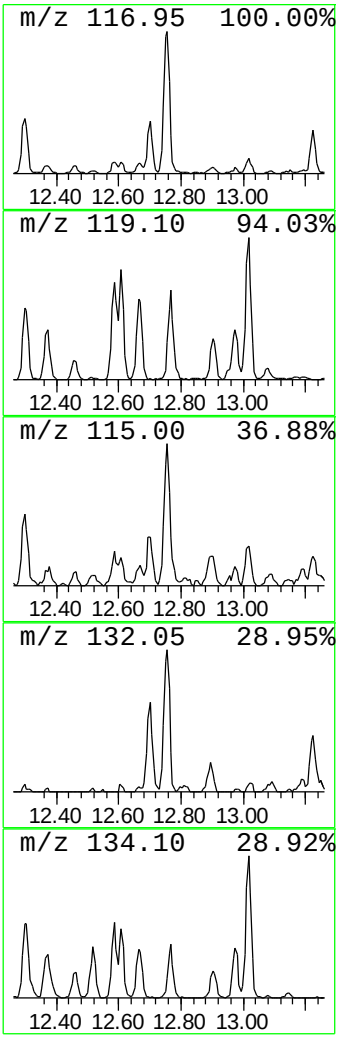
****

Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	5.00 ug/l	88167	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
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Acq On : 08 Jul 2019 16:12
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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
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	71617	1	5.67	661240	50.0
Pentane, 3-methyl-	3.17	11.2	ug/l	147498	1	5.67	661240	50.0
Cyclopentane, met...	4.40	8.0	ug/l	105809	1	5.67	661240	50.0
Benzene, (2-methy...	12.76	5.0	ug/l	88167	4	12.08	881513	50.0