LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010678.D
Acq On : 04 Jul 2019 09:25
Operator : JC/SP
Sample : K3664-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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	27	rBV	48177	64645	5.84%	0.698%
2	1.788	100	104	111	rBV	22359	32790	2.96%	0.354%
3	2.001	134	139	144	rVB2	11019	15292	1.38%	0.165%
4	2.397	196	204	210	rBV	39388	81419	7.36%	0.879%
5	2.605	232	238	248	rBV	12800	24471	2.21%	0.264%
6	2.842	270	277	282	rBV	32772	77672	7.02%	0.838%
7	2.891	282	285	296	rVB2	21217	43933	3.97%	0.474%
8	3.178	323	332	341	rBV	66879	156353	14.13%	1.687%
9	4.403	524	533	546	rVB	40098	114767	10.37%	1.239%
10	5.244	661	671	684	rVB2	8573	29547	2.67%	0.319%
11	5.500	698	713	721	rBV	132200	376521	34.04%	4.064%
12	5.586	721	727	731	rVV2	32436	91935	8.31%	0.992%
13	5.659	731	739	759	rVB	224325	679862	61.46%	7.338%
14	5.952	775	787	796	rBV5	18534	59880	5.41%	0.646%
15	6.061	796	805	820	rVB	130127	332767	30.08%	3.591%
16	6.263	830	838	846	rBV3	16731	50885	4.60%	0.549%
17	6.360	847	854	862	rVV4	16155	42585	3.85%	0.460%
18	6.452	862	869	880	rVB2	11429	30100	2.72%	0.325%
19	6.860	926	936	946	rBV	331731	793195	71.70%	8.561%
20	7.464	1021	1035	1043	rBV3	61765	152127	13.75%	1.642%
21	7.848	1091	1098	1106	rVB4	10268	21228	1.92%	0.229%
22	8.024	1121	1127	1144	rVB3	13703	32309	2.92%	0.349%
23	8.390	1181	1187	1195	rBV3	9500	18478	1.67%	0.199%
24	8.671	1225	1233	1234	rBV2	12075	20954	1.89%	0.226%
25	8.713	1234	1240	1248	rVB	704720	1106225	100.00%	11.939%
26	8.841	1254	1261	1265	rBV	22589	38274	3.46%	0.413%
27	9.043	1287	1294	1301	rVB	40809	69311	6.27%	0.748%
28	9.164	1306	1314	1319	rVB3	11047	19461	1.76%	0.210%
29	9.573	1372	1381	1385	rBV3	9452	16412	1.48%	0.177%
30	9.677	1393	1398	1402	rBV	14366	21534	1.95%	0.232%
31	10.109	1462	1469	1476	rBV	696027	945412	85.46%	10.204%
32	10.183	1476	1481	1487	rVV	17236	30411	2.75%	0.328%
33	10.250	1487	1492	1498	rVV	87092	116300	10.51%	1.255%
34	10.359	1501	1510	1515	rVV	110424	179697	16.24%	1.939%

LSC Area Percent Report

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Operator : JC/SP
Sample : K3664-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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	11.018	1612	1618	1624	rBV	55076	69677	6.30%	0.752%
36	11.134	1632	1637	1643	rBV	594420	760995	68.79%	8.213%
37	11.359	1668	1674	1681	rBV	84302	103898	9.39%	1.121%
38	11.432	1681	1686	1688	rBV	32901	47662	4.31%	0.514%
39	11.506	1694	1698	1704	rVB	58885	74546	6.74%	0.805%
40	11.670	1721	1725	1729	rVB	11071	13063	1.18%	0.141%
41	11.804	1743	1747	1754	rVB	163366	202249	18.28%	2.183%
42	11.920	1761	1766	1767	rBV	14868	20083	1.82%	0.217%
43	11.944	1767	1770	1776	rVB	48620	59891	5.41%	0.646%
44	12.024	1778	1783	1786	rBV	9359	12107	1.09%	0.131%
45	12.079	1786	1792	1798	rVV	706351	917022	82.90%	9.897%
46	12.140	1798	1802	1811	rVB	34390	46816	4.23%	0.505%
47	12.231	1813	1817	1821	rBV	15817	20491	1.85%	0.221%
48	12.298	1821	1828	1835	rBV	58495	79893	7.22%	0.862%
49	12.371	1835	1840	1848	rVB3	25802	43221	3.91%	0.466%
50	12.457	1848	1854	1859	rVB2	15445	20555	1.86%	0.222%
51	12.518	1859	1864	1869	rBV	28372	35499	3.21%	0.383%
52	12.585	1869	1875	1877	rBV	35917	47842	4.32%	0.516%
53	12.609	1877	1879	1882	rVV	32963	34182	3.09%	0.369%
54	12.664	1884	1888	1891	rVV	29286	34535	3.12%	0.373%
55	12.700	1891	1894	1899	rVB	18849	22980	2.08%	0.248%
56	12.755	1899	1903	1910	rBV2	52381	93579	8.46%	1.010%
57	12.896	1921	1926	1932	rVB2	28107	43742	3.95%	0.472%
58	12.975	1932	1939	1942	rBV	21628	32769	2.96%	0.354%
59	13.017	1942	1946	1952	rVB	53297	66117	5.98%	0.714%
60	13.085	1952	1957	1963	rVB3	10541	16555	1.50%	0.179%
61	13.188	1971	1974	1977	rBV	10176	11983	1.08%	0.129%
62	13.225	1977	1980	1983	rBV	10718	11765	1.06%	0.127%
63	13.347	1995	2000	2005	rVB2	65364	94611	8.55%	1.021%
64	13.475	2017	2021	2028	rVB	37799	50279	4.55%	0.543%
65	13.560	2031	2035	2038	rVV5	7227	12925	1.17%	0.139%
66	13.597	2038	2041	2044	rVV2	11673	17135	1.55%	0.185%
67	13.639	2044	2048	2053	rVV4	20150	39112	3.54%	0.422%
68	13.694	2053	2057	2059	rVV3	16144	27425	2.48%	0.296%
69	13.719	2059	2061	2067	rVB2	22168	27733	2.51%	0.299%
70	13.834	2077	2080	2087	rVB2	15593	28586	2.58%	0.309%
71	13.908	2087	2092	2097	rBV3	7546	12310	1.11%	0.133%

LSC Area Percent Report

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Sample : K3664-05
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ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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

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Peak separation: 5

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

72	13.981	2097	2104	2108	rVV2	16365	22861	2.07%	0.247%
73	14.286	2148	2154	2159	rVB3	16451	26799	2.42%	0.289%
74	14.535	2191	2195	2203	rVB2	22728	30317	2.74%	0.327%
75	14.694	2216	2221	2225	rBV	17304	23104	2.09%	0.249%
76	14.834	2239	2244	2249	rBV2	14175	21795	1.97%	0.235%

Sum of corrected areas: 9265461

LSC Report - Integrated Chromatogram

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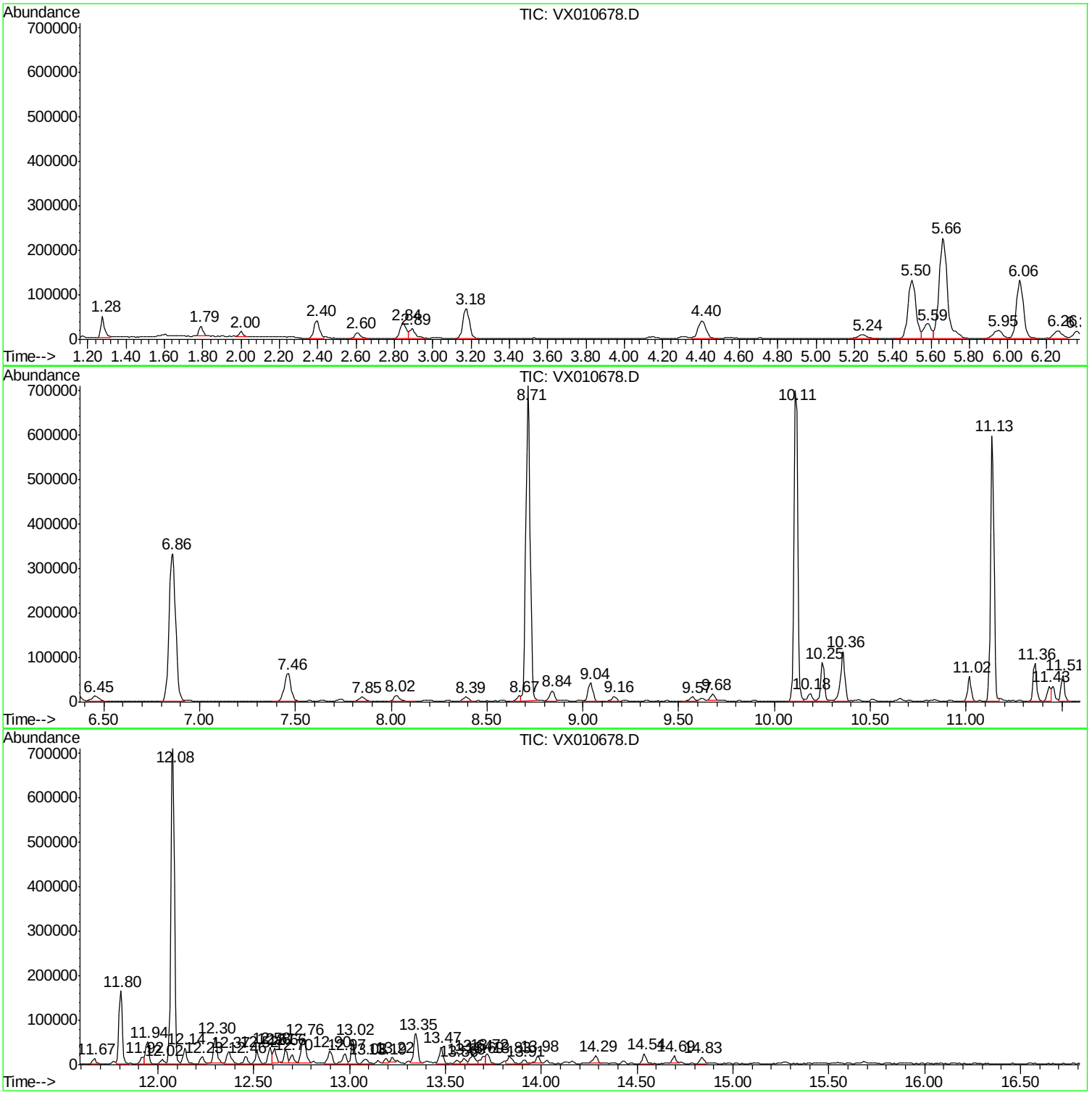
Data File : VX010678.D
Acq On : 04 Jul 2019 09:25
Operator : JC/SP
Sample : K3664-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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\VX070319\
Data File : VX010678.D
Acq On : 04 Jul 2019 09:25
Operator : JC/SP
Sample : K3664-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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

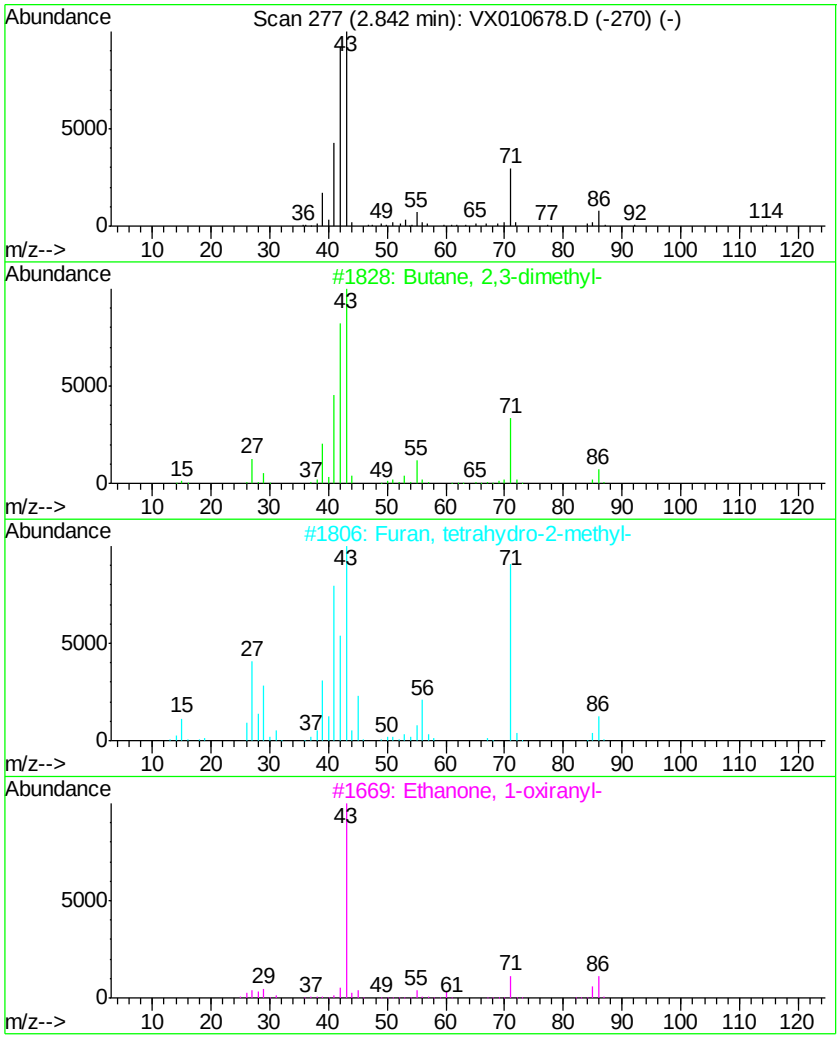
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

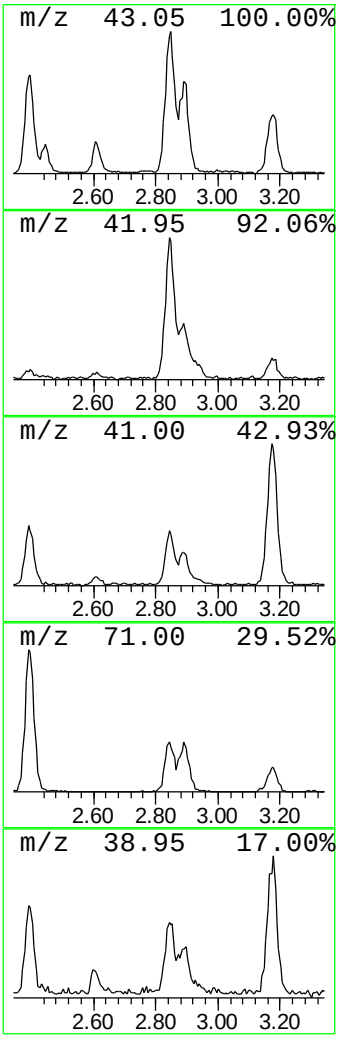
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	5.71 ug/l	77672	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	10
3	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	9
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	9
5	1-Pentanethiol	104	C5H12S	000110-66-7	9





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Operator : JC/SP
Sample : K3664-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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

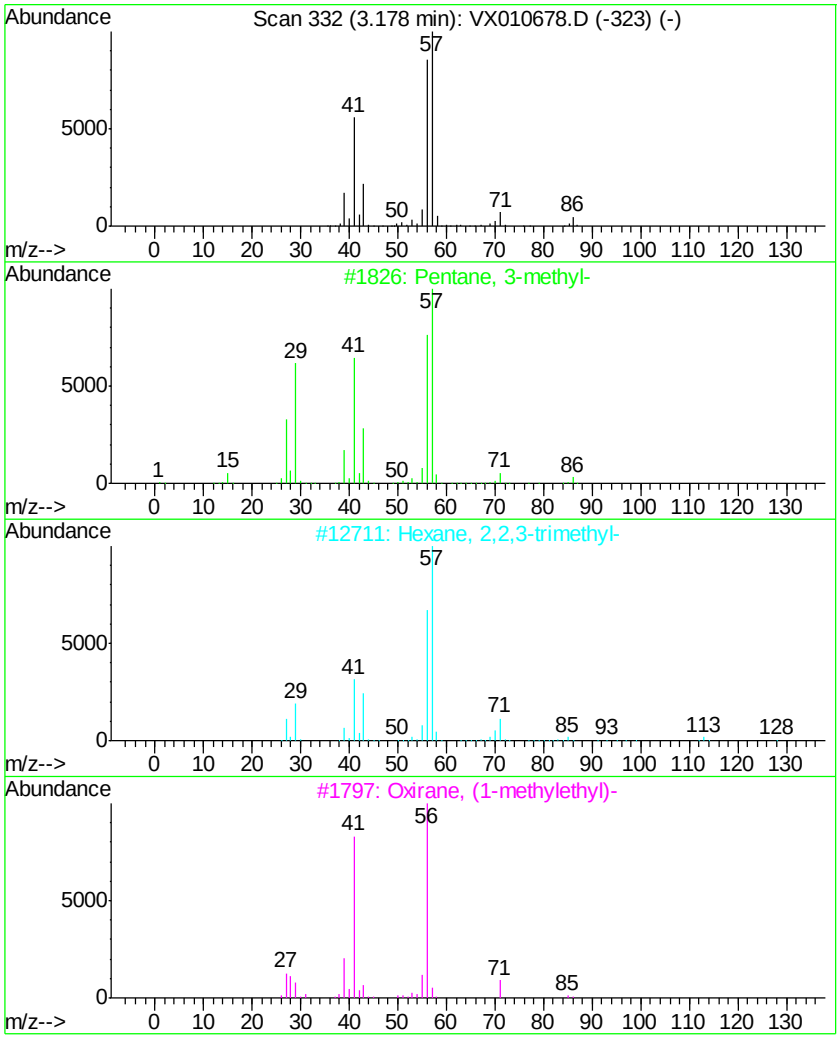
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

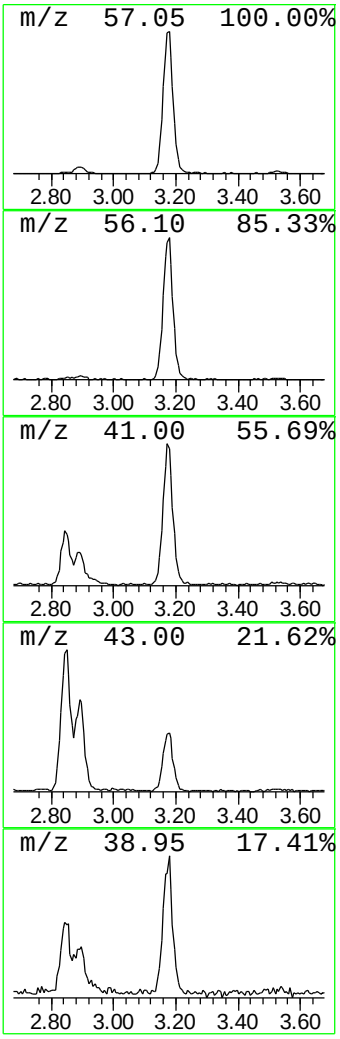
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	11.50 ug/l	156353	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	56
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010678.D
Acq On : 04 Jul 2019 09:25
Operator : JC/SP
Sample : K3664-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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

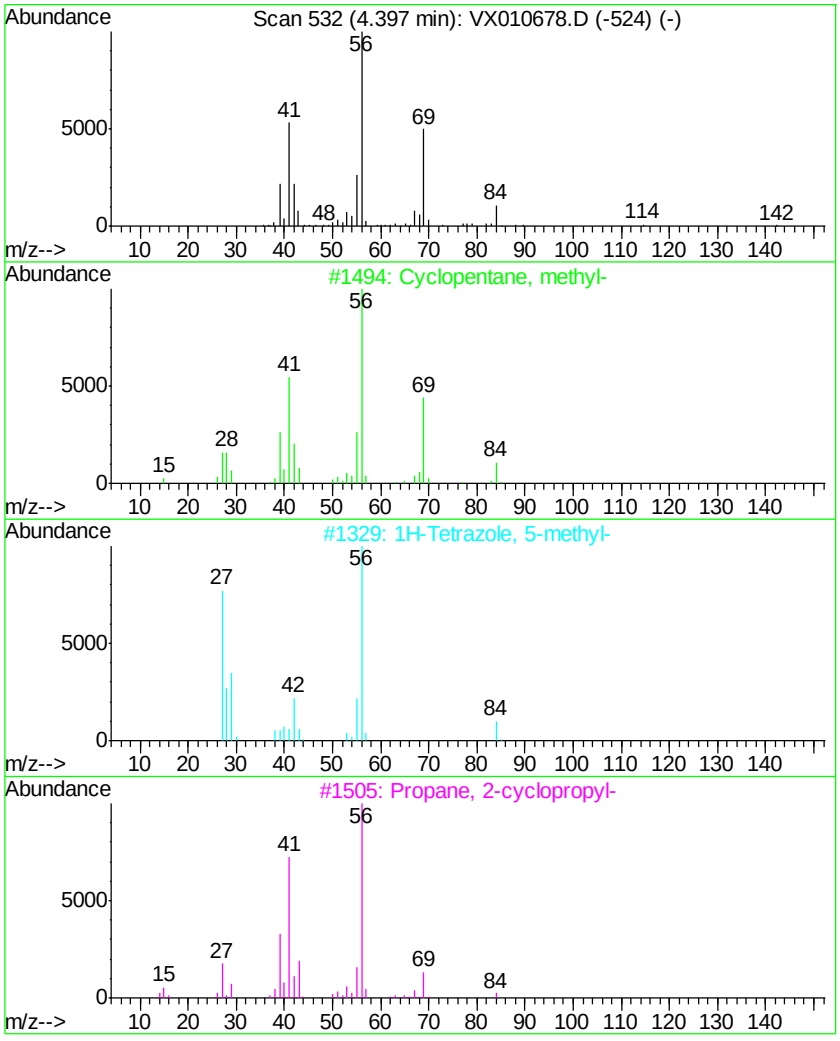
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

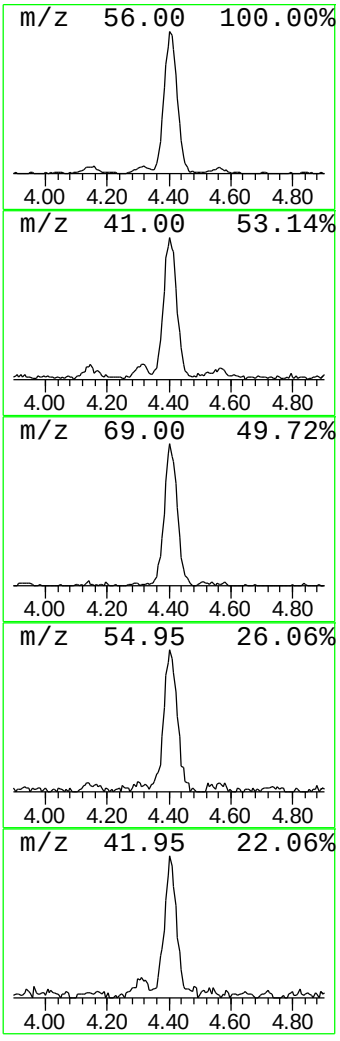
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	8.44 ug/l	114767	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
5	Cyclobutane	56	C4H8	000287-23-0	50





Library Search Compound Report

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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

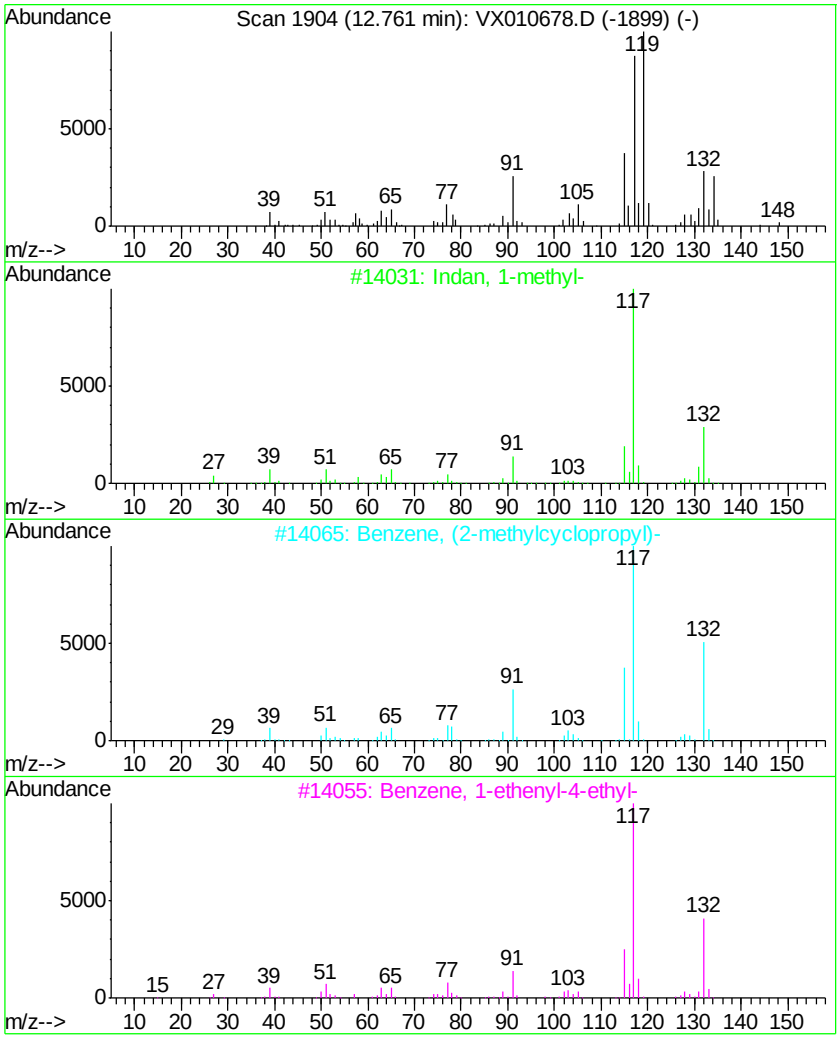
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

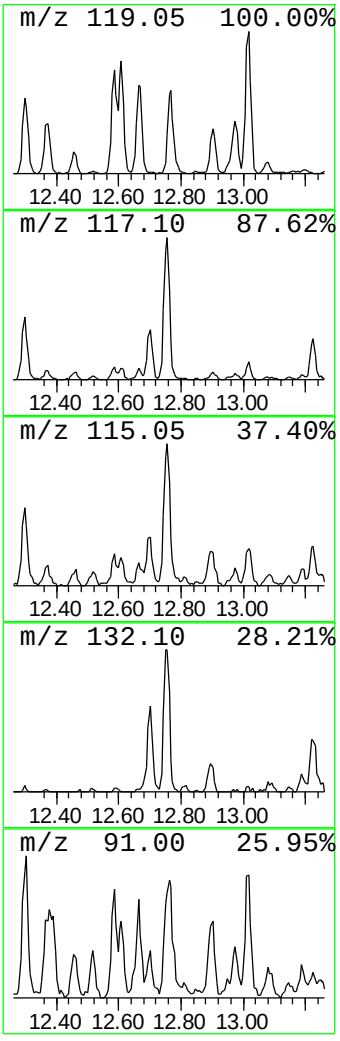
****

Peak Number 4 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	5.10 ug/l	93579	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	76
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74





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ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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

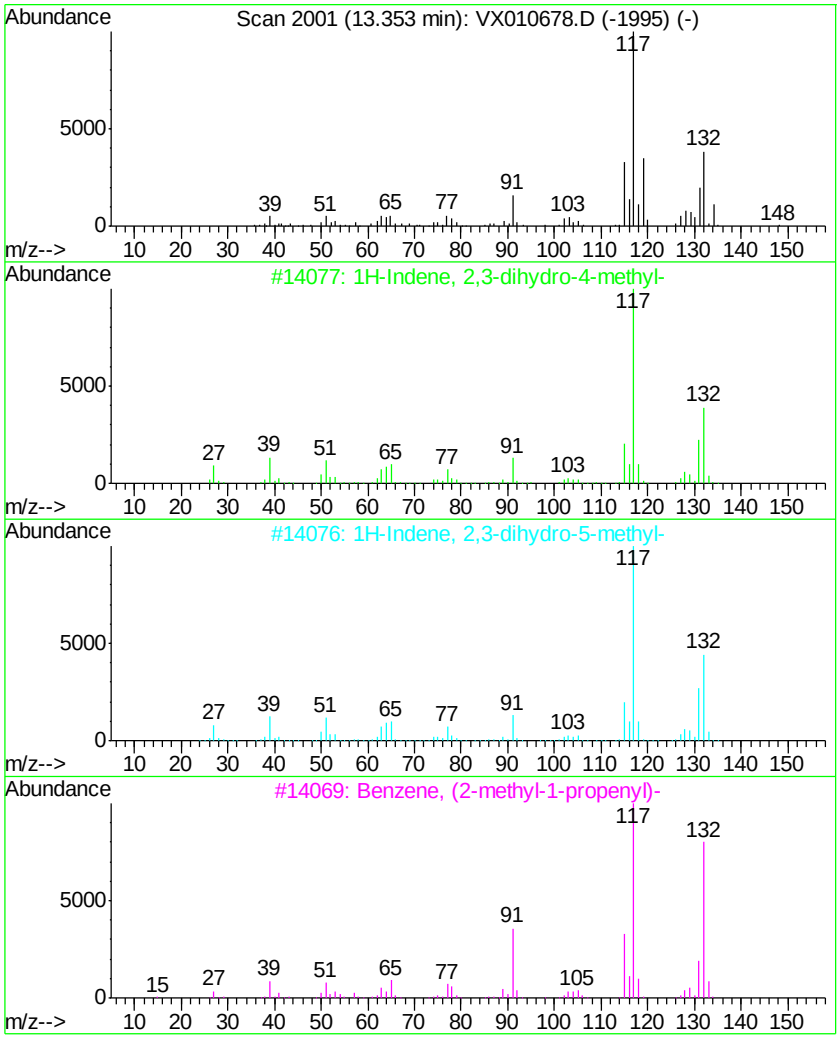
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

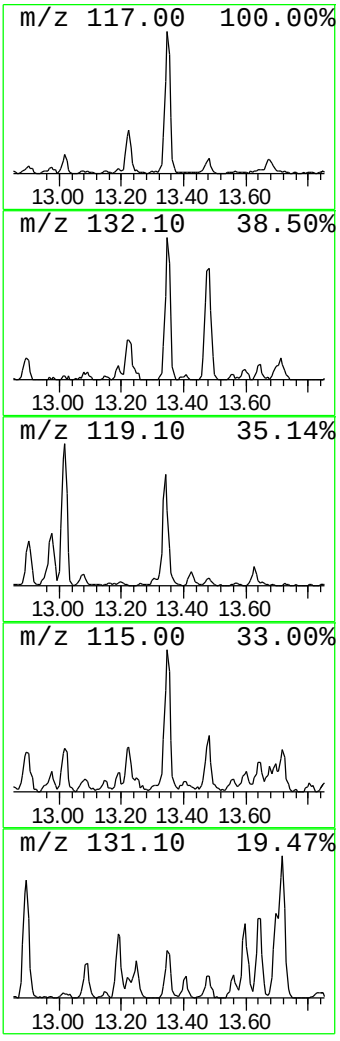
****

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	5.16 ug/l	94611	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
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ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0585

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	5.7	ug/l	77672	1	5.66	679862	50.0
Pentane, 3-methyl-	3.18	11.5	ug/l	156353	1	5.66	679862	50.0
Cyclopentane, met...	4.40	8.4	ug/l	114767	1	5.66	679862	50.0
Indan, 1-methyl-	12.76	5.1	ug/l	93579	4	12.08	917022	50.0
1H-Indene, 2,3-di...	13.35	5.2	ug/l	94611	4	12.08	917022	50.0