LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010679.D
Acq On : 04 Jul 2019 09:48
Operator : JC/SP
Sample : K3664-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 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	28	rBV	41922	57266	4.93%	0.602%
2	1.788	98	104	113	rBV	23927	36982	3.18%	0.389%
3	2.001	135	139	145	rVB	10285	13905	1.20%	0.146%
4	2.392	197	203	210	rBV	37037	74622	6.42%	0.785%
5	2.605	231	238	250	rVB	25694	49995	4.30%	0.526%
6	2.843	270	277	282	rBV	33401	72995	6.28%	0.768%
7	2.892	282	285	300	rVB2	21530	44684	3.84%	0.470%
8	3.172	320	331	343	rBV	62681	150928	12.99%	1.588%
9	4.410	524	534	547	rVB	38145	114042	9.81%	1.200%
10	5.245	659	671	680	rBV3	7701	26524	2.28%	0.279%
11	5.501	702	713	721	rBV	136053	390475	33.60%	4.108%
12	5.586	721	727	731	rVV2	32788	94375	8.12%	0.993%
13	5.659	731	739	761	rVB	237681	713357	61.38%	7.504%
14	5.952	774	787	795	rBV5	18770	61704	5.31%	0.649%
15	6.062	795	805	816	rVV	132227	341711	29.40%	3.595%
16	6.269	829	839	847	rBV5	16635	55822	4.80%	0.587%
17	6.360	847	854	863	rVV3	15082	45854	3.95%	0.482%
18	6.458	863	870	880	rVB4	10901	30551	2.63%	0.321%
19	6.860	924	936	949	rBV	356058	833502	71.71%	8.768%
20	7.458	1025	1034	1046	rVB2	60300	149536	12.87%	1.573%
21	7.848	1090	1098	1106	rVB2	9640	21710	1.87%	0.228%
22	8.031	1121	1128	1136	rVB4	13282	29649	2.55%	0.312%
23	8.390	1179	1187	1194	rBV6	9965	21273	1.83%	0.224%
24	8.671	1227	1233	1234	rBV3	11624	18078	1.56%	0.190%
25	8.714	1234	1240	1249	rVB	759792	1162277	100.00%	12.227%
26	8.836	1255	1260	1268	rBV	22207	37532	3.23%	0.395%
27	9.043	1287	1294	1303	rVB	40903	69069	5.94%	0.727%
28	9.165	1307	1314	1319	rVB2	10771	18943	1.63%	0.199%
29	9.567	1375	1380	1385	rVB2	8863	14619	1.26%	0.154%
30	9.677	1393	1398	1402	rBV2	15267	22750	1.96%	0.239%
31	10.110	1463	1469	1477	rBV	730025	992013	85.35%	10.435%
32	10.183	1477	1481	1487	rVV	16401	27277	2.35%	0.287%
33	10.250	1487	1492	1498	rVV	88053	115968	9.98%	1.220%
34	10.354	1501	1509	1516	rVB	112178	177968	15.31%	1.872%

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ALS Vial : 50 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

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Peak separation: 5

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Title : SW846 8260

35	11.018	1613	1618	1624	rBV	57686	74121	6.38%	0.780%
36	11.134	1631	1637	1643	rBV	617031	793140	68.24%	8.343%
37	11.359	1668	1674	1681	rVB	82380	104414	8.98%	1.098%
38	11.433	1681	1686	1688	rBV	33865	47568	4.09%	0.500%
39	11.506	1694	1698	1707	rVB	64130	78199	6.73%	0.823%
40	11.664	1721	1724	1732	rVB	9072	14267	1.23%	0.150%
41	11.805	1743	1747	1753	rVB	169531	204949	17.63%	2.156%
42	11.920	1760	1766	1767	rBV	15974	20570	1.77%	0.216%
43	11.945	1767	1770	1774	rVB	48829	59271	5.10%	0.624%
44	12.073	1786	1791	1798	rVV	720256	945502	81.35%	9.946%
45	12.140	1798	1802	1811	rVB	32536	43226	3.72%	0.455%
46	12.231	1812	1817	1821	rVB	14966	19694	1.69%	0.207%
47	12.298	1821	1828	1835	rBV	59911	83439	7.18%	0.878%
48	12.371	1835	1840	1850	rVB3	26015	42765	3.68%	0.450%
49	12.457	1850	1854	1859	rBV	15673	21062	1.81%	0.222%
50	12.518	1859	1864	1870	rBV	29039	37419	3.22%	0.394%
51	12.585	1870	1875	1877	rBV	38312	47470	4.08%	0.499%
52	12.609	1877	1879	1883	rVV	34578	34774	2.99%	0.366%
53	12.664	1883	1888	1891	rVV	27780	35049	3.02%	0.369%
54	12.701	1891	1894	1898	rVB	18715	22850	1.97%	0.240%
55	12.756	1898	1903	1910	rBV3	52599	93929	8.08%	0.988%
56	12.896	1920	1926	1931	rVB2	29587	44076	3.79%	0.464%
57	12.975	1931	1939	1942	rBV	21282	32031	2.76%	0.337%
58	13.018	1942	1946	1951	rVB	51232	66222	5.70%	0.697%
59	13.085	1952	1957	1963	rVB3	9964	16317	1.40%	0.172%
60	13.341	1995	1999	2006	rVB2	65451	97507	8.39%	1.026%
61	13.475	2017	2021	2029	rVB	38843	51303	4.41%	0.540%
62	13.554	2029	2034	2038	rVV6	7590	13888	1.19%	0.146%
63	13.597	2038	2041	2044	rVV	11635	17351	1.49%	0.183%
64	13.640	2044	2048	2053	rVV4	20225	40495	3.48%	0.426%
65	13.694	2053	2057	2058	rVV2	16356	22274	1.92%	0.234%
66	13.719	2058	2061	2069	rVB2	23260	36872	3.17%	0.388%
67	13.835	2077	2080	2087	rVB2	13026	23921	2.06%	0.252%
68	13.908	2087	2092	2097	rBV3	8178	12509	1.08%	0.132%
69	13.981	2097	2104	2108	rVV2	17077	24570	2.11%	0.258%
70	14.286	2147	2154	2159	rVB3	16393	27759	2.39%	0.292%
71	14.536	2190	2195	2200	rBV2	21336	28088	2.42%	0.295%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Title : SW846 8260

72	14.694	2212	2221	2224	rBV2	12101	20998	1.81%	0.221%
73	14.841	2238	2245	2249	rBV2	11127	18358	1.58%	0.193%

Sum of corrected areas: 9506173

LSC Report - Integrated Chromatogram

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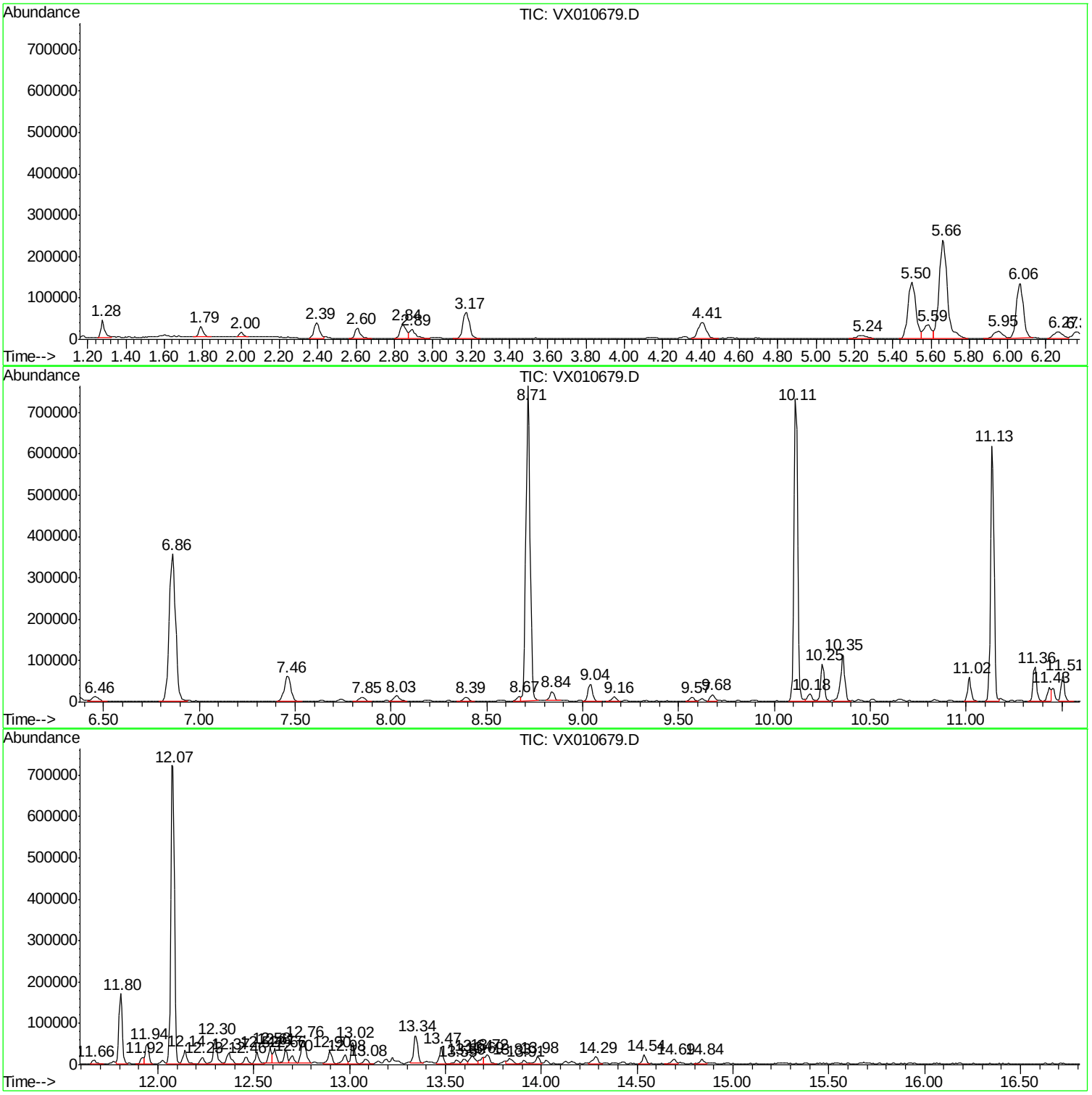
Instrument : MSVOA_X
ClientSampleId : FL-0586

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\VX070319\
Data File : VX010679.D
Acq On : 04 Jul 2019 09:48
Operator : JC/SP
Sample : K3664-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

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

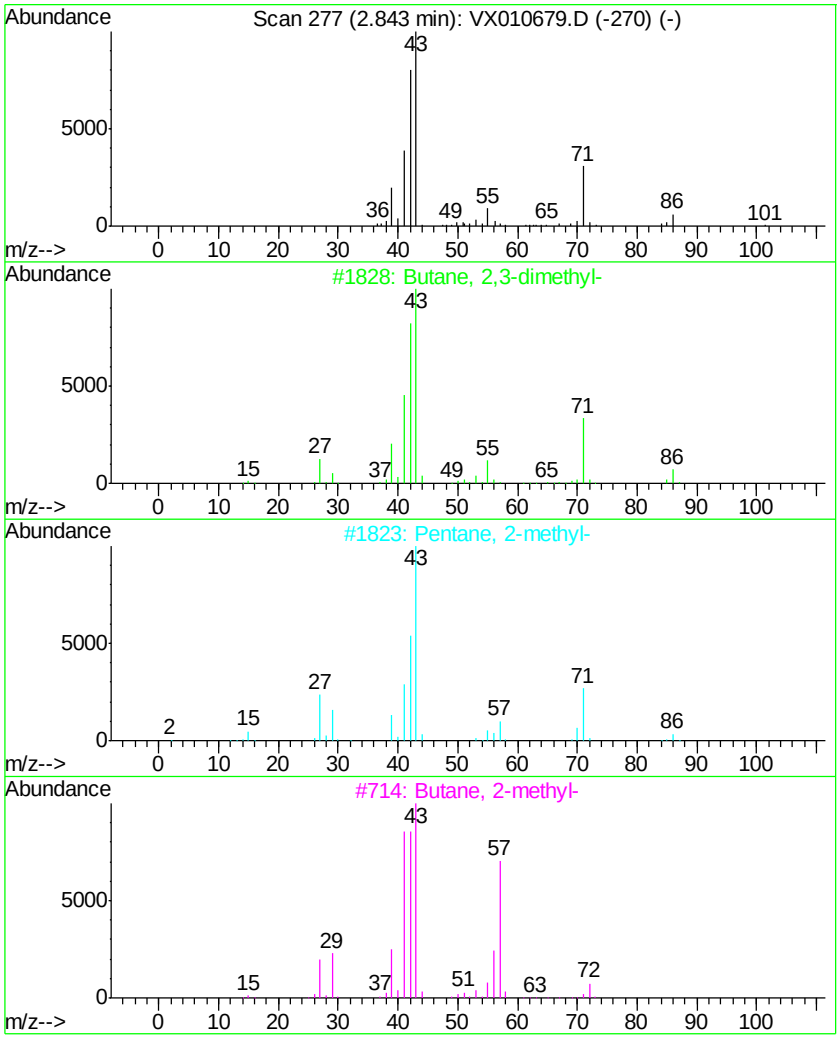
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

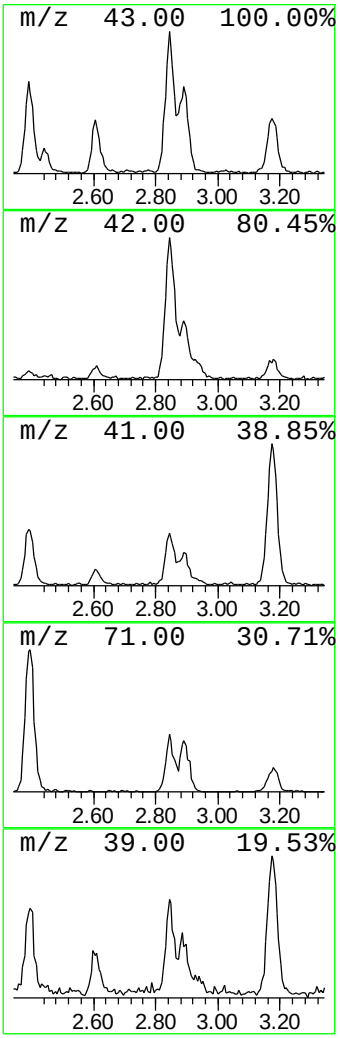
****

Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	5.12 ug/l	72995	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
3	Butane, 2-methyl-	72	C5H12	000078-78-4	38
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	37
5	Pentane	72	C5H12	000109-66-0	36





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ClientSampleId : FL-0586

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Quant Title : SW846 8260

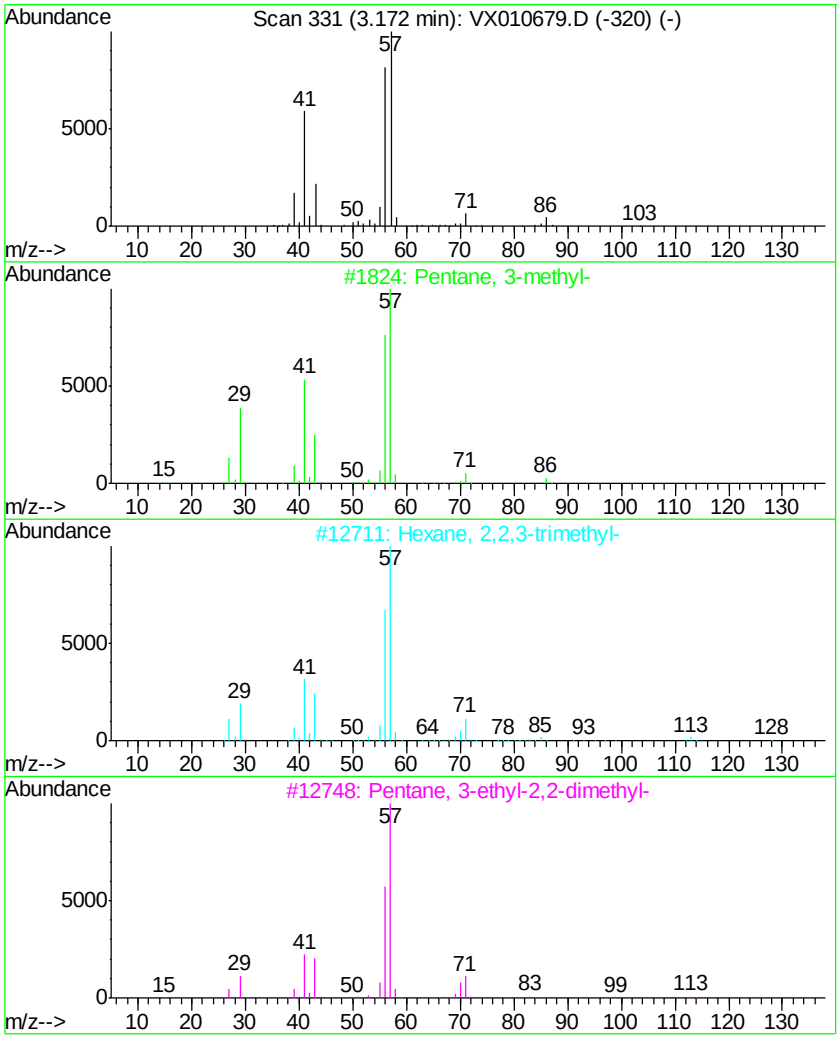
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

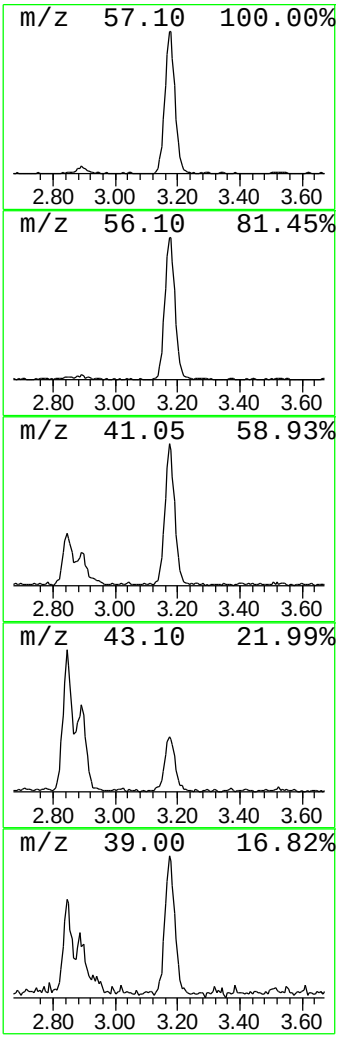
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	10.58 ug/l	150928	Pentafluorobenzene	5.67

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	78
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010679.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0586

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

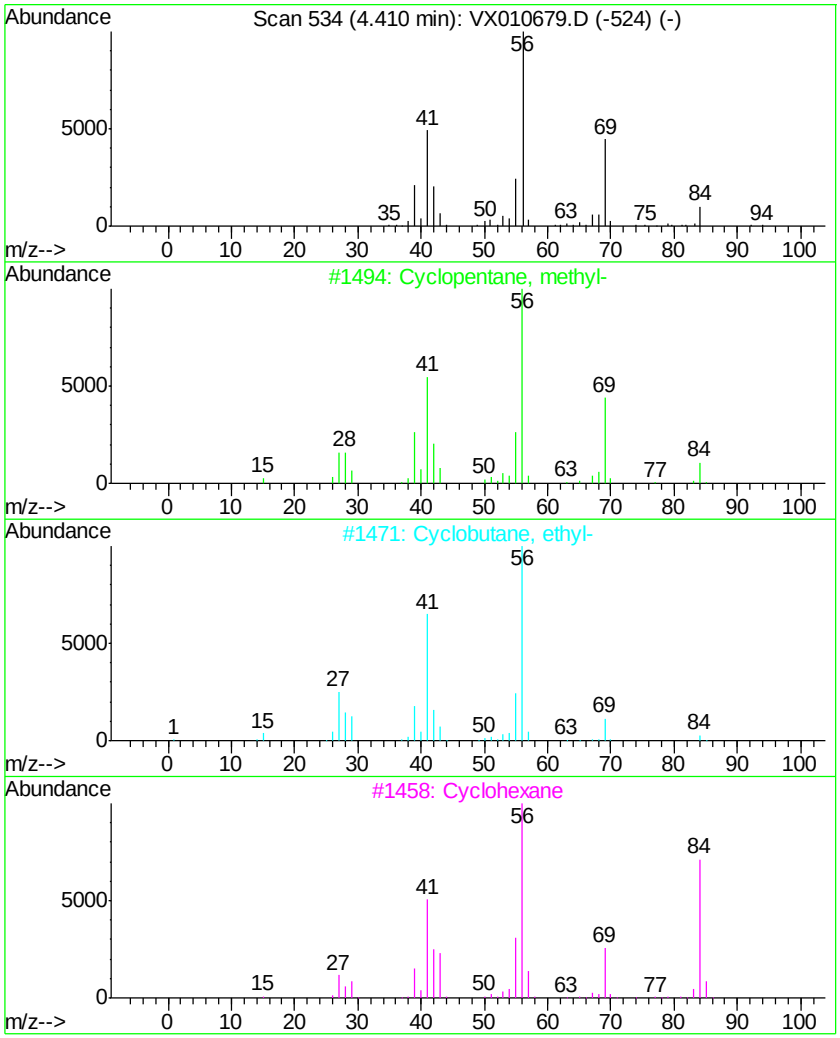
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

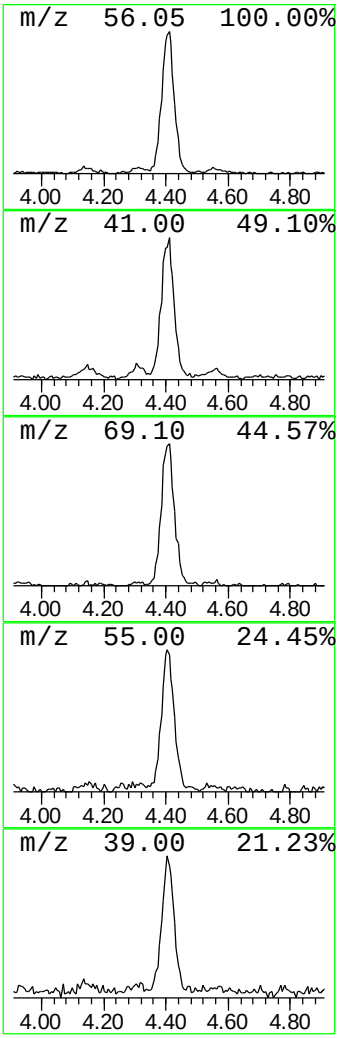
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	7.99 ug/l	114042	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	Cyclohexane	84	C6H12	000110-82-7	64
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	49





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

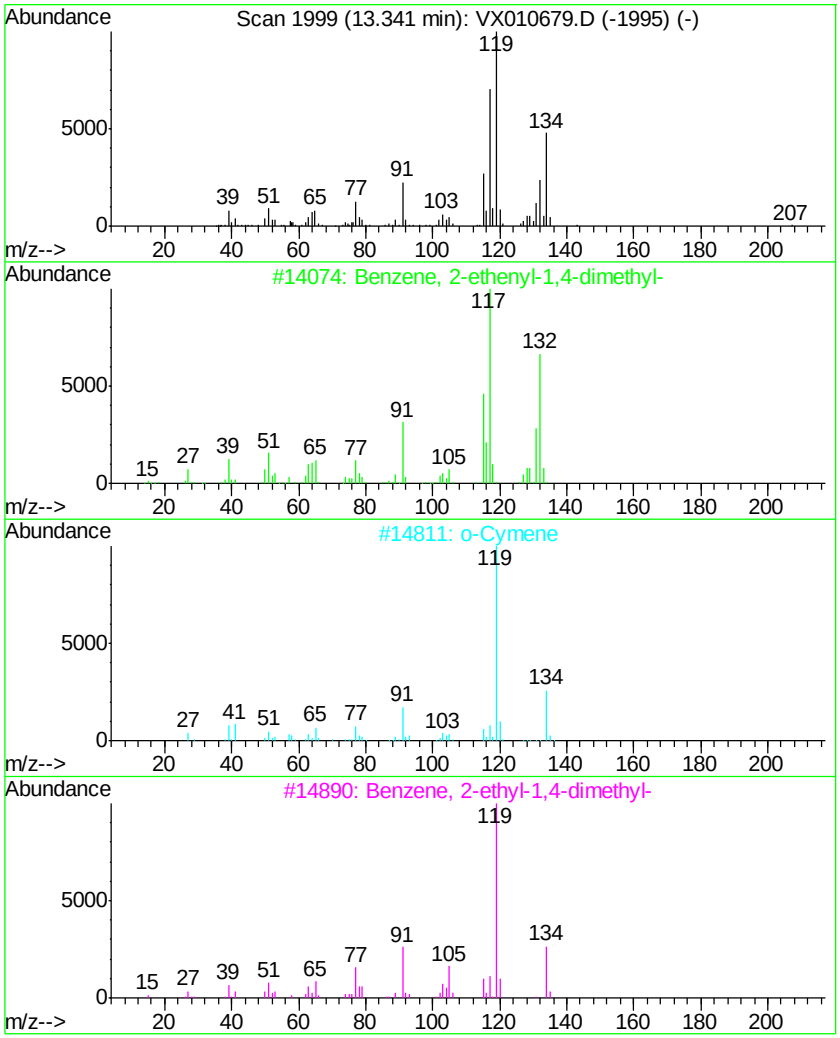
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

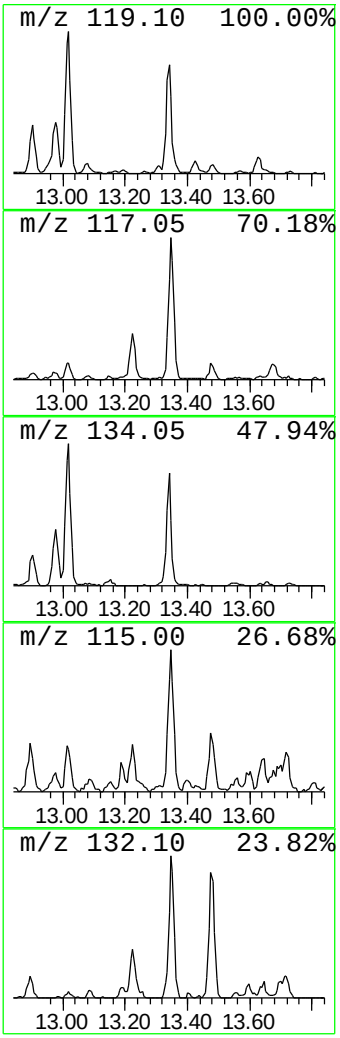
****

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	5.16 ug/l	97507	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	62
2	o-Cymene	134	C10H14	000527-84-4	55
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	52
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	52





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	5.1	ug/l	72995	1	5.67	713357	50.0
Pentane, 3-methyl-	3.17	10.6	ug/l	150928	1	5.67	713357	50.0
Cyclopentane, met...	4.41	8.0	ug/l	114042	1	5.67	713357	50.0
Benzene, 2-etheny...	13.34	5.2	ug/l	97507	4	12.08	945502	50.0