LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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	1.788	99	104	116	rVB	202933	295826	2.57%	0.402%
2	2.001	134	139	149	rVB	276940	388407	3.37%	0.528%
3	2.398	195	204	217	rBV	68101	145249	1.26%	0.197%
4	2.843	270	277	280	rBV2	81219	167277	1.45%	0.227%
5	2.891	280	285	290	rVV	265639	501364	4.35%	0.682%
6	3.172	320	331	343	rBV	301093	698431	6.07%	0.949%
7	3.525	380	389	401	rBV	296216	667963	5.80%	0.908%
8	4.403	523	533	548	rVB	344370	1021584	8.87%	1.389%
9	5.501	700	713	719	rBV	131745	385860	3.35%	0.525%
10	5.586	719	727	734	rVV3	297278	1064173	9.24%	1.447%
11	5.659	735	739	746	rVV	231842	634063	5.51%	0.862%
12	5.726	747	750	764	rVB2	76260	198538	1.72%	0.270%
13	5.934	771	784	796	rBV4	190989	596771	5.18%	0.811%
14	6.062	796	805	818	rVB	123962	330037	2.87%	0.449%
15	6.263	826	838	848	rBV3	74991	273193	2.37%	0.371%
16	6.360	848	854	861	rVV2	72264	193436	1.68%	0.263%
17	6.458	861	870	882	rVB	120598	333416	2.90%	0.453%
18	6.708	901	911	921	rBV2	114827	279298	2.43%	0.380%
19	6.860	926	936	944	rBV	325912	776704	6.74%	1.056%
20	7.464	1022	1035	1047	rBV	866271	1966862	17.08%	2.674%
21	7.732	1072	1079	1088	rVB	99218	194606	1.69%	0.265%
22	8.665	1225	1232	1235	rBV	161715	276625	2.40%	0.376%
23	8.713	1235	1240	1248	rVB	726824	1183991	10.28%	1.610%
24	8.835	1255	1260	1265	rBV	70504	118099	1.03%	0.161%
25	9.043	1288	1294	1300	rVB	144050	240054	2.08%	0.326%
26	9.165	1306	1314	1320	rBV	73500	118331	1.03%	0.161%
27	9.573	1374	1381	1385	rBV3	70946	120122	1.04%	0.163%
28	9.622	1385	1389	1394	rVB	199952	268819	2.33%	0.365%
29	9.677	1394	1398	1402	rBV	123533	175717	1.53%	0.239%
30	10.110	1464	1469	1475	rVB	692985	919180	7.98%	1.250%
31	10.183	1475	1481	1486	rVB	78960	120438	1.05%	0.164%
32	10.250	1486	1492	1498	rBV	3709819	4878407	42.36%	6.632%
33	10.360	1501	1510	1516	rBV	8880494	11515508	100.00%	15.655%
34	10.695	1560	1565	1576	rVB	1115965	1476883	12.83%	2.008%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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	10.835	1576	1588	1593	rBV2	79190	138962	1.21%	0.189%
36	11.018	1613	1618	1623	rBV	518296	647498	5.62%	0.880%
37	11.134	1631	1637	1642	rBV	616629	787157	6.84%	1.070%
38	11.359	1669	1674	1681	rBV	880841	1060439	9.21%	1.442%
39	11.433	1681	1686	1688	rBV	1860227	2502098	21.73%	3.401%
40	11.506	1694	1698	1706	rVB	1683721	2026569	17.60%	2.755%
41	11.664	1715	1724	1734	rBV	2144408	2699924	23.45%	3.670%
42	11.804	1742	1747	1753	rVB	5657902	6847103	59.46%	9.308%
43	11.920	1758	1766	1767	rBV	91240	126351	1.10%	0.172%
44	11.945	1767	1770	1777	rVB	270659	327277	2.84%	0.445%
45	12.024	1777	1783	1786	rBV	410701	484169	4.20%	0.658%
46	12.073	1786	1791	1797	rVB2	875838	1359319	11.80%	1.848%
47	12.140	1797	1802	1808	rBV	2823010	3411183	29.62%	4.637%
48	12.231	1812	1817	1822	rVB	106218	129777	1.13%	0.176%
49	12.298	1822	1828	1831	rBV	1049567	1480127	12.85%	2.012%
50	12.371	1835	1840	1849	rVB3	1080587	1692356	14.70%	2.301%
51	12.457	1849	1854	1859	rBV2	269558	345511	3.00%	0.470%
52	12.518	1859	1864	1869	rBV	792700	942210	8.18%	1.281%
53	12.585	1870	1875	1877	rBV	813396	1038114	9.01%	1.411%
54	12.609	1877	1879	1883	rVB	912680	919266	7.98%	1.250%
55	12.664	1883	1888	1892	rBV	903634	1084068	9.41%	1.474%
56	12.701	1892	1894	1898	rVB	186980	191383	1.66%	0.260%
57	12.755	1898	1903	1911	rBV3	489253	911816	7.92%	1.240%
58	12.902	1922	1927	1932	rVB2	597047	751901	6.53%	1.022%
59	12.975	1932	1939	1942	rBV	522076	680135	5.91%	0.925%
60	13.018	1942	1946	1952	rVB	924029	1109243	9.63%	1.508%
61	13.079	1952	1956	1962	rBV3	110768	235706	2.05%	0.320%
62	13.194	1971	1975	1977	rBV2	135030	165739	1.44%	0.225%
63	13.225	1977	1980	1983	rVB	190550	221525	1.92%	0.301%
64	13.304	1990	1993	1995	rBV	128885	163379	1.42%	0.222%
65	13.341	1995	1999	2005	rVB2	1338274	1813911	15.75%	2.466%
66	13.475	2017	2021	2029	rVB	430932	569168	4.94%	0.774%
67	13.639	2044	2048	2053	rVV3	166445	295454	2.57%	0.402%
68	13.719	2059	2061	2067	rVB2	184624	254753	2.21%	0.346%
69	13.835	2072	2080	2088	rVB	949291	1324021	11.50%	1.800%
70	13.908	2088	2092	2097	rVB	95421	129447	1.12%	0.176%
71	13.987	2097	2105	2108	rBV2	146379	233587	2.03%	0.318%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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	14.286	2146	2154	2161	rVB3	187229	350142	3.04%	0.476%
73	14.536	2190	2195	2205	rBV2	185842	258358	2.24%	0.351%
74	14.694	2214	2221	2225	rBV	549192	692733	6.02%	0.942%
75	14.834	2239	2244	2250	rBV	385364	504246	4.38%	0.685%
76	15.688	2375	2384	2387	rBV	74919	127752	1.11%	0.174%

Sum of corrected areas: 73559109

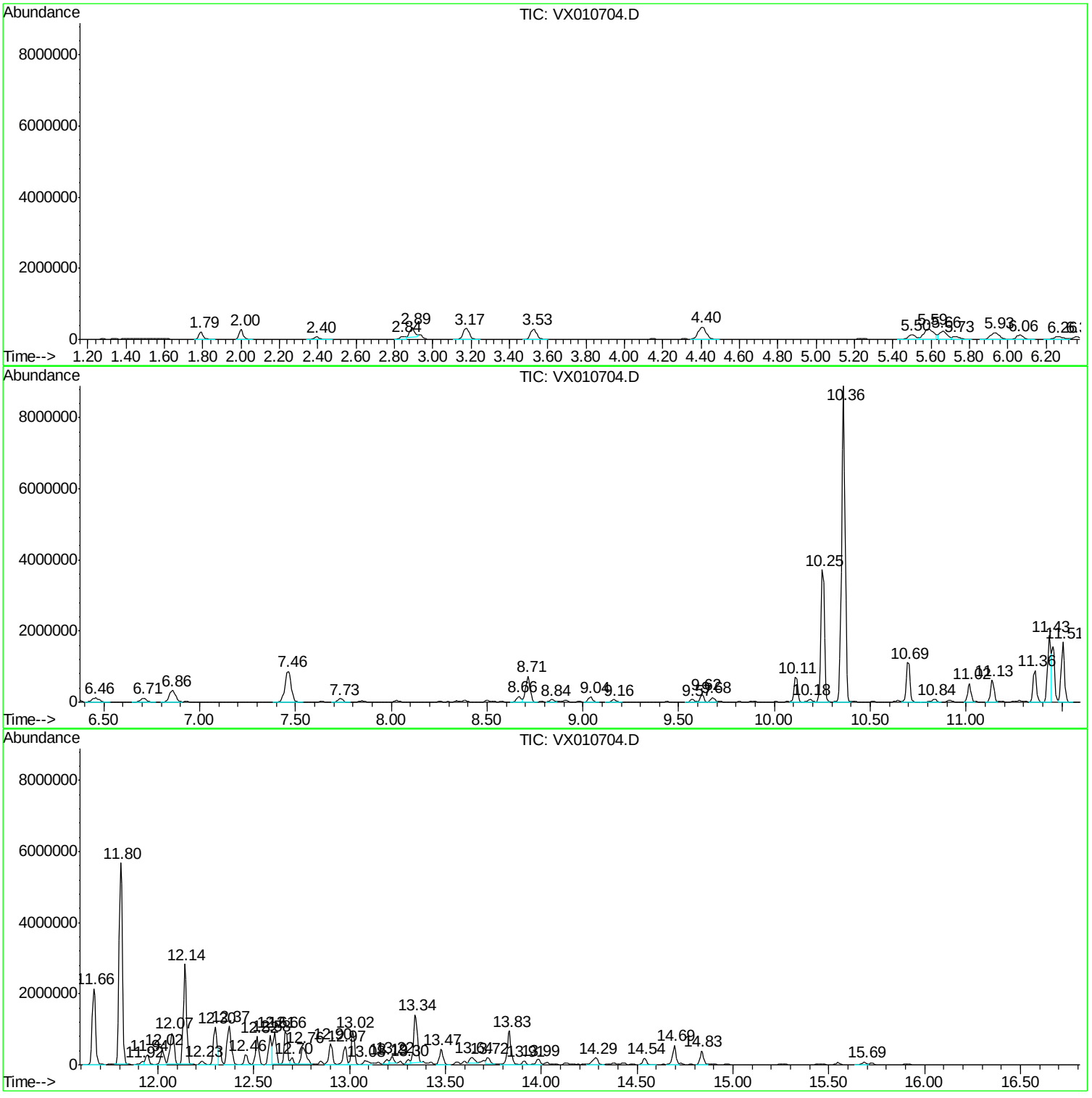
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0588

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

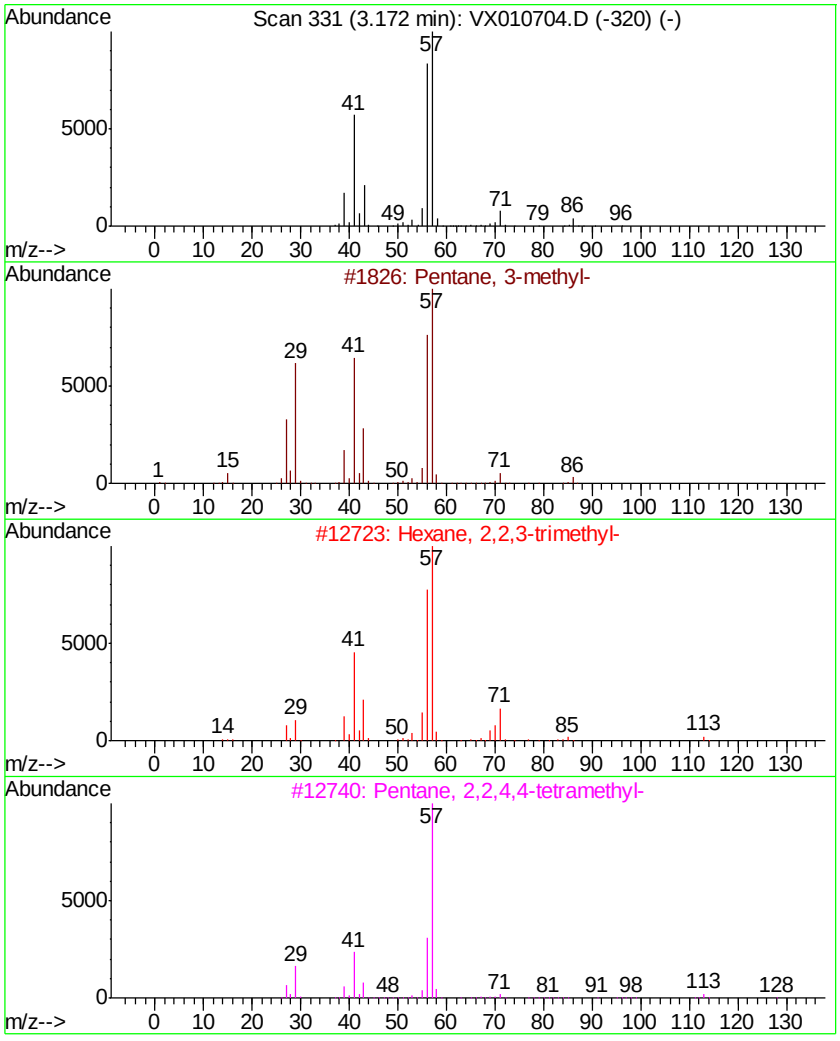
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

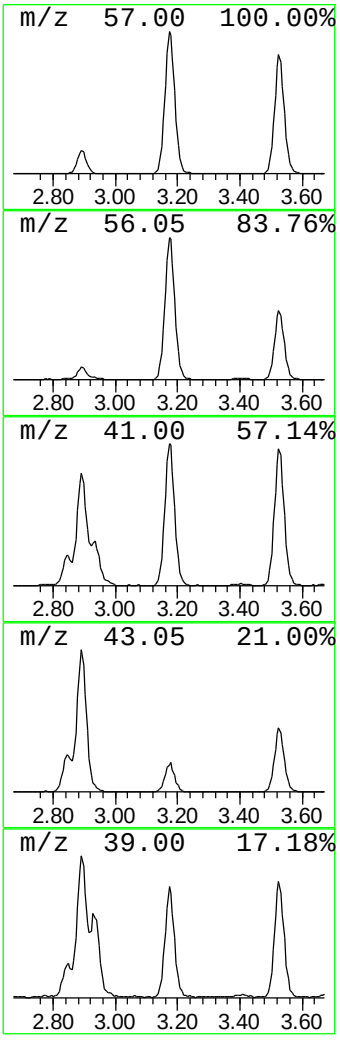
****

Peak Number 1 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	55.08 ug/l	698431	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, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42
4	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	42
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	39





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

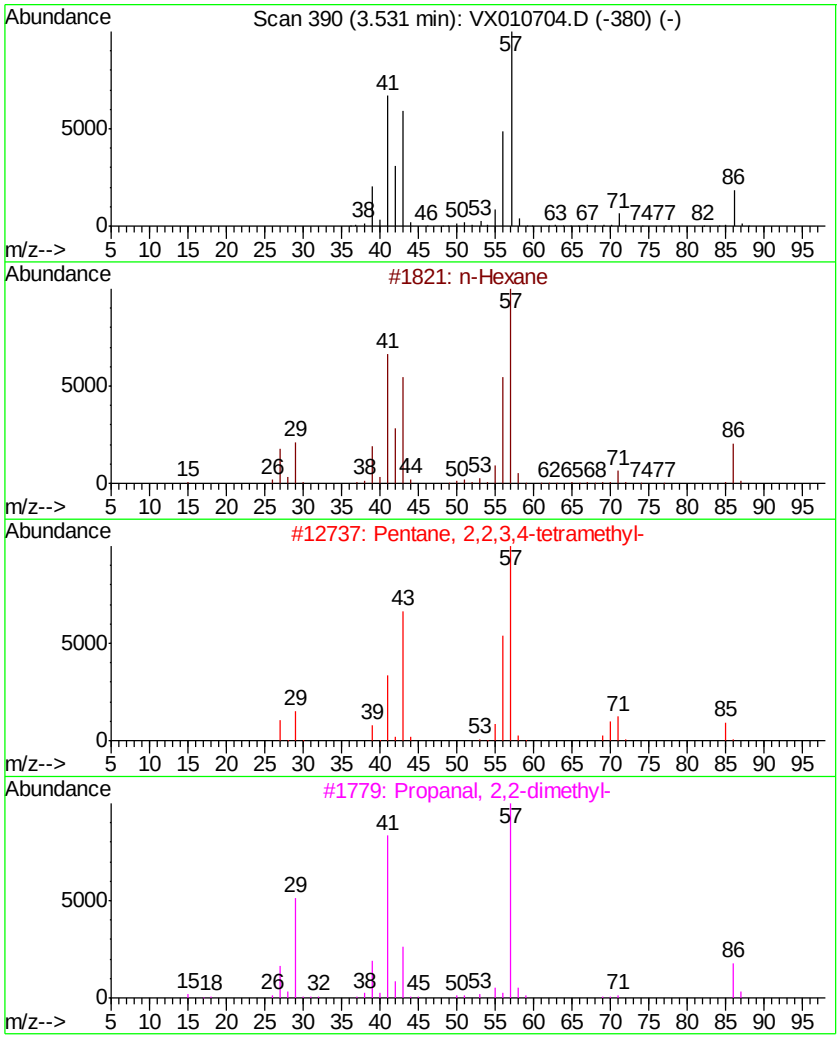
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

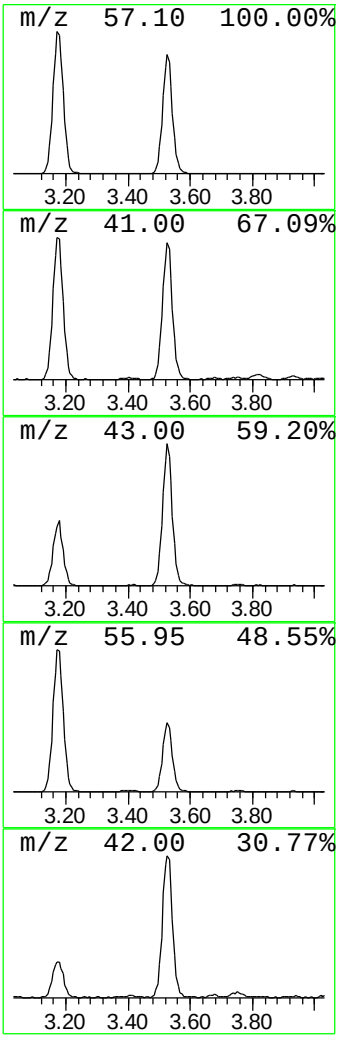
****

Peak Number 2 n-Hexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	52.67 ug/l	667963	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
3	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
4	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	38
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	32





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

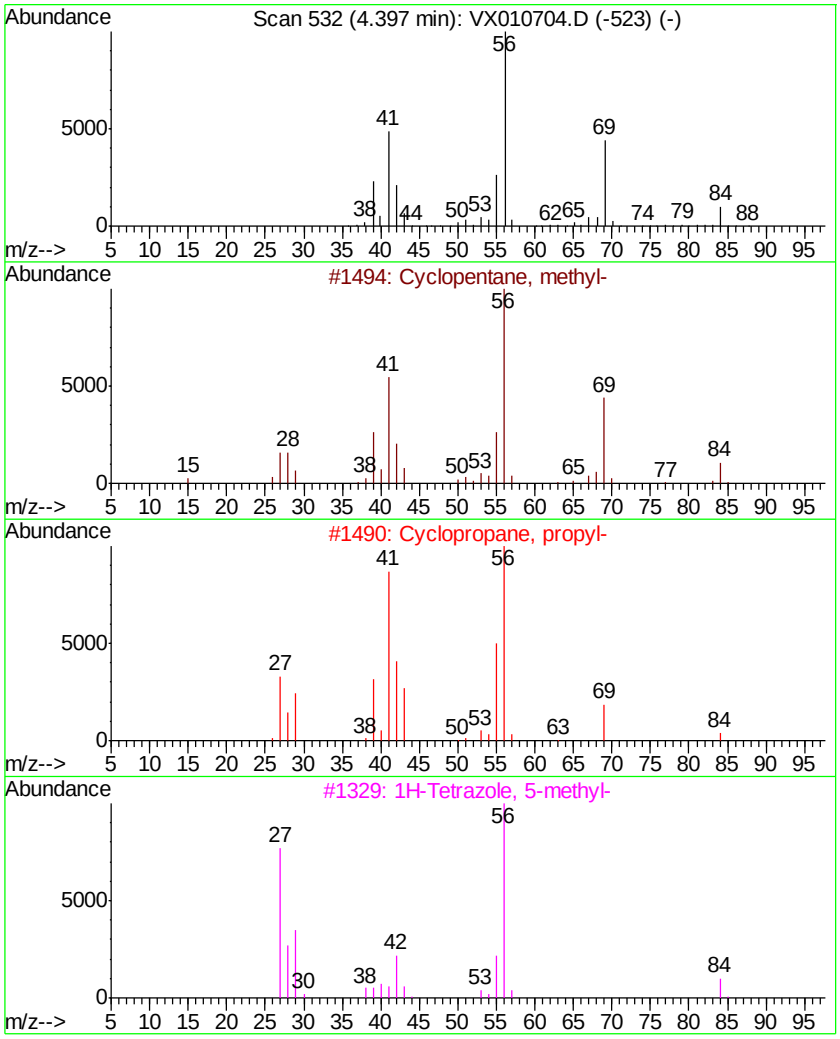
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

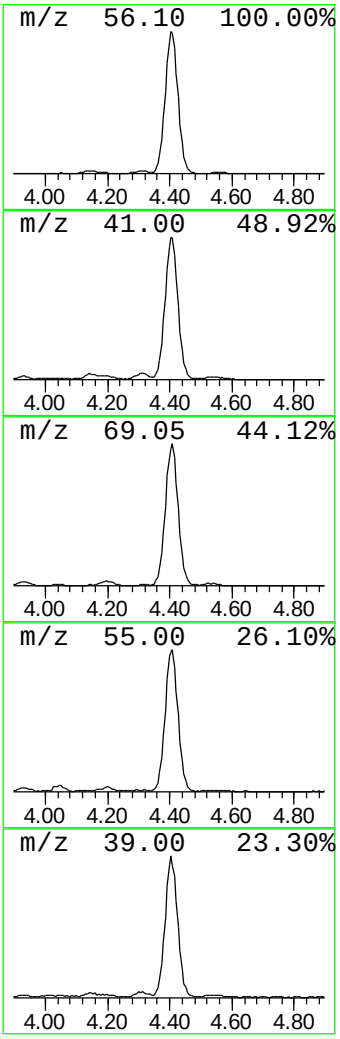
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	80.56 ug/l	1021580	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopropane, propyl-	84	C6H12	002415-72-7	72
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

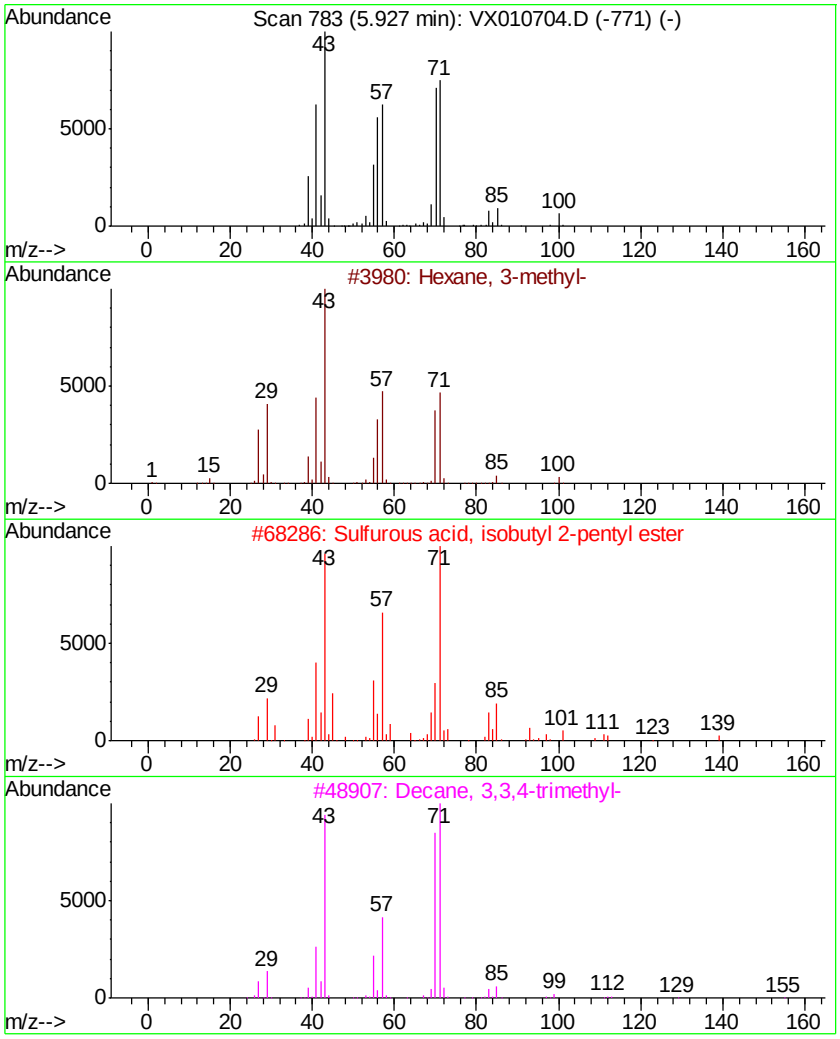
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

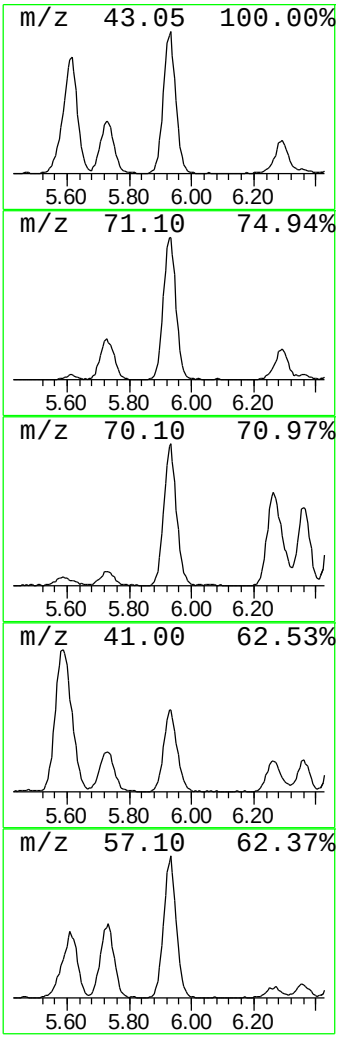
****

Peak Number 4 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	47.06 ug/l	596771	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	53
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

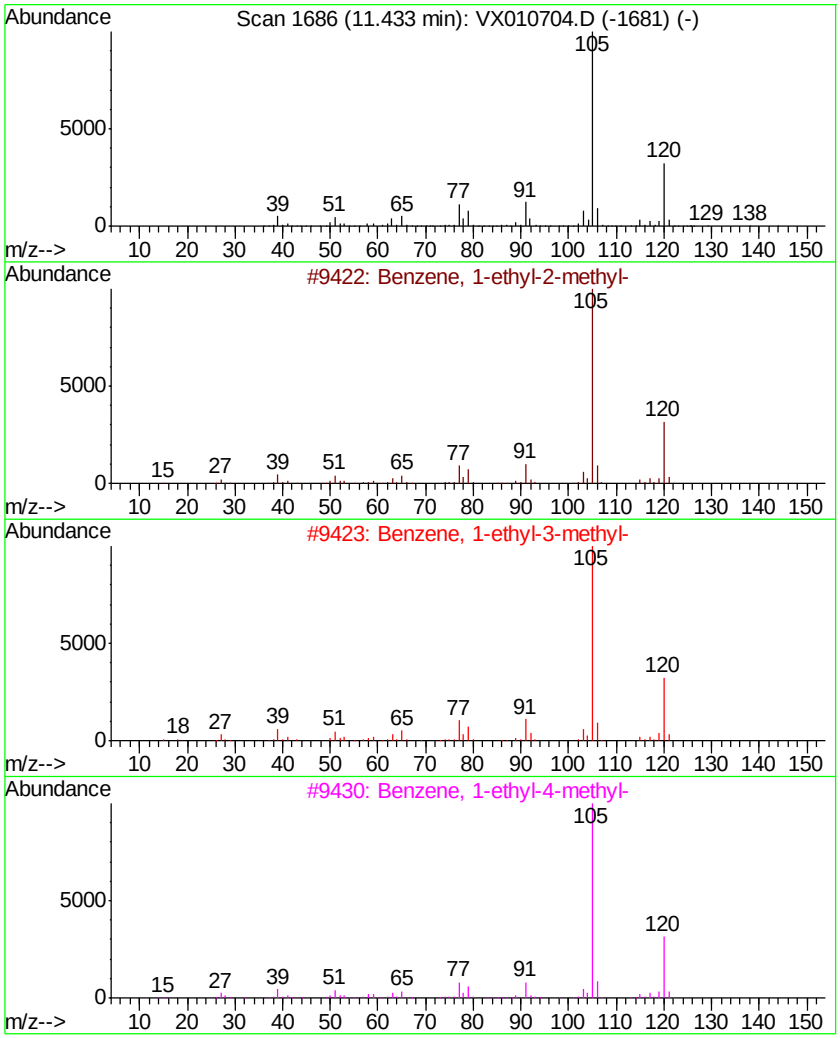
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

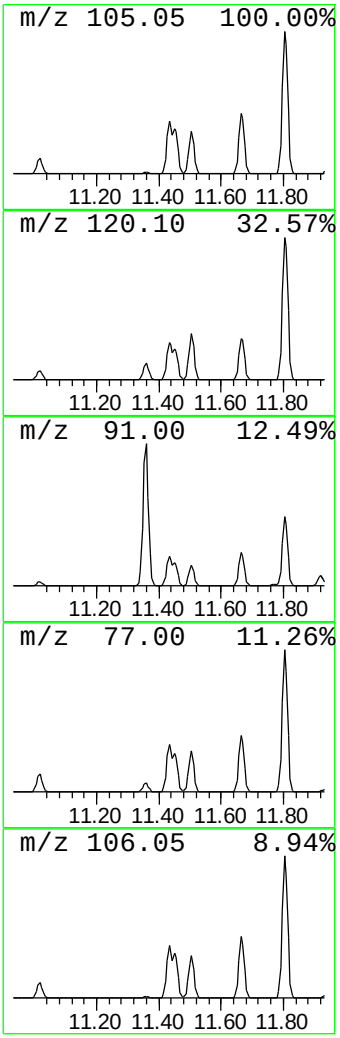
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	92.04 ug/l	2502100	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

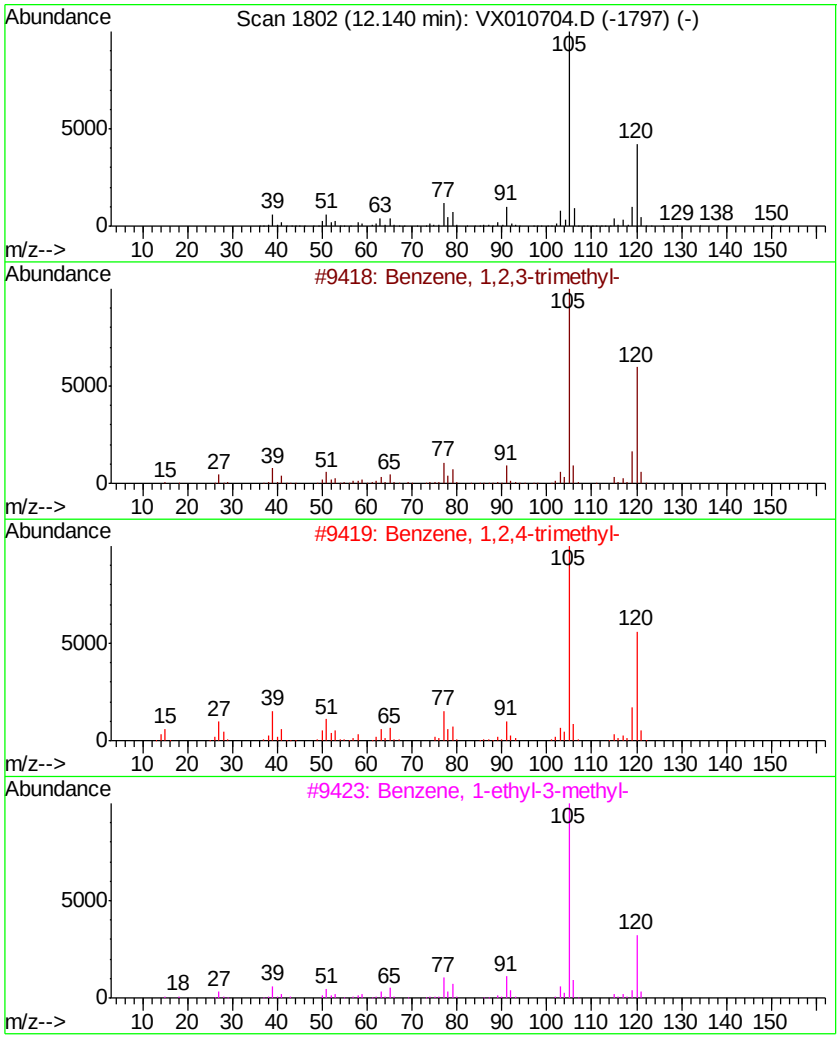
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

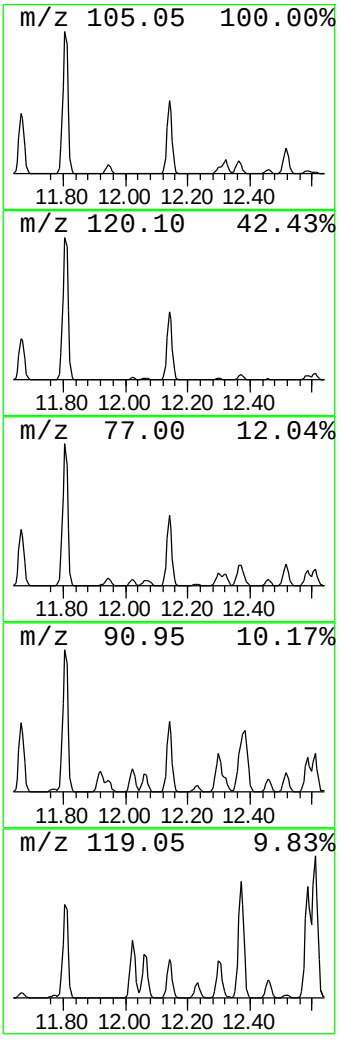
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	125.47 ug/l	3411180	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

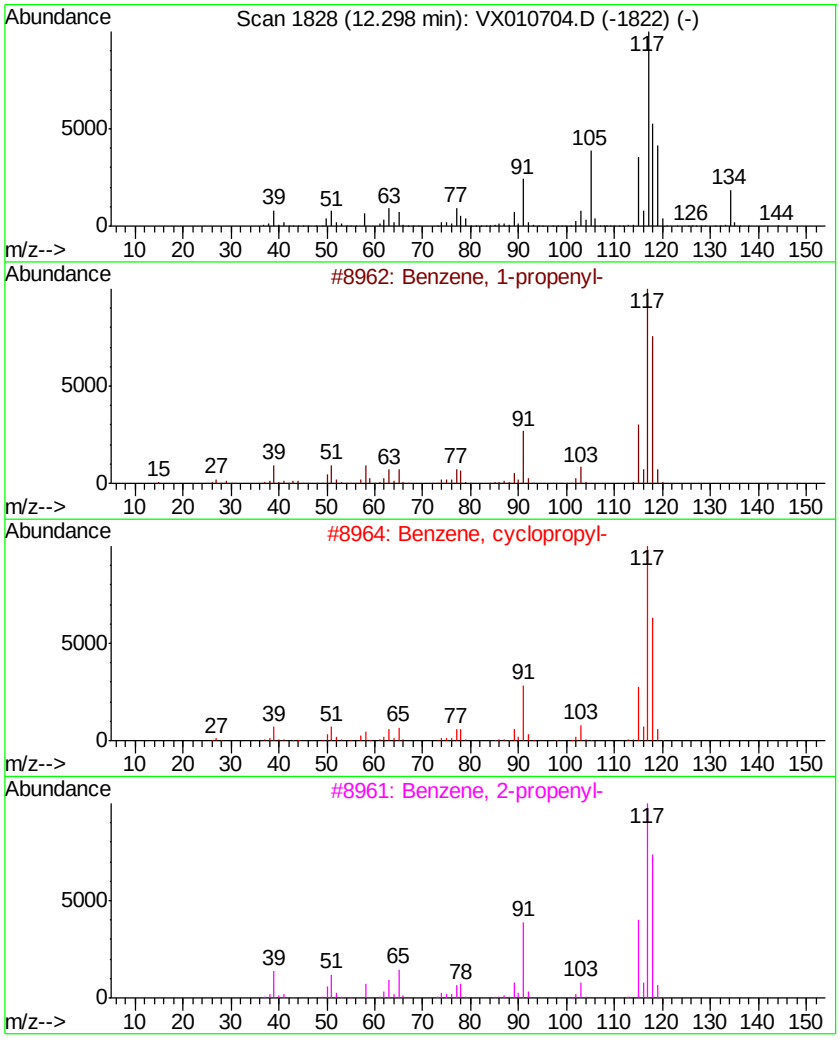
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

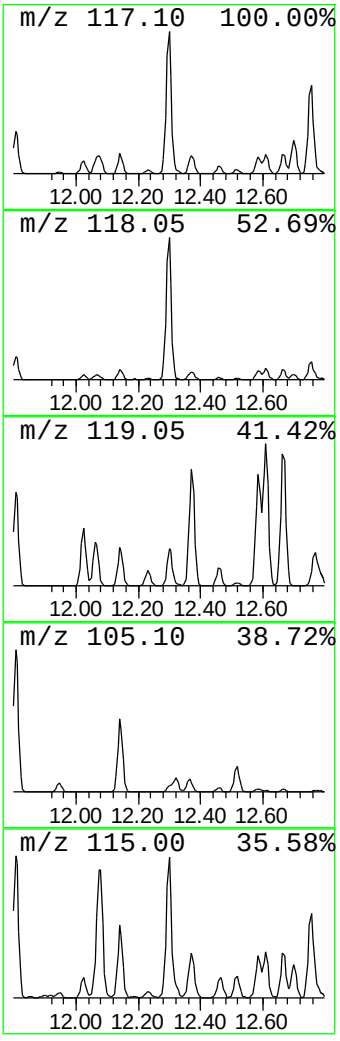
****

Peak Number 8 Benzene, 1-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	54.44 ug/l	1480130	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

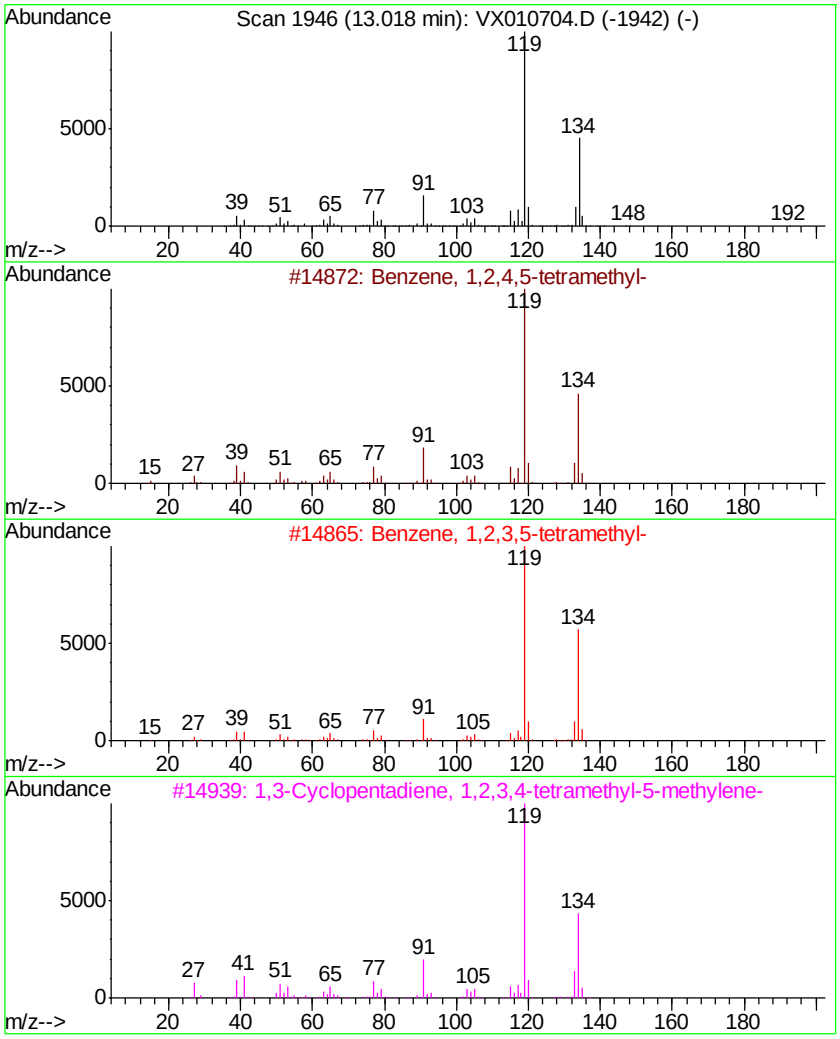
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

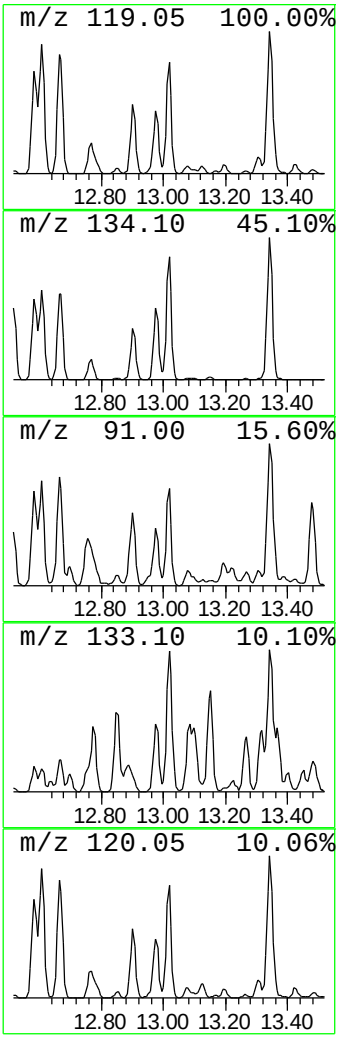
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	40.80 ug/l	1109240	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010704.D
Acq On : 08 Jul 2019 18:32
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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
Pentane, 3-methyl-	3.17	55.1	ug/l	698431	1	5.67	634063	50.0
n-Hexane	3.53	52.7	ug/l	667963	1	5.67	634063	50.0
Cyclopentane, met...	4.40	80.6	ug/l	1021580	1	5.67	634063	50.0
Hexane, 3-methyl-	5.93	47.1	ug/l	596771	1	5.67	634063	50.0
Benzene, 1-ethyl-...	11.43	92.0	ug/l	2502100	4	12.08	1359320	50.0
Benzene, 1,2,3-tr...	12.14	125.5	ug/l	3411180	4	12.08	1359320	50.0
Benzene, 1-propenyl-	12.30	54.4	ug/l	1480130	4	12.08	1359320	50.0
Benzene, 1,2,4,5-...	13.02	40.8	ug/l	1109240	4	12.08	1359320	50.0