LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

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\82X112918W.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	1.404	36	41	48	rBV	1033900	1089006	4.29%	0.240%
2	1.794	99	105	122	rVB	2454236	3679511	14.50%	0.811%
3	2.001	134	139	152	rVB2	2640948	4851265	19.11%	1.070%
4	2.269	178	183	194	rVB	2399009	3790640	14.93%	0.836%
5	2.812	258	272	280	rBV2	893994	2584614	10.18%	0.570%
6	2.891	280	285	288	rVV	1328312	2699320	10.63%	0.595%
7	2.934	288	292	312	rVB2	1905785	4359992	17.18%	0.961%
8	3.172	321	331	343	rVB	1024205	2329423	9.18%	0.514%
9	3.519	379	388	400	rVV	1292629	2923984	11.52%	0.645%
10	3.812	428	436	446	rBV	513619	1228712	4.84%	0.271%
11	4.196	490	499	509	rVB	308423	823186	3.24%	0.182%
12	4.403	521	533	545	rVV	3559582	10416176	41.03%	2.297%
13	5.305	670	681	695	rVB	1022557	3083568	12.15%	0.680%
14	5.507	698	714	717	rBV	431158	1232517	4.86%	0.272%
15	5.580	717	726	735	rVV	4127641	12624885	49.74%	2.784%
16	5.665	735	740	747	rVB	489286	1165871	4.59%	0.257%
17	5.933	771	784	797	rBV3	706301	2426554	9.56%	0.535%
18	6.068	797	806	810	rVV	405572	992423	3.91%	0.219%
19	6.147	810	819	829	rVV	7053272	18281527	72.02%	4.031%
20	6.299	829	844	850	rVV3	1432400	5800842	22.85%	1.279%
21	6.360	850	854	861	rVV2	742749	1854195	7.30%	0.409%
22	6.458	861	870	882	rVB	1124762	3223384	12.70%	0.711%
23	6.702	901	910	927	rBV	805028	1976062	7.78%	0.436%
24	6.866	927	937	945	rBV2	1084869	3334112	13.13%	0.735%
25	7.464	1022	1035	1046	rBV	7371836	16708687	65.82%	3.685%
26	7.732	1072	1079	1085	rBV	770927	1515521	5.97%	0.334%
27	7.957	1104	1116	1122	rBV2	730340	2341146	9.22%	0.516%
28	8.024	1122	1127	1134	rVB	487099	892352	3.52%	0.197%
29	8.213	1143	1158	1162	rBV	1127332	2143136	8.44%	0.473%
30	8.262	1162	1166	1174	rVV2	519562	1005897	3.96%	0.222%
31	8.573	1210	1217	1226	rVB	2010220	3529953	13.91%	0.778%
32	8.665	1226	1232	1235	rBV2	1341301	2295425	9.04%	0.506%
33	8.713	1235	1240	1246	rVV2	2820973	5171229	20.37%	1.140%
34	8.787	1246	1252	1256	rVV	1863473	2936491	11.57%	0.648%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

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\82X112918W.M
Title : SW846 8260

35	8.835	1256	1260	1264	rVV	553623	978249	3.85%	0.216%
36	8.908	1269	1272	1278	rVV2	467573	834927	3.29%	0.184%
37	8.976	1278	1283	1287	rVV3	434313	879359	3.46%	0.194%
38	9.030	1287	1292	1299	rVV3	1275782	3101691	12.22%	0.684%
39	9.110	1299	1305	1310	rVV2	998048	1849967	7.29%	0.408%
40	9.165	1310	1314	1319	rVV	660885	1153537	4.54%	0.254%
41	9.219	1319	1323	1334	rVB2	626945	1154906	4.55%	0.255%
42	9.567	1375	1380	1385	rVV3	509458	1080073	4.25%	0.238%
43	9.622	1385	1389	1393	rVV	1398416	1920979	7.57%	0.424%
44	9.677	1393	1398	1402	rVV2	603786	1041727	4.10%	0.230%
45	10.116	1465	1470	1474	rBV	2097596	2810064	11.07%	0.620%
46	10.183	1478	1481	1485	rVV	477280	774035	3.05%	0.171%
47	10.256	1488	1493	1499	rVV	12621753	17082507	67.30%	3.767%
48	10.359	1502	1510	1516	rVB	15796893	21725413	85.59%	4.791%
49	10.640	1548	1556	1562	rBV5	287573	813755	3.21%	0.179%
50	10.701	1562	1566	1576	rVB	859604	1234791	4.86%	0.272%
51	10.835	1576	1588	1596	rBV3	583363	1166711	4.60%	0.257%
52	10.914	1596	1601	1606	rBV4	449688	805245	3.17%	0.178%
53	11.018	1613	1618	1623	rBV	5779110	7072769	27.86%	1.560%
54	11.140	1633	1638	1643	rBV	2042757	2776523	10.94%	0.612%
55	11.359	1669	1674	1679	rVV	6741454	8175697	32.21%	1.803%
56	11.457	1679	1690	1694	rVV	6681559	9694739	38.19%	2.138%
57	11.506	1694	1698	1705	rVB	6223156	7496081	29.53%	1.653%
58	11.670	1720	1725	1734	rVB	5194803	6867548	27.05%	1.514%
59	11.810	1743	1748	1753	rVV	21377051	25383896	100.00%	5.598%
60	11.920	1760	1766	1768	rBV	507772	761271	3.00%	0.168%
61	11.945	1768	1770	1777	rVV	1061617	1268958	5.00%	0.280%
62	12.024	1777	1783	1786	rVV	813302	1018322	4.01%	0.225%
63	12.079	1786	1792	1797	rVV3	2936216	4812074	18.96%	1.061%
64	12.146	1797	1803	1807	rVV	10766218	13078598	51.52%	2.884%
65	12.188	1807	1810	1814	rVV	596863	740095	2.92%	0.163%
66	12.298	1823	1828	1835	rBV	16281789	21326492	84.02%	4.703%
67	12.371	1835	1840	1847	rVV3	5617886	8525101	33.58%	1.880%
68	12.463	1850	1855	1860	rVB	1084343	1392879	5.49%	0.307%
69	12.518	1860	1864	1868	rBV	2034807	2364772	9.32%	0.521%
70	12.585	1871	1875	1877	rVV	3028568	3688333	14.53%	0.813%
71	12.609	1877	1879	1883	rVV	2463739	2820679	11.11%	0.622%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

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\82X112918W.M
Title : SW846 8260

72	12.670	1883	1889	1892	rVV	7830011	9452300	37.24%	2.084%
73	12.700	1892	1894	1899	rVV	2085434	2351911	9.27%	0.519%
74	12.755	1899	1903	1911	rVV2	8203212	12194418	48.04%	2.689%
75	12.902	1922	1927	1932	rVB2	1907951	2688704	10.59%	0.593%
76	12.975	1932	1939	1943	rBV	4301337	5859882	23.09%	1.292%
77	13.017	1943	1946	1952	rVV	4591769	5612086	22.11%	1.238%
78	13.085	1952	1957	1962	rVV3	945262	2251444	8.87%	0.496%
79	13.194	1972	1975	1976	rVV	760822	815555	3.21%	0.180%
80	13.225	1976	1980	1984	rVV	5568931	7163952	28.22%	1.580%
81	13.310	1990	1994	1996	rVV2	929685	1248710	4.92%	0.275%
82	13.347	1996	2000	2006	rVV2	13875737	19808554	78.04%	4.368%
83	13.402	2006	2009	2011	rVV3	939994	1275927	5.03%	0.281%
84	13.426	2011	2013	2017	rVV	685273	777249	3.06%	0.171%
85	13.481	2017	2022	2028	rVB	3789753	4781820	18.84%	1.054%
86	13.560	2028	2035	2038	rBV2	956753	1347333	5.31%	0.297%
87	13.603	2038	2042	2045	rVV	2240311	3149978	12.41%	0.695%
88	13.639	2045	2048	2053	rVV3	1974400	3554454	14.00%	0.784%
89	13.700	2053	2058	2059	rVV2	1095752	1688538	6.65%	0.372%
90	13.725	2059	2062	2067	rVB2	2223288	3290432	12.96%	0.726%
91	13.834	2072	2080	2089	rVB	13195165	17126534	67.47%	3.777%
92	13.926	2089	2095	2099	rBV2	763943	1169094	4.61%	0.258%
93	13.981	2099	2104	2109	rVV2	814929	1224777	4.83%	0.270%
94	14.133	2124	2129	2133	rBV	1050829	1343935	5.29%	0.296%
95	14.273	2147	2152	2158	rBV2	1103533	2012533	7.93%	0.444%
96	14.377	2165	2169	2175	rBV2	436733	783592	3.09%	0.173%
97	14.432	2175	2178	2182	rVB	727250	867364	3.42%	0.191%
98	14.694	2217	2221	2232	rVV	6430261	8739142	34.43%	1.927%
99	14.840	2240	2245	2259	rVB	3798861	5065450	19.96%	1.117%
100	15.688	2375	2384	2387	rBV	554274	842883	3.32%	0.186%

Sum of corrected areas: 453472920

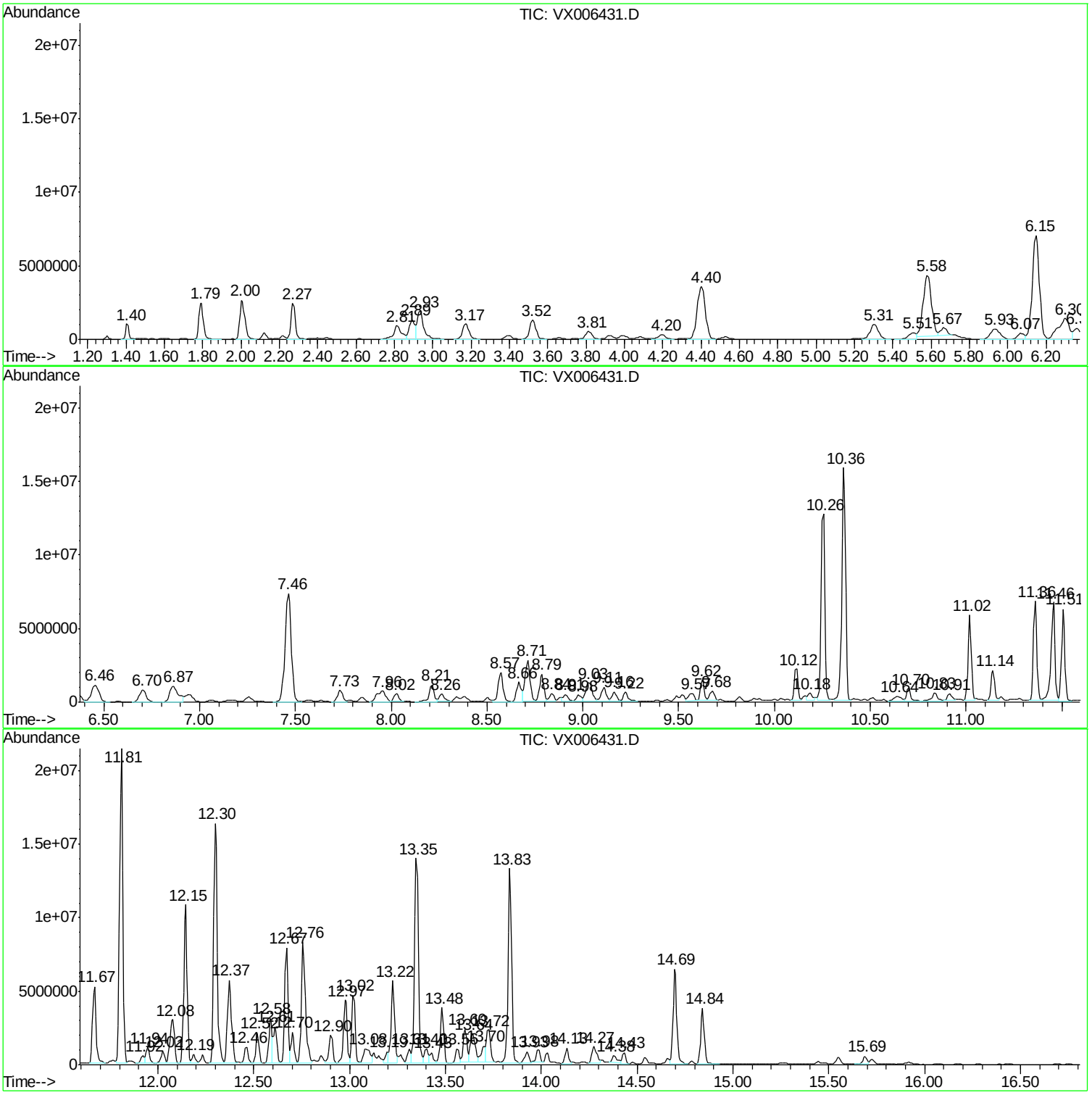
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006431.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

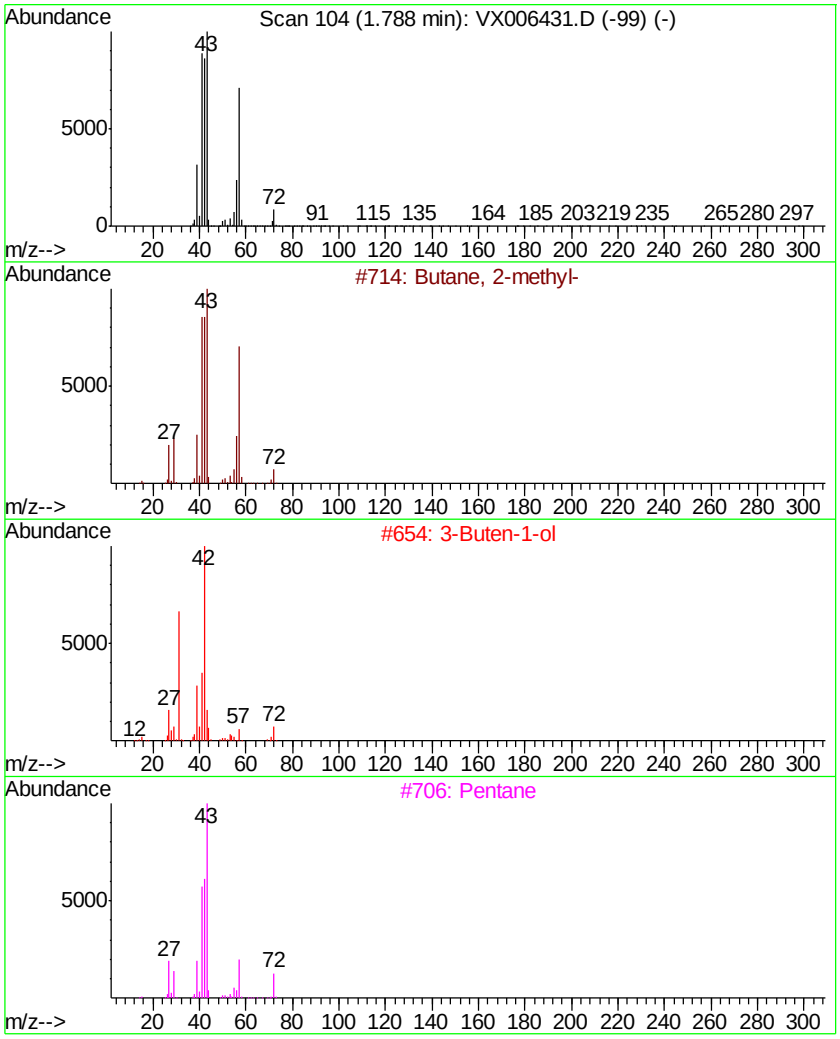
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

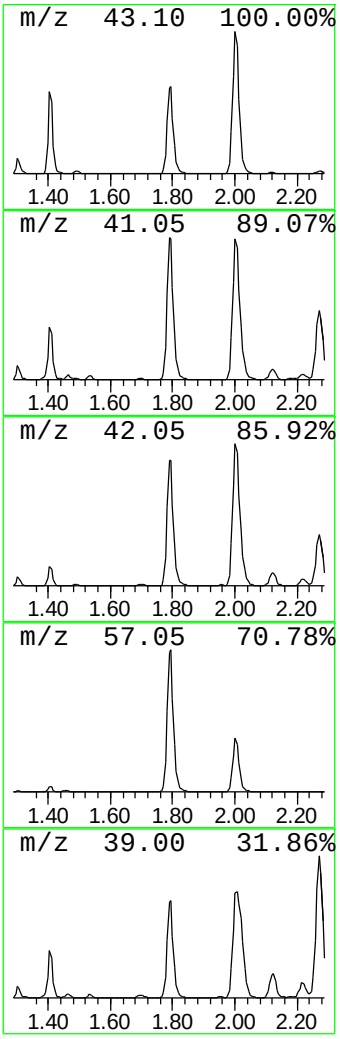
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	157.80 ug/l	3679510	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	25
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

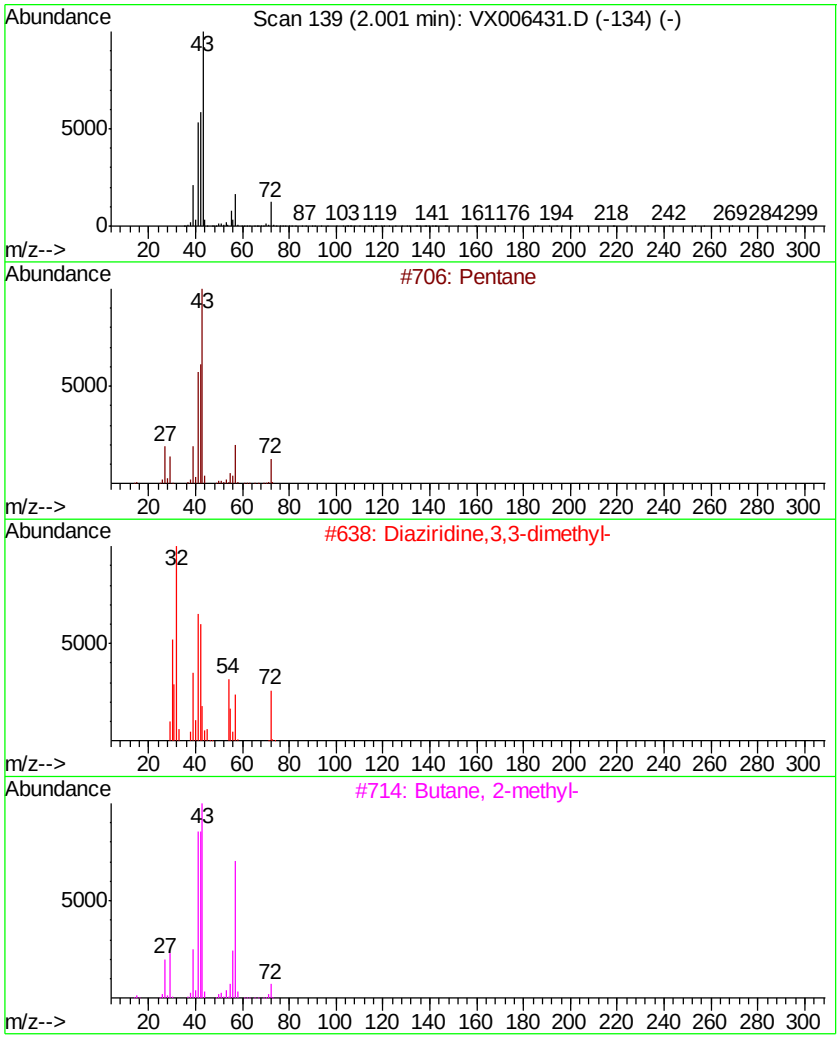
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

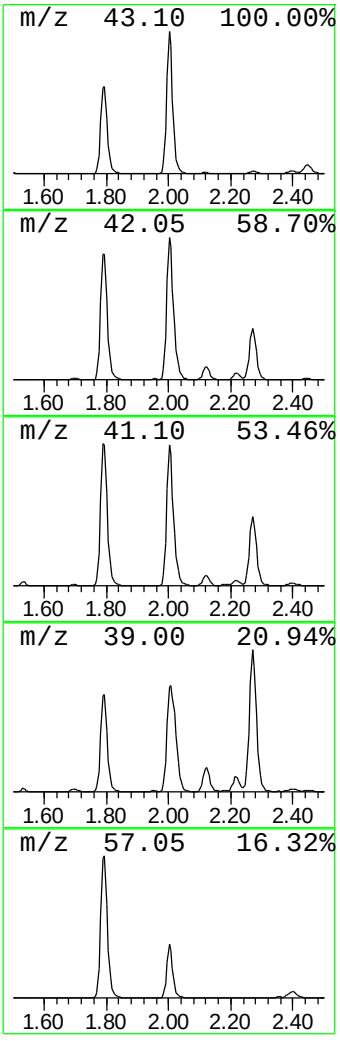
****

Peak Number 2 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	208.05 ug/l	4851270	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	43
3	Butane, 2-methyl-	72	C5H12	000078-78-4	36
4	Tetrahydrofuran	72	C4H8O	000109-99-9	9
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9





Library Search Compound Report

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Data File : VX006431.D
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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

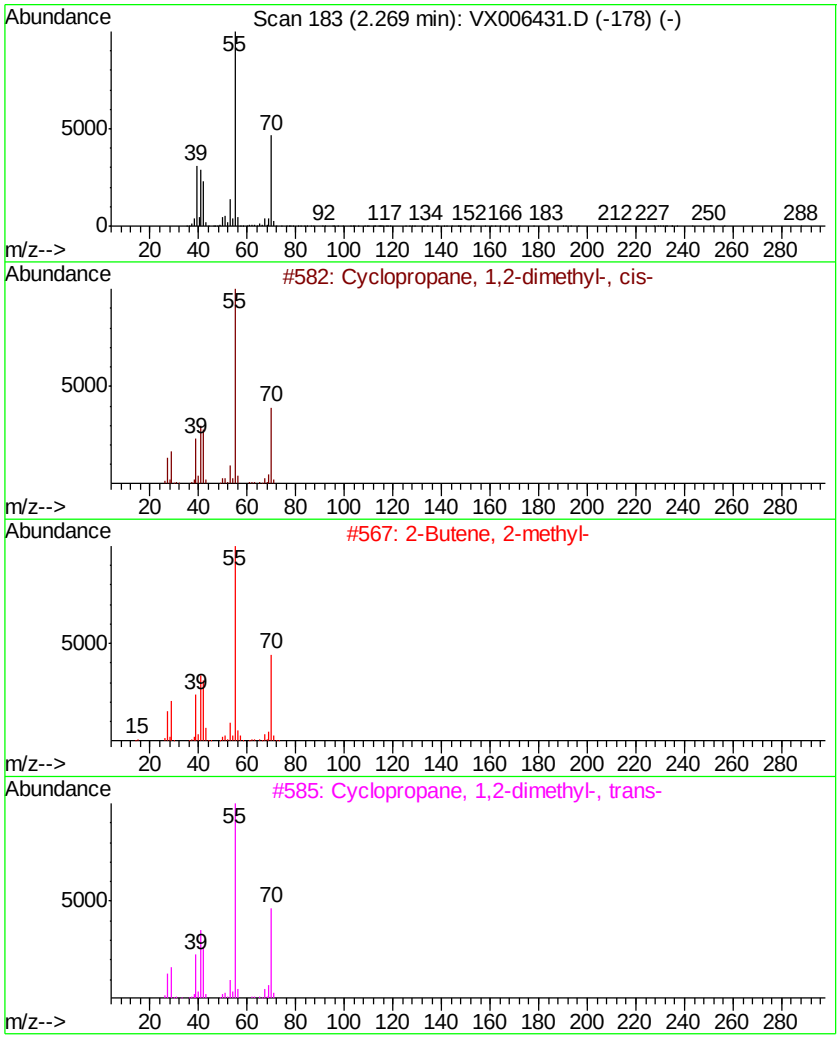
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

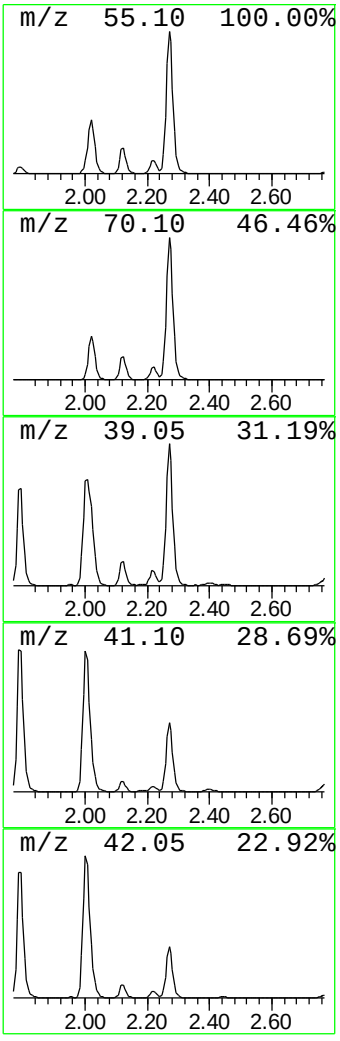
****

Peak Number 3 Cyclopropane, 1,2-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	162.57 ug/l	3790640	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
5	2-Pentene, (E)-	70	C5H10	000646-04-8	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

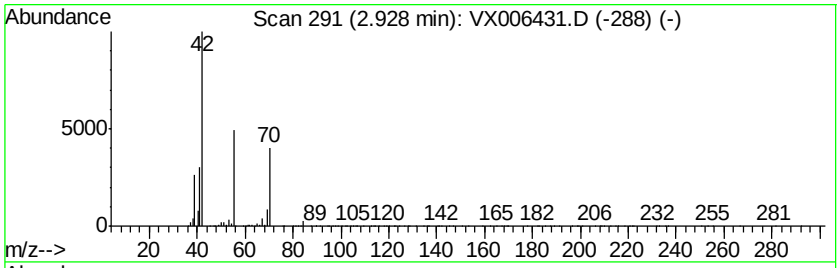
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

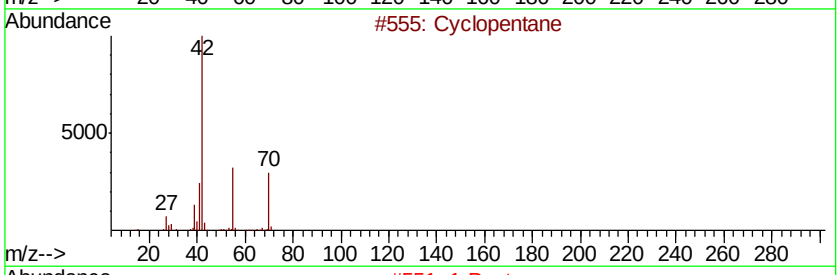
****

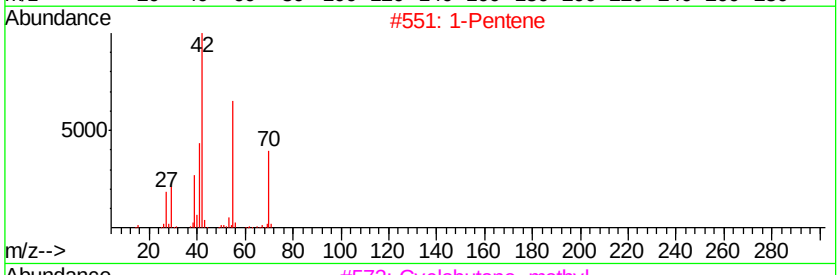
Peak Number 4 Cyclopentane Concentration Rank 5

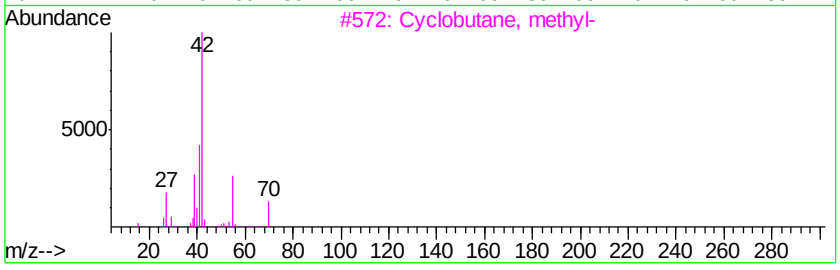
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	186.98 ug/l	4359990	Pentafluorobenzene	5.67

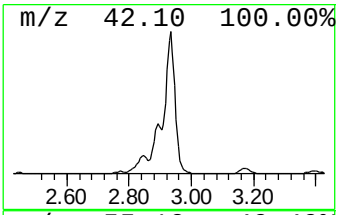
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	1-Pentene	70	C5H10	000109-67-1	50
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	50
4	2-Pentene	70	C5H10	000109-68-2	37
5	2-Pentene, (E)-	70	C5H10	000646-04-8	37

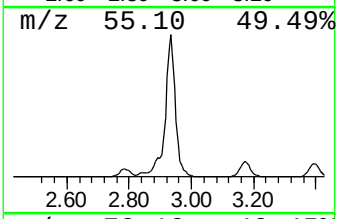


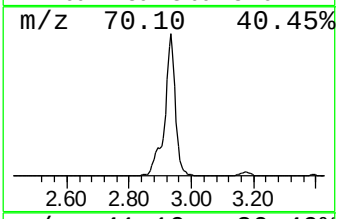


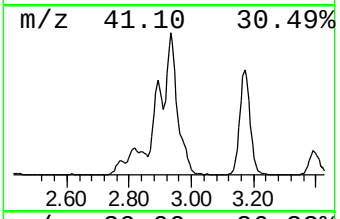


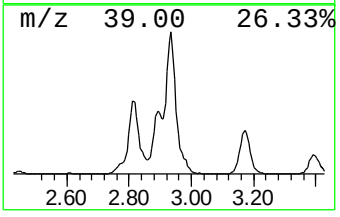












Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

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

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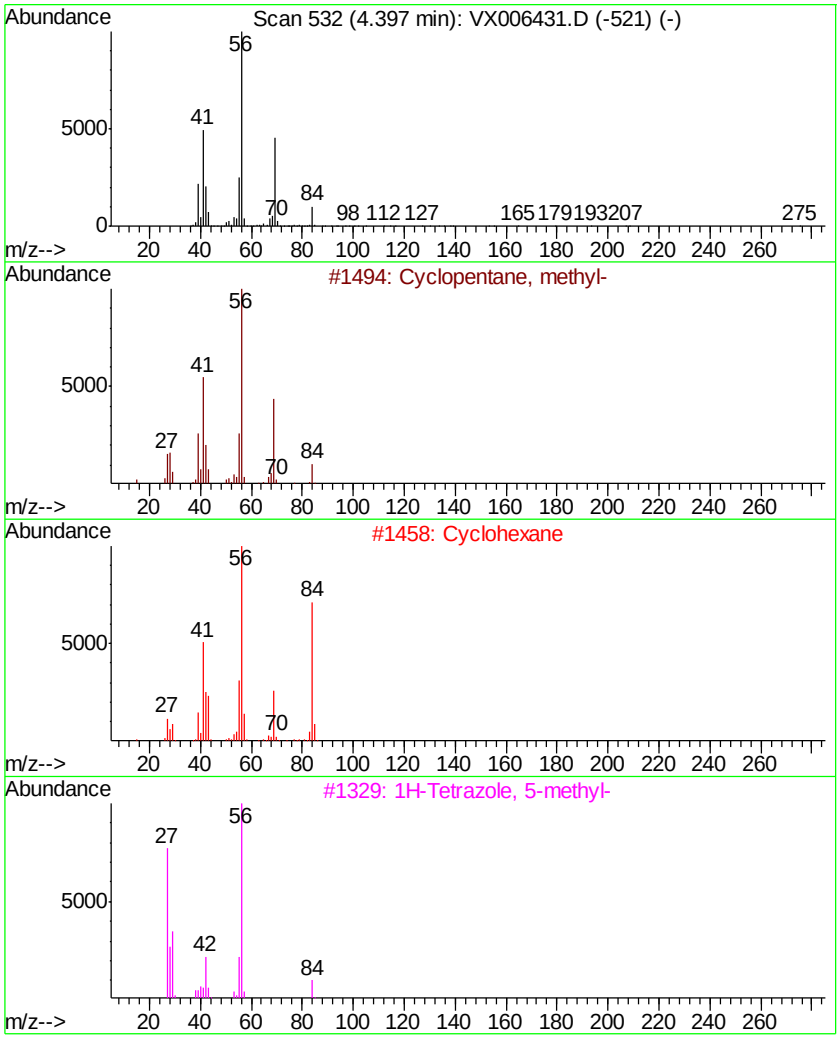
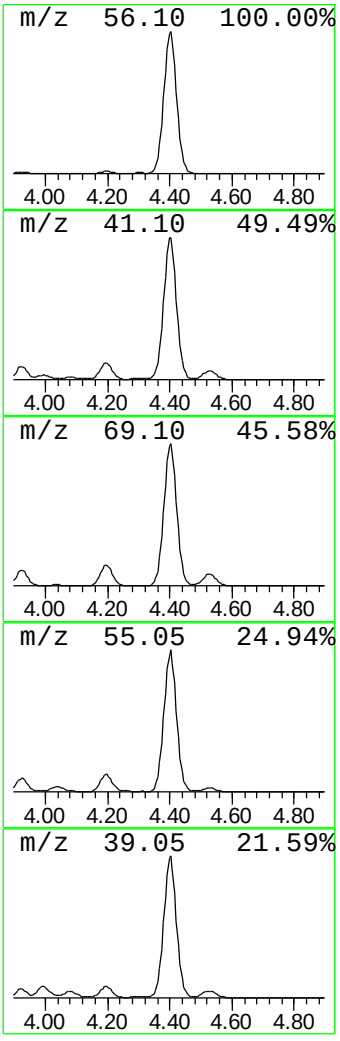
Peak Number 5 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	446.71 ug/l	10416200	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

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

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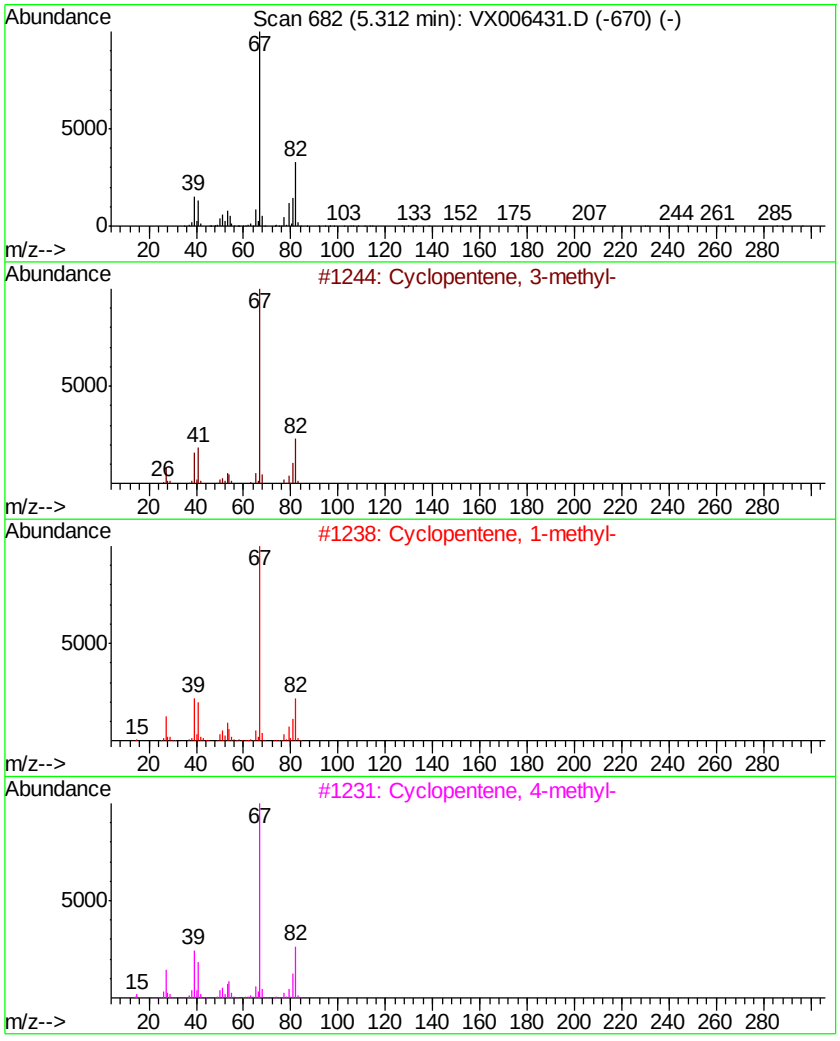
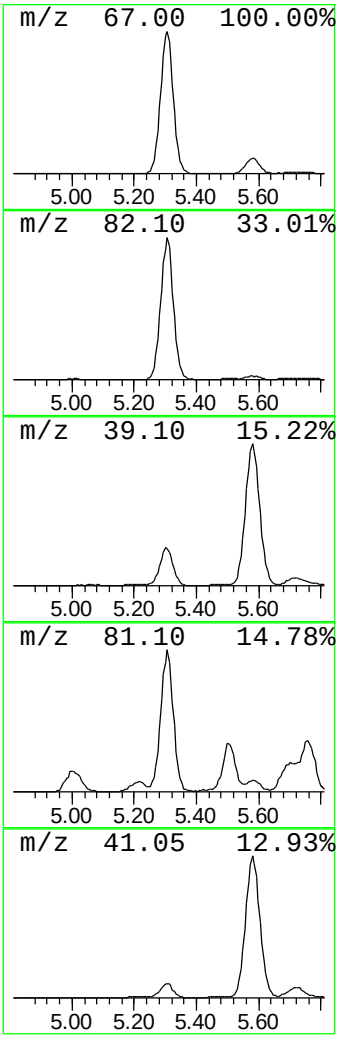
Peak Number 6 Cyclopentene, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	132.24 ug/l	3083570	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
3	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
4	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	83
5	Cyclopentane, methylene-	82	C6H10	001528-30-9	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

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

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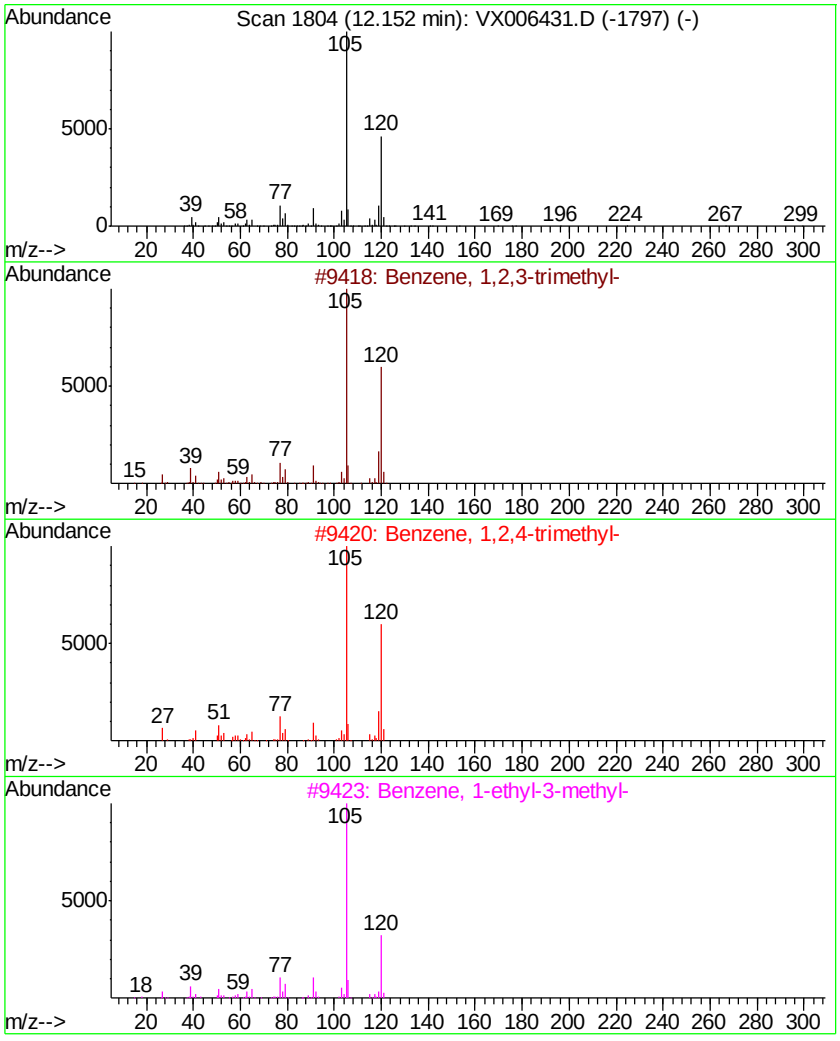
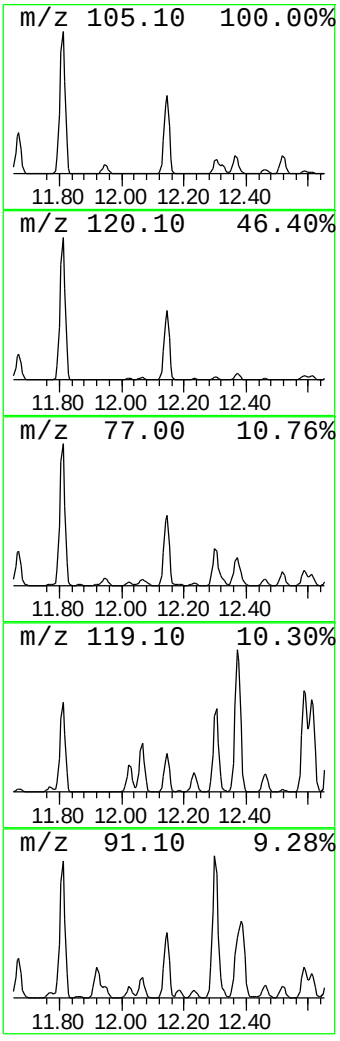
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	135.89 ug/l	13078600	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	94
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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

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

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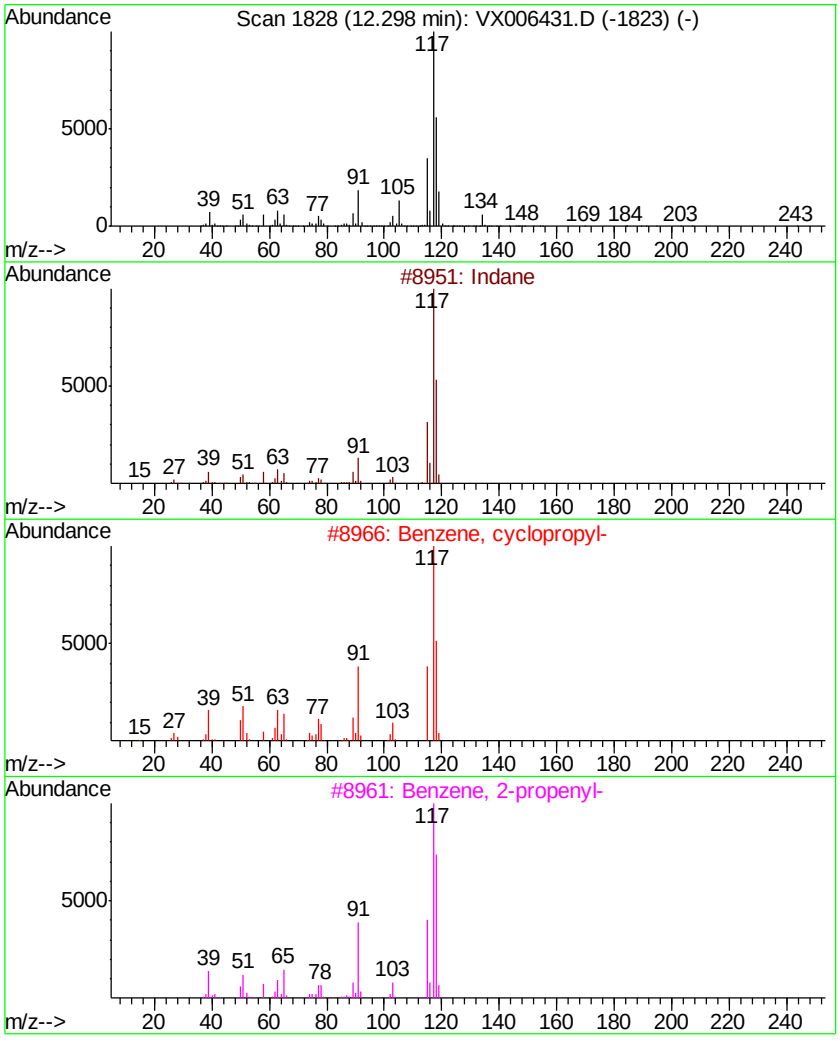
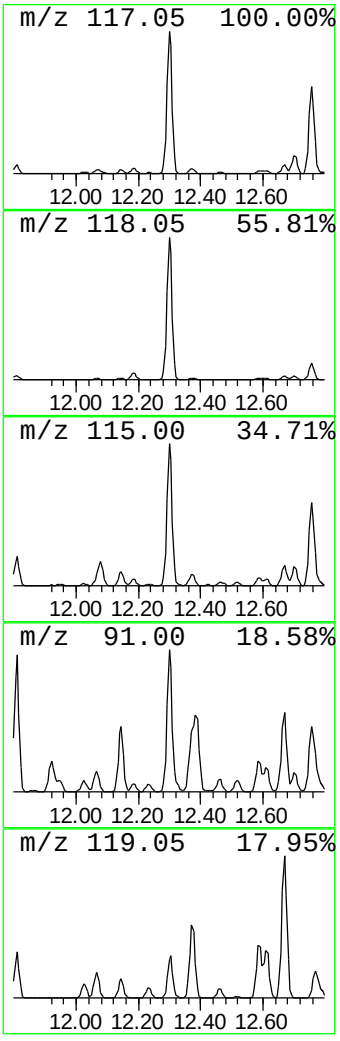
Peak Number 8 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	221.59 ug/l	21326500	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

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

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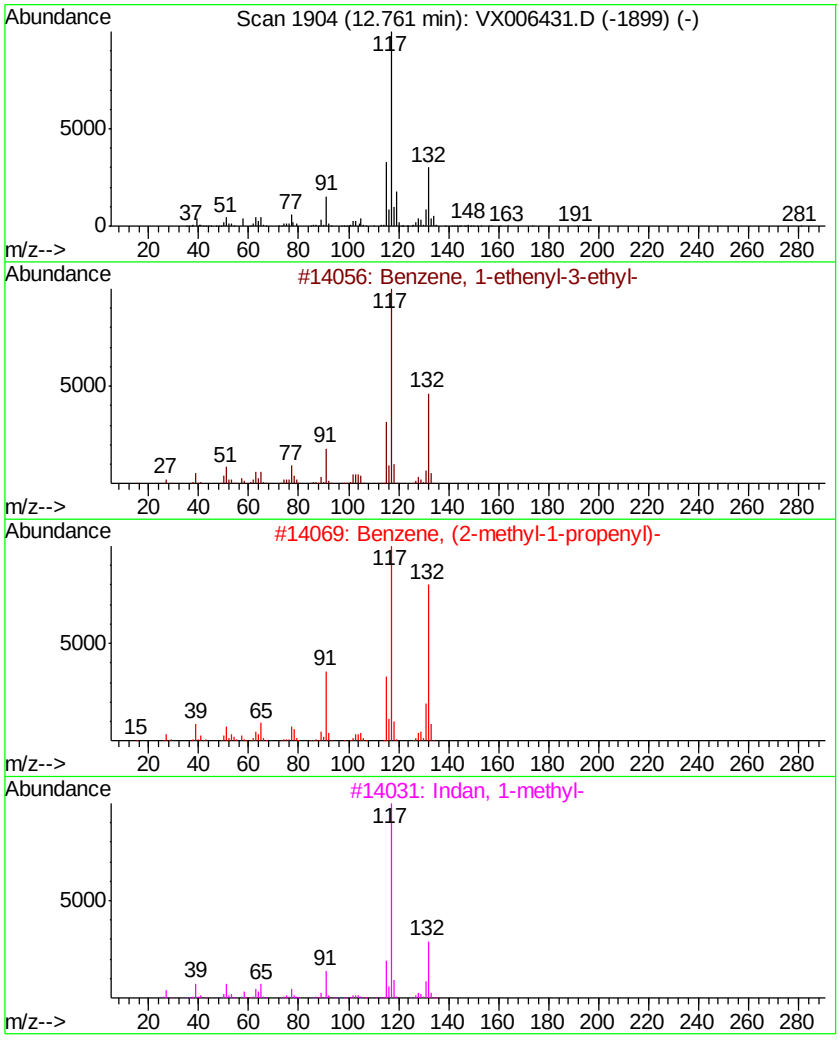
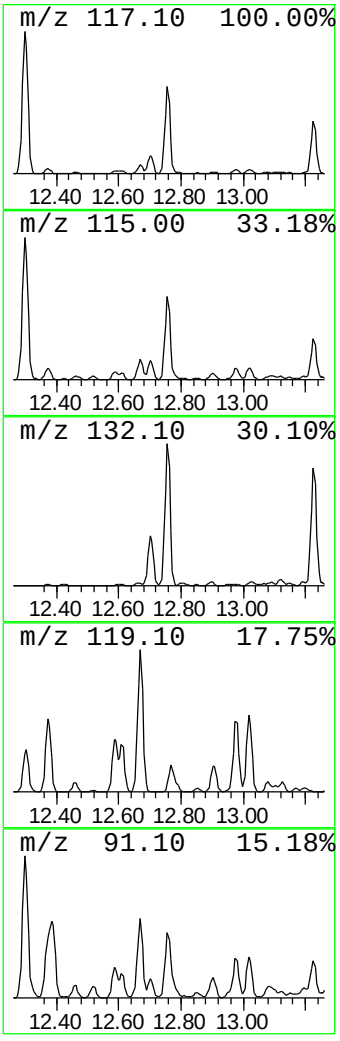
Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	126.71 ug/l	12194400	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

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

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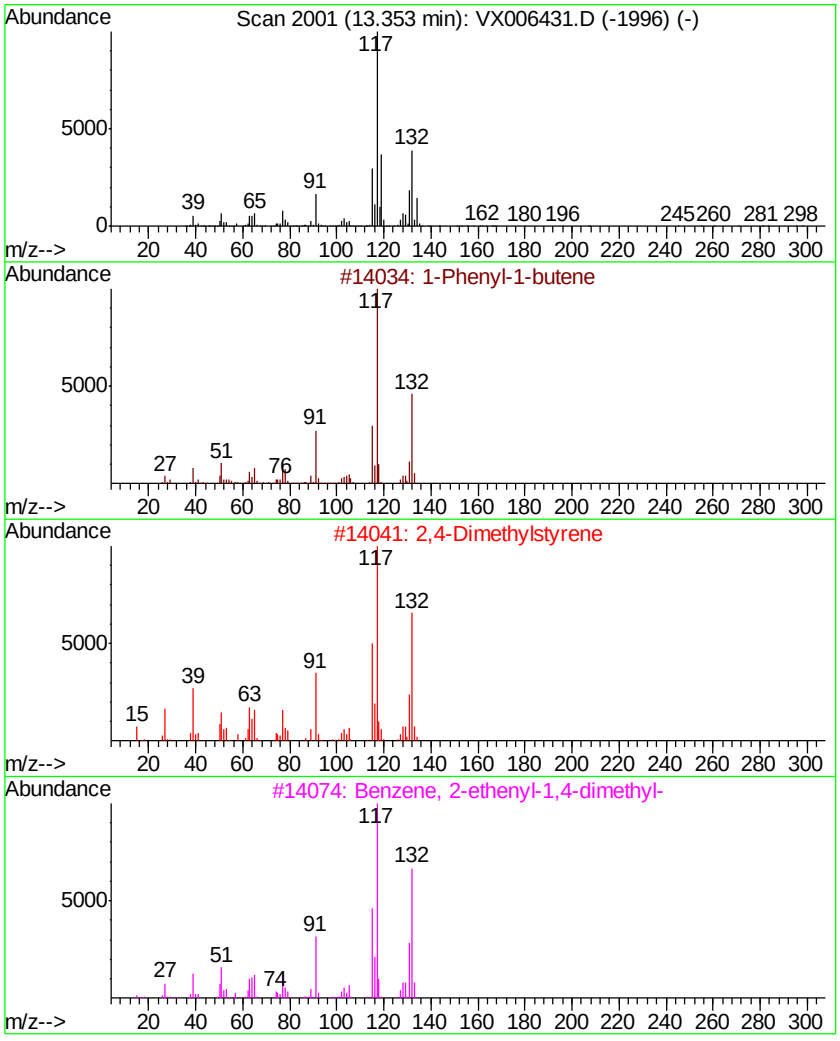
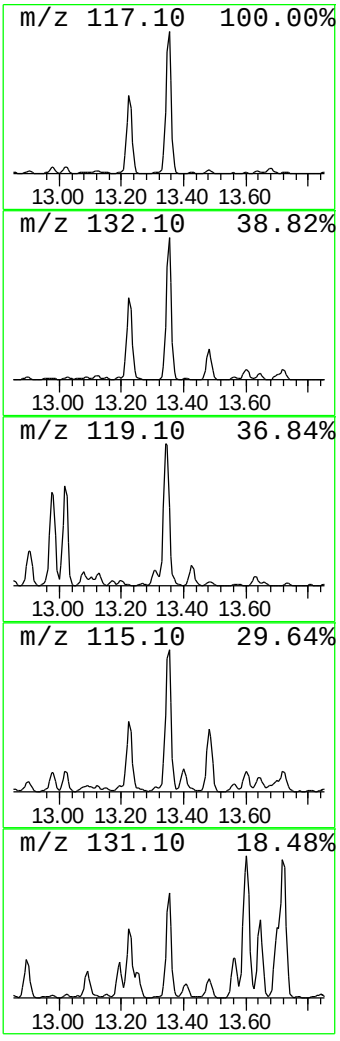
Peak Number 10 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	205.82 ug/l	19808600	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006431.D
Acq On : 11 Dec 2018 19:58
Operator : JC/MD
Sample : J6334-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-121018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.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-methyl-	1.79	157.8	ug/l	3679510	1	5.67	1165870	50.0
Pentane	2.00	208.1	ug/l	4851270	1	5.67	1165870	50.0
Cyclopropane, 1,2...	2.27	162.6	ug/l	3790640	1	5.67	1165870	50.0
Cyclopentane	2.93	187.0	ug/l	4359990	1	5.67	1165870	50.0
Cyclopentane, met...	4.40	446.7	ug/l	10416200	1	5.67	1165870	50.0
Cyclopentene, 3-m...	5.31	132.2	ug/l	3083570	1	5.67	1165870	50.0
Benzene, 1,2,3-tr...	12.15	135.9	ug/l	13078600	4	12.08	4812070	50.0
Indane	12.30	221.6	ug/l	21326500	4	12.08	4812070	50.0
Benzene, 1-etheny...	12.76	126.7	ug/l	12194400	4	12.08	4812070	50.0
1-Phenyl-1-butene	13.35	205.8	ug/l	19808600	4	12.08	4812070	50.0