LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010677.D
Acq On : 04 Jul 2019 09:01
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 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	1.794	99	105	112	rVB	198878	289119	2.47%	0.389%
2	2.001	134	139	150	rVB	283478	399135	3.41%	0.537%
3	2.391	196	203	219	rVB	69025	147176	1.26%	0.198%
4	2.849	270	278	280	rBV2	83541	167956	1.43%	0.226%
5	2.891	280	285	290	rVV	273348	515241	4.40%	0.694%
6	3.172	321	331	346	rBV	305682	713365	6.09%	0.961%
7	3.525	380	389	401	rBV	295760	677143	5.78%	0.912%
8	4.403	523	533	547	rVB	354337	1047251	8.94%	1.410%
9	5.501	699	713	719	rBV	142315	414254	3.54%	0.558%
10	5.586	719	727	734	rVV2	305791	1094061	9.34%	1.473%
11	5.665	734	740	747	rVV	250382	772162	6.59%	1.040%
12	5.726	747	750	769	rVV2	80406	213481	1.82%	0.287%
13	5.933	769	784	797	rVV3	194468	609888	5.21%	0.821%
14	6.061	797	805	821	rVV	138631	363896	3.11%	0.490%
15	6.263	825	838	848	rVV4	78395	285156	2.43%	0.384%
16	6.360	848	854	862	rVV2	76092	202781	1.73%	0.273%
17	6.458	862	870	880	rVB	122201	333277	2.84%	0.449%
18	6.708	902	911	920	rBV2	112820	270339	2.31%	0.364%
19	6.860	926	936	945	rBV	359329	846608	7.23%	1.140%
20	7.464	1022	1035	1046	rBV	882681	2013749	17.19%	2.712%
21	7.732	1073	1079	1089	rVB	99000	197674	1.69%	0.266%
22	8.665	1226	1232	1235	rBV2	161969	275567	2.35%	0.371%
23	8.713	1235	1240	1247	rVB	793996	1289710	11.01%	1.737%
24	8.835	1255	1260	1265	rBV	70273	118562	1.01%	0.160%
25	9.037	1288	1293	1300	rVB	145811	242711	2.07%	0.327%
26	9.165	1305	1314	1320	rBV	75760	122841	1.05%	0.165%
27	9.573	1373	1381	1385	rBV3	72522	121182	1.03%	0.163%
28	9.622	1385	1389	1394	rVB	203586	274278	2.34%	0.369%
29	9.677	1394	1398	1403	rBV	124419	181315	1.55%	0.244%
30	10.110	1464	1469	1475	rVB	723769	992757	8.47%	1.337%
31	10.183	1475	1481	1486	rVB	79546	122706	1.05%	0.165%
32	10.250	1486	1492	1498	rBV	3807194	4970031	42.42%	6.693%
33	10.359	1501	1510	1516	rBV	8826364	11715368	100.00%	15.776%
34	10.695	1561	1565	1576	rVB	1193258	1546390	13.20%	2.082%

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ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
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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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Title : SW846 8260

35	10.835	1576	1588	1595	rBV2	81828	139932	1.19%	0.188%
36	11.018	1613	1618	1623	rBV	535143	673587	5.75%	0.907%
37	11.134	1631	1637	1642	rBV	662991	849324	7.25%	1.144%
38	11.359	1669	1674	1681	rVB	869893	1067918	9.12%	1.438%
39	11.432	1681	1686	1688	rBV	1961308	2608591	22.27%	3.513%
40	11.506	1694	1698	1706	rVB	1719162	2020775	17.25%	2.721%
41	11.664	1715	1724	1734	rBV	2163117	2716710	23.19%	3.658%
42	11.804	1742	1747	1753	rVB	5596242	6833783	58.33%	9.202%
43	11.920	1758	1766	1767	rBV	88264	121065	1.03%	0.163%
44	11.945	1767	1770	1777	rVB	274794	327522	2.80%	0.441%
45	12.024	1777	1783	1786	rBV	400672	479170	4.09%	0.645%
46	12.073	1786	1791	1797	rVB2	920795	1400639	11.96%	1.886%
47	12.140	1797	1802	1808	rBV	2834665	3386441	28.91%	4.560%
48	12.231	1812	1817	1821	rVB	106892	127152	1.09%	0.171%
49	12.298	1821	1828	1831	rBV	1065032	1479617	12.63%	1.992%
50	12.371	1835	1840	1849	rVB3	1053425	1647578	14.06%	2.219%
51	12.457	1849	1854	1859	rBV2	266217	332398	2.84%	0.448%
52	12.518	1859	1864	1869	rBV	765656	919727	7.85%	1.238%
53	12.585	1870	1875	1877	rBV	794748	1033231	8.82%	1.391%
54	12.609	1877	1879	1883	rVB	870685	875998	7.48%	1.180%
55	12.664	1883	1888	1892	rBV	892984	1071200	9.14%	1.442%
56	12.701	1892	1894	1898	rVB	173951	178809	1.53%	0.241%
57	12.755	1898	1903	1911	rBV4	473431	881577	7.52%	1.187%
58	12.902	1922	1927	1932	rVB2	570475	727902	6.21%	0.980%
59	12.975	1932	1939	1942	rBV	498934	657426	5.61%	0.885%
60	13.018	1942	1946	1952	rVB	909262	1077247	9.20%	1.451%
61	13.079	1952	1956	1961	rBV2	110699	211165	1.80%	0.284%
62	13.194	1971	1975	1977	rBV3	123039	159960	1.37%	0.215%
63	13.225	1977	1980	1983	rVB	185110	210528	1.80%	0.283%
64	13.304	1990	1993	1995	rBV	126583	159255	1.36%	0.214%
65	13.341	1995	1999	2005	rVB2	1324646	1749416	14.93%	2.356%
66	13.475	2017	2021	2029	rVB	424290	548572	4.68%	0.739%
67	13.639	2044	2048	2053	rVV3	162106	285274	2.44%	0.384%
68	13.719	2059	2061	2067	rVB2	175288	241226	2.06%	0.325%
69	13.834	2072	2080	2087	rVB	915563	1278226	10.91%	1.721%
70	13.908	2087	2092	2097	rVB	92664	127074	1.08%	0.171%
71	13.981	2097	2104	2108	rBV2	144269	226340	1.93%	0.305%

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 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

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Peak separation: 5

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

72	14.286	2146	2154	2159	rVB2	186426	334605	2.86%	0.451%
73	14.536	2190	2195	2201	rBV2	182764	245015	2.09%	0.330%
74	14.694	2214	2221	2225	rBV	528954	685064	5.85%	0.922%
75	14.834	2239	2244	2249	rBV	372432	488607	4.17%	0.658%
76	15.682	2376	2383	2387	rBV	75345	129067	1.10%	0.174%

Sum of corrected areas: 74261843

LSC Report - Integrated Chromatogram

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Data File : VX010677.D
Acq On : 04 Jul 2019 09:01
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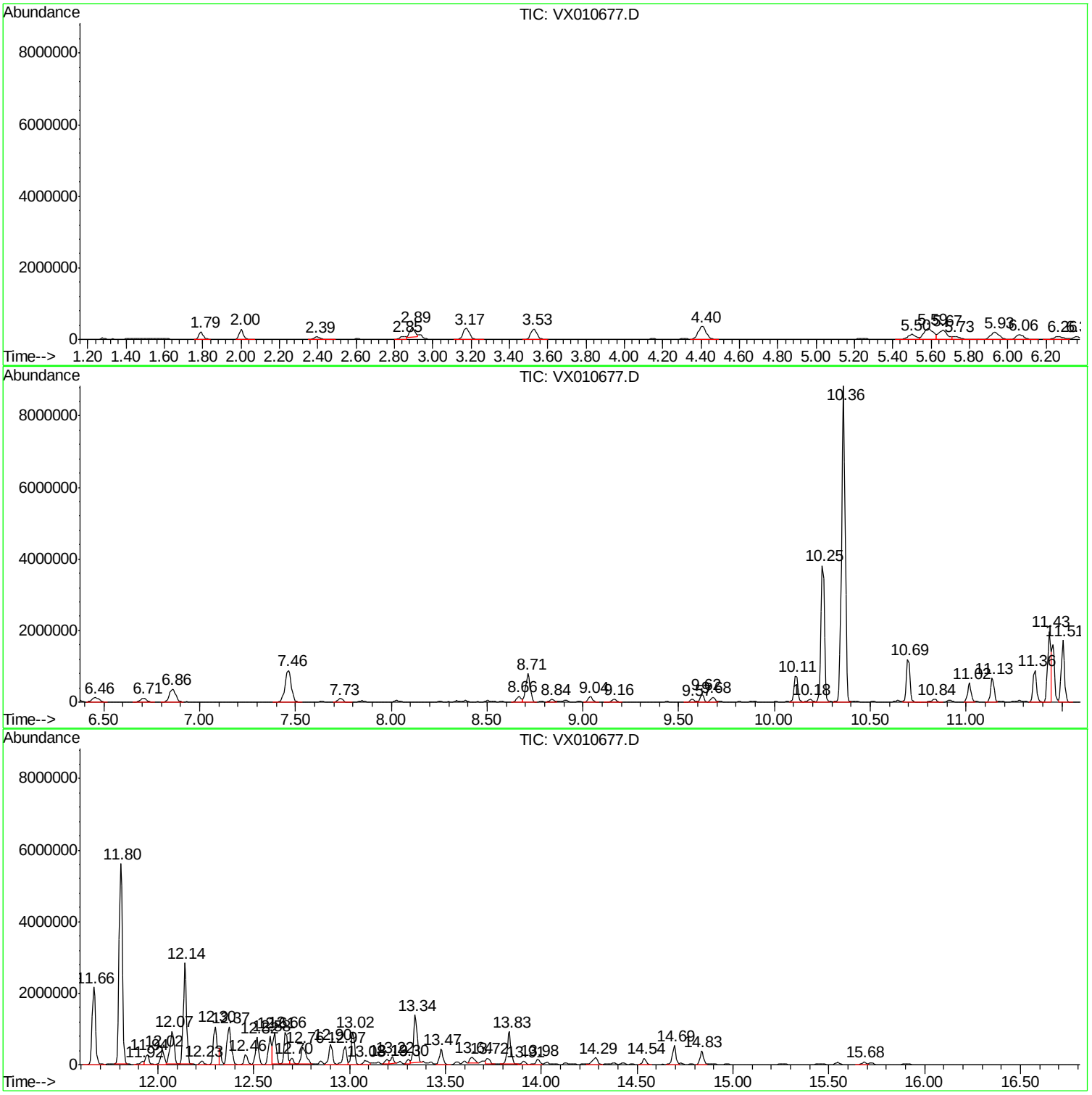
Sample : K3664-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010677.D
Acq On : 04 Jul 2019 09:01
Operator : JC/SP
Sample : K3664-04
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ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

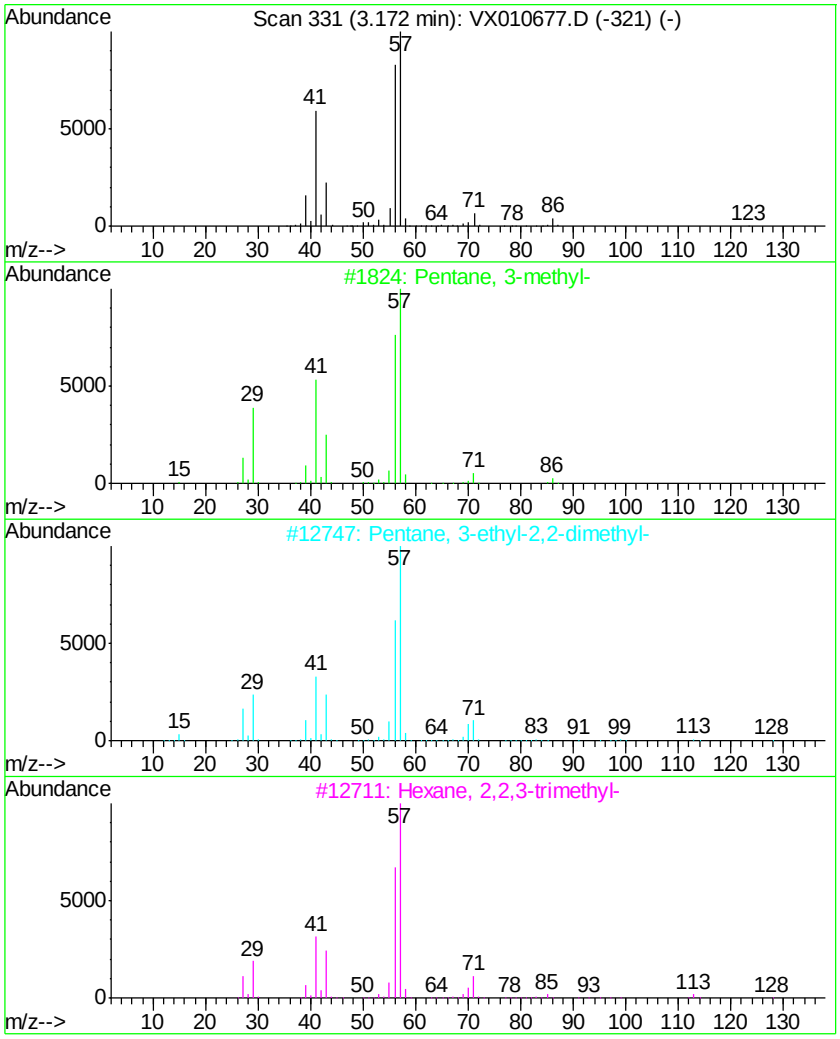
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

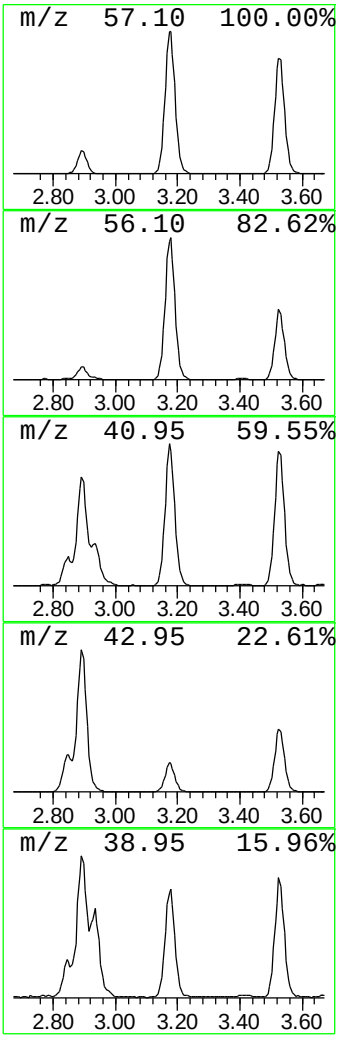
****

Peak Number 1 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	46.19 ug/l	713365	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	40
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	40
4	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	36
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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Operator : JC/SP
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ALS Vial : 48 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

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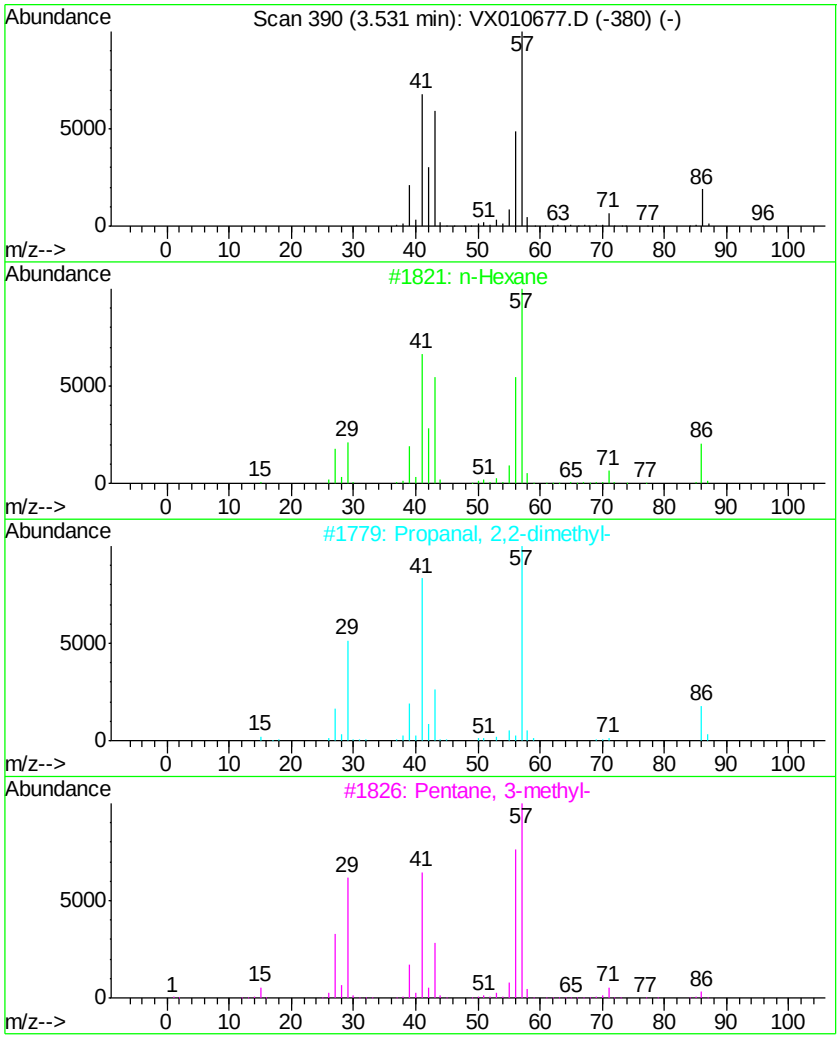
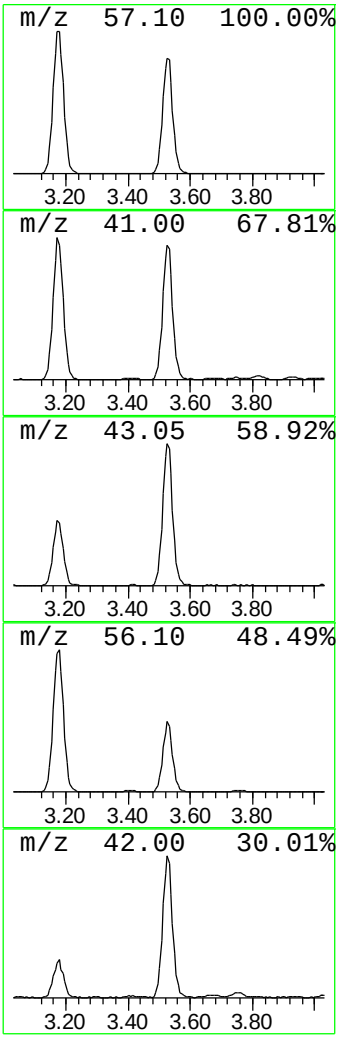
Peak Number 2 n-Hexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	43.85 ug/l	677143	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	42
4	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 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
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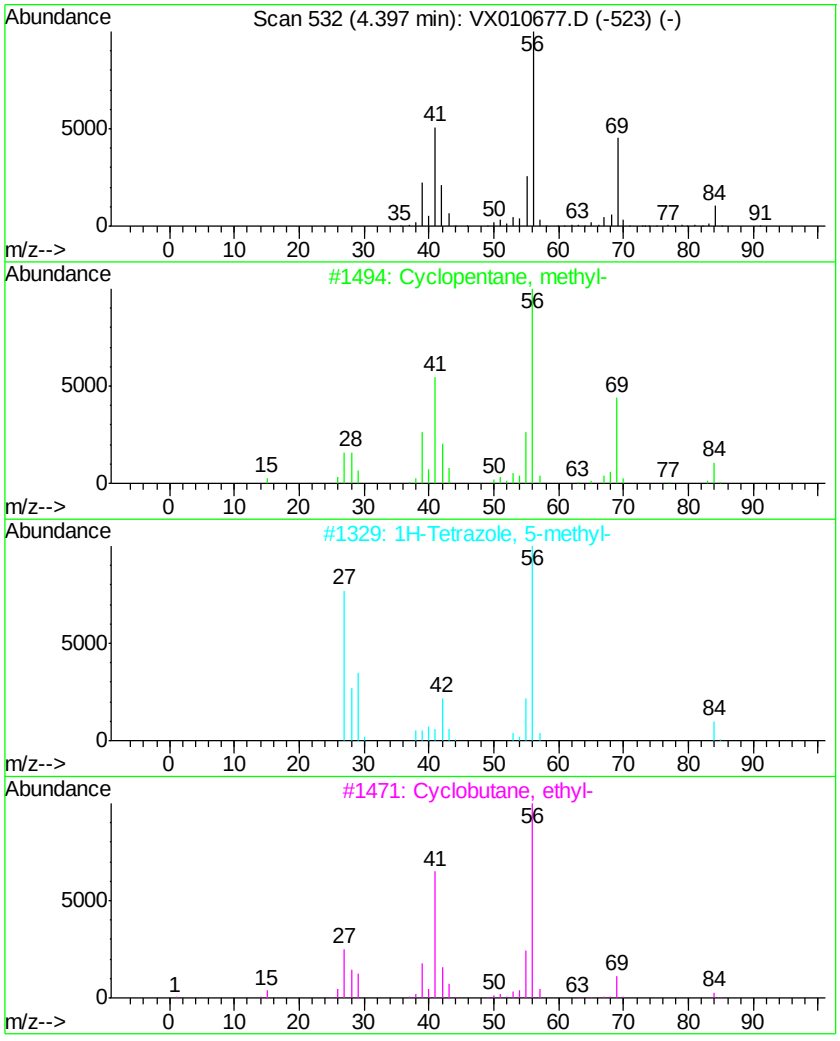
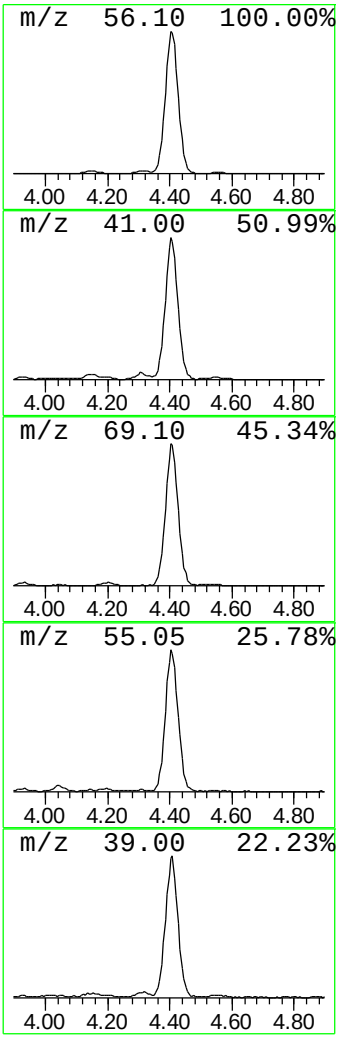
Peak Number 3 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	67.81 ug/l	1047250	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
5	Cyclohexane	84	C6H12	000110-82-7	56





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ALS Vial : 48 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

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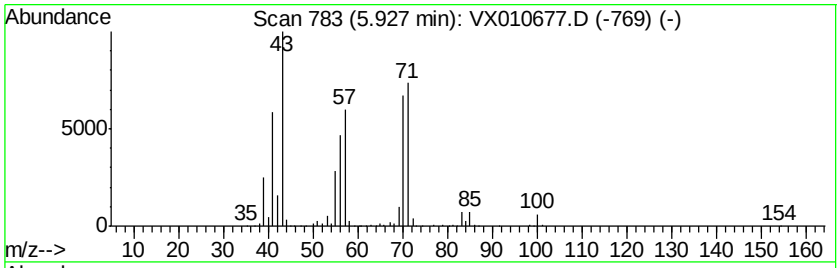
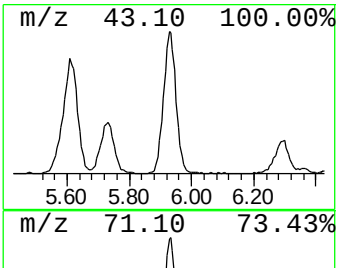
Peak Number 4 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	39.49 ug/l	609888	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
2	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	53





Library Search Compound Report

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ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

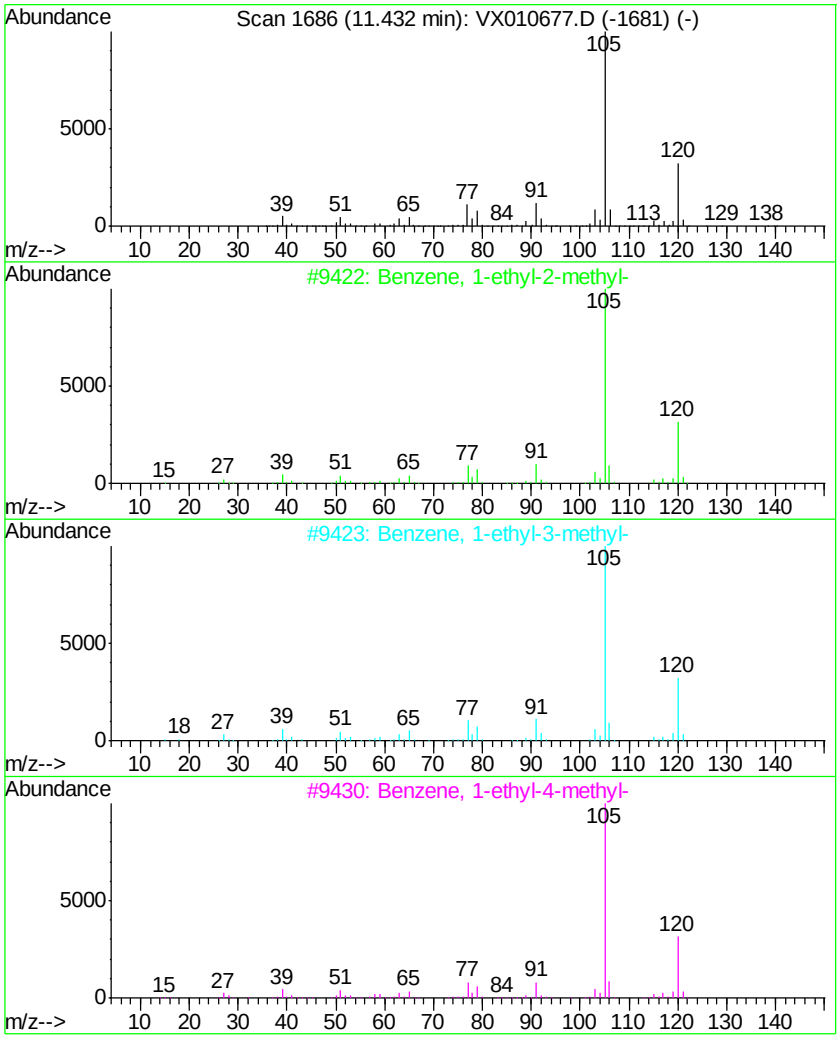
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

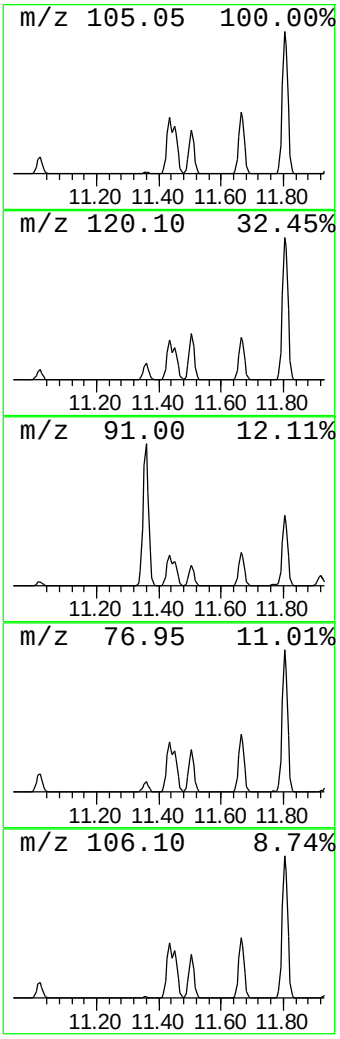
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	93.12 ug/l	2608590	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588

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

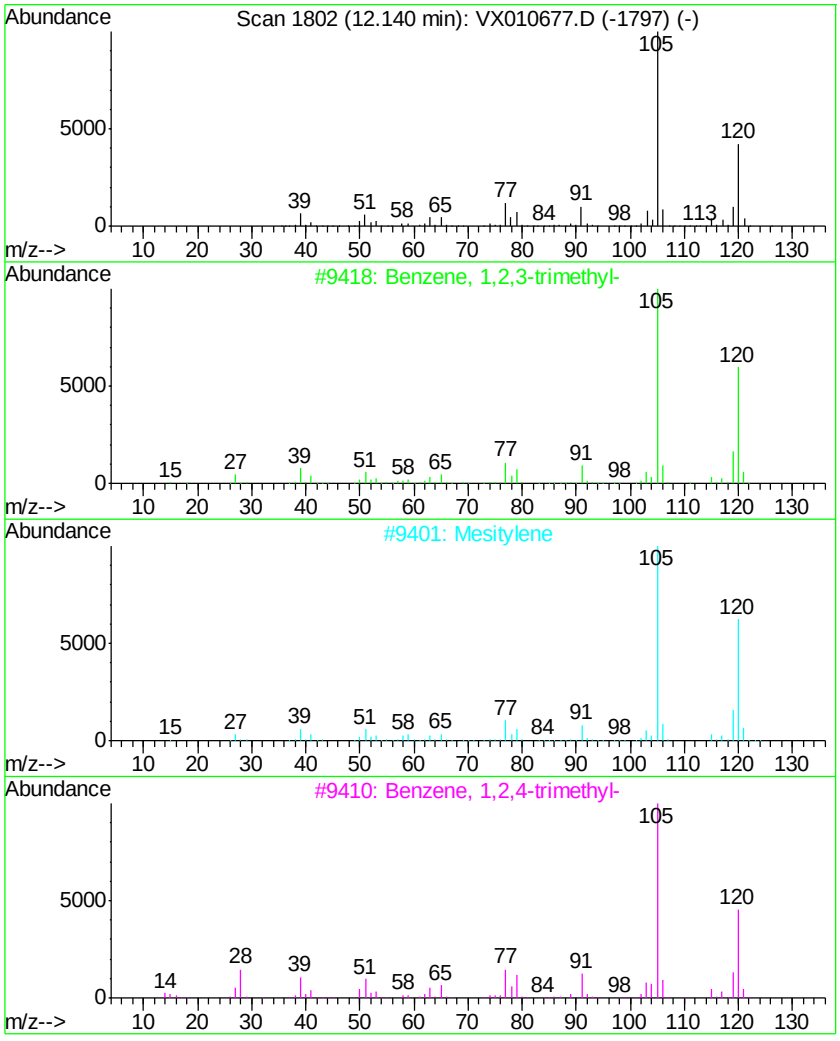
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

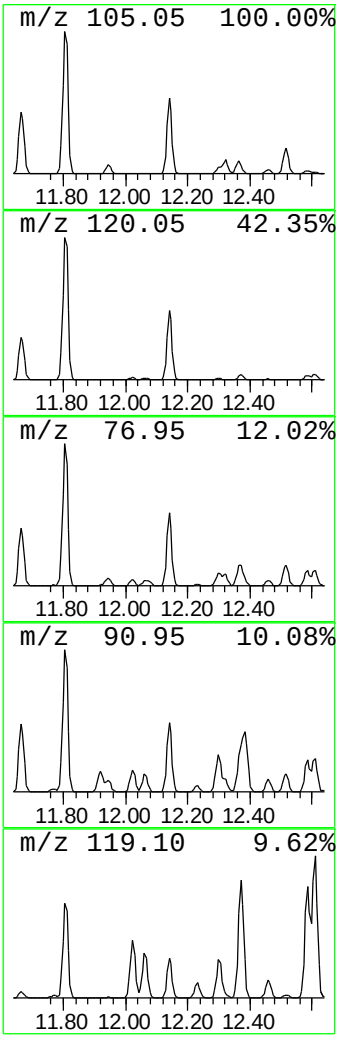
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	120.89 ug/l	3386440	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	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Data File : VX010677.D
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Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 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

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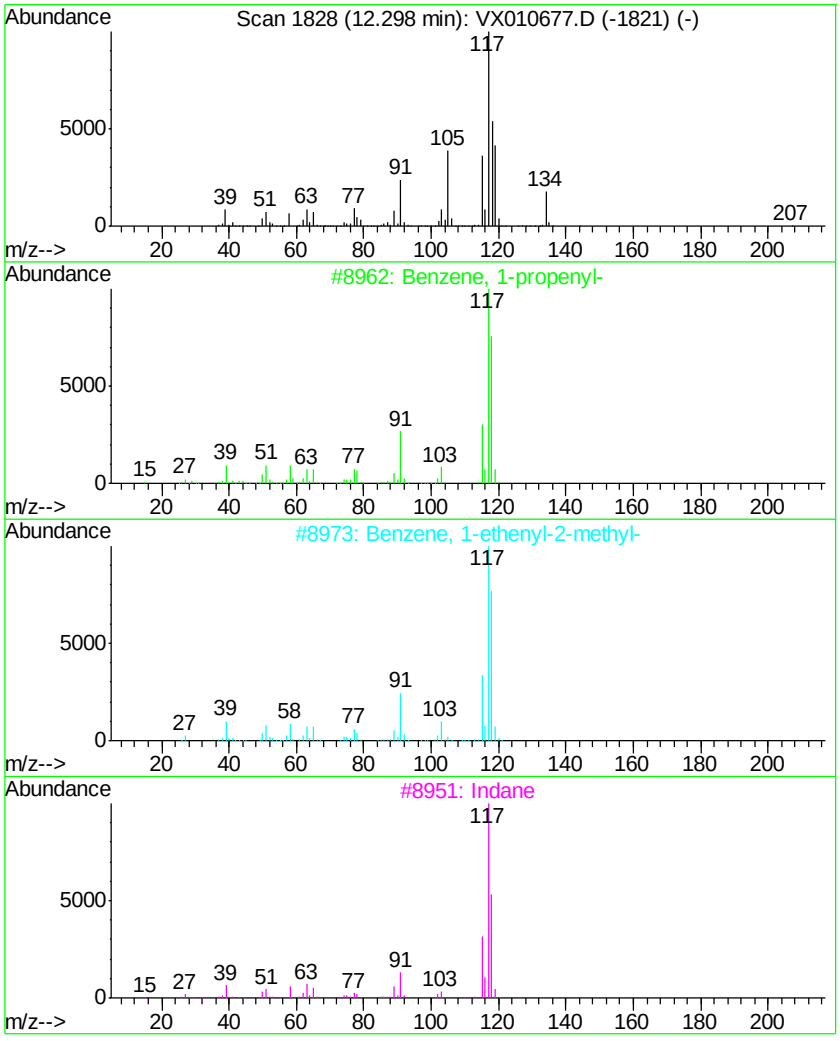
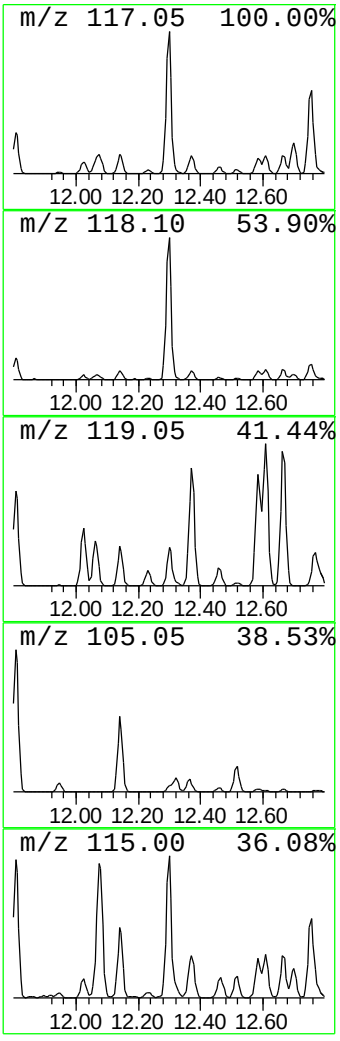
Peak Number 8 Benzene, 1-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	52.82 ug/l	1479620	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, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010677.D
Acq On : 04 Jul 2019 09:01
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 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

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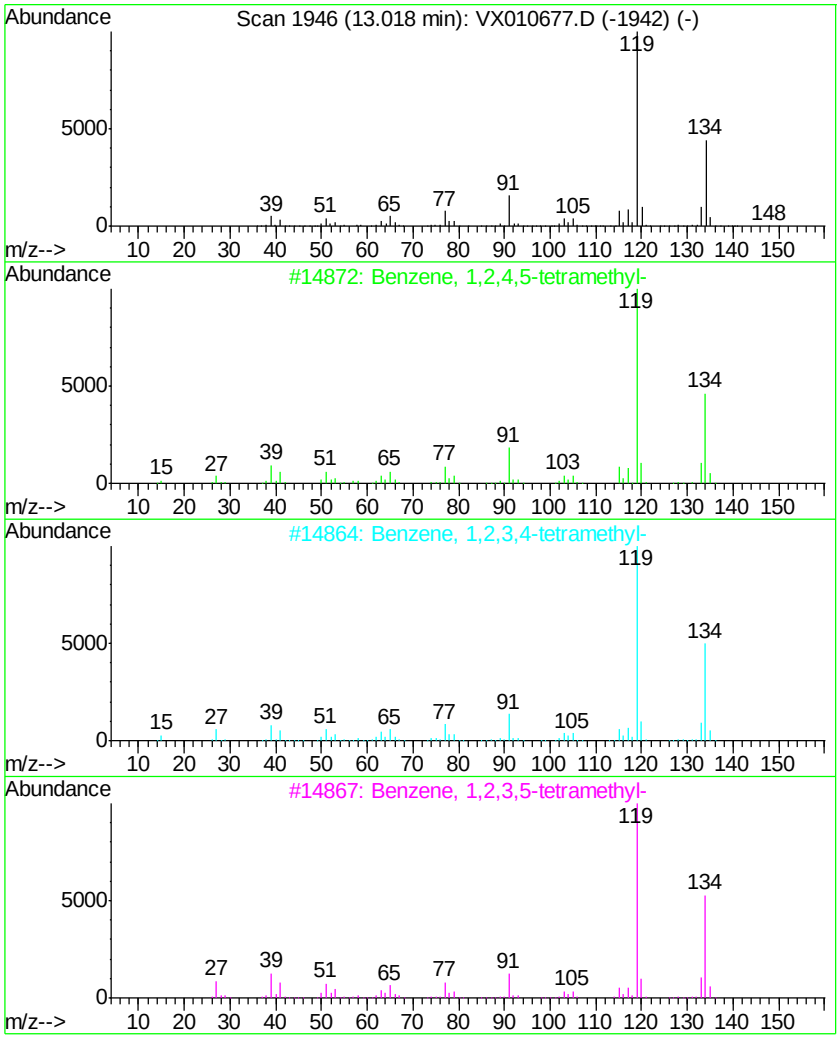
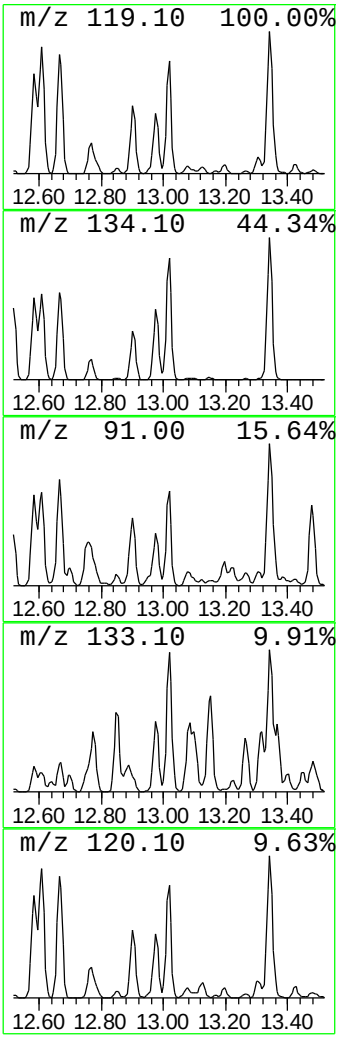
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	38.46 ug/l	1077250	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010677.D
Acq On : 04 Jul 2019 09:01
Operator : JC/SP
Sample : K3664-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 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	46.2	ug/l	713365	1	5.67	772162	50.0
n-Hexane	3.53	43.9	ug/l	677143	1	5.67	772162	50.0
Cyclopentane, met...	4.40	67.8	ug/l	1047250	1	5.67	772162	50.0
Hexane, 3-methyl-	5.93	39.5	ug/l	609888	1	5.67	772162	50.0
Benzene, 1-ethyl-...	11.43	93.1	ug/l	2608590	4	12.08	1400640	50.0
Benzene, 1,2,3-tr...	12.14	120.9	ug/l	3386440	4	12.08	1400640	50.0
Benzene, 1-propenyl-	12.30	52.8	ug/l	1479620	4	12.08	1400640	50.0
Benzene, 1,2,4,5-...	13.02	38.5	ug/l	1077250	4	12.08	1400640	50.0