LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
Data File : VX010970.D
Acq On : 18 Jul 2019 19:39
Operator : JC/SP
Sample : K3884-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

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\82X071619W.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	114	rVB	438308	639394	6.14%	0.694%
2	2.001	133	139	153	rVB	1191186	1664296	15.97%	1.807%
3	2.397	195	204	218	rVB	365596	742670	7.13%	0.806%
4	2.848	270	278	280	rBV	422129	834385	8.01%	0.906%
5	2.891	280	285	290	rVV	1069982	2021093	19.39%	2.195%
6	3.178	319	332	349	rBV	1313244	3055485	29.32%	3.318%
7	3.525	379	389	404	rBV	686897	1557219	14.94%	1.691%
8	4.409	523	534	548	rVB	2375927	6971961	66.90%	7.571%
9	5.238	654	670	693	rVB3	56962	240018	2.30%	0.261%
10	5.500	699	713	717	rBV	141958	391078	3.75%	0.425%
11	5.586	717	727	736	rBV2	1329996	4111561	39.45%	4.465%
12	5.726	746	750	767	rVB	147502	423836	4.07%	0.460%
13	5.933	771	784	797	rBV4	309584	1007816	9.67%	1.094%
14	6.061	797	805	819	rVV	139503	364491	3.50%	0.396%
15	6.262	821	838	847	rVV2	177159	590507	5.67%	0.641%
16	6.360	847	854	862	rVV	165716	463161	4.44%	0.503%
17	6.457	862	870	882	rVB	234825	647933	6.22%	0.704%
18	6.860	926	936	944	rBV	359106	845143	8.11%	0.918%
19	7.463	1021	1035	1046	rBV	1378831	3142508	30.15%	3.412%
20	7.732	1072	1079	1088	rVB	179612	353714	3.39%	0.384%
21	8.664	1225	1232	1235	rBV2	139077	242243	2.32%	0.263%
22	8.713	1235	1240	1249	rVB	775753	1243509	11.93%	1.350%
23	8.835	1255	1260	1265	rBV	74112	125516	1.20%	0.136%
24	8.908	1265	1272	1278	rVB2	50136	114624	1.10%	0.124%
25	9.036	1288	1293	1300	rVB	141716	232054	2.23%	0.252%
26	9.164	1305	1314	1320	rBV	78470	128419	1.23%	0.139%
27	9.622	1385	1389	1394	rVB	136749	185698	1.78%	0.202%
28	10.109	1464	1469	1475	rBV	747040	983541	9.44%	1.068%
29	10.249	1486	1492	1498	rBV	2540126	3252962	31.21%	3.532%
30	10.359	1502	1510	1516	rBV	4480714	5519733	52.96%	5.994%
31	10.695	1562	1565	1575	rVB	79217	115622	1.11%	0.126%
32	11.018	1613	1618	1632	rVB	343666	443590	4.26%	0.482%
33	11.133	1632	1637	1642	rBV	660029	841358	8.07%	0.914%
34	11.359	1669	1674	1681	rVB	415853	494091	4.74%	0.537%

LSC Area Percent Report

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Operator : JC/SP
Sample : K3884-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

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\82X071619W.M
Title : SW846 8260

35	11.450	1681	1689	1694	rVV	2124235	2800693	26.87%	3.041%
36	11.505	1694	1698	1706	rVB	1246336	1505467	14.45%	1.635%
37	11.664	1719	1724	1734	rBV	2977186	3733914	35.83%	4.055%
38	11.804	1742	1747	1753	rVB	8277525	10421570	100.00%	11.316%
39	11.944	1767	1770	1777	rVB	115517	142395	1.37%	0.155%
40	12.024	1777	1783	1786	rBV	147366	179917	1.73%	0.195%
41	12.072	1786	1791	1797	rVV2	824626	1198528	11.50%	1.301%
42	12.139	1797	1802	1808	rVV	4084908	5085381	48.80%	5.522%
43	12.298	1822	1828	1835	rBV	2529286	3248171	31.17%	3.527%
44	12.371	1835	1840	1849	rVB2	625123	960229	9.21%	1.043%
45	12.456	1849	1854	1859	rBV2	154942	198923	1.91%	0.216%
46	12.517	1859	1864	1869	rBV	448288	531179	5.10%	0.577%
47	12.584	1870	1875	1877	rBV	570885	737617	7.08%	0.801%
48	12.609	1877	1879	1883	rVV	610279	613613	5.89%	0.666%
49	12.664	1883	1888	1891	rVV	766995	940552	9.03%	1.021%
50	12.700	1891	1894	1898	rVB	309023	354249	3.40%	0.385%
51	12.755	1898	1903	1911	rBV2	831901	1280976	12.29%	1.391%
52	12.901	1922	1927	1932	rVB2	441673	571684	5.49%	0.621%
53	12.975	1932	1939	1942	rBV	533137	673752	6.46%	0.732%
54	13.017	1942	1946	1952	rVB	850603	1011122	9.70%	1.098%
55	13.078	1952	1956	1961	rBV2	97138	186299	1.79%	0.202%
56	13.225	1976	1980	1984	rVB	532899	644671	6.19%	0.700%
57	13.304	1990	1993	1995	rBV	89052	112845	1.08%	0.123%
58	13.347	1995	2000	2005	rVB2	1748874	2428850	23.31%	2.637%
59	13.475	2016	2021	2028	rVB	1345725	1728999	16.59%	1.877%
60	13.560	2030	2035	2038	rBV2	75608	104756	1.01%	0.114%
61	13.596	2038	2041	2044	rBV	92786	119112	1.14%	0.129%
62	13.639	2044	2048	2053	rBV3	166054	270410	2.59%	0.294%
63	13.718	2059	2061	2067	rVB2	178939	241947	2.32%	0.263%
64	13.834	2071	2080	2087	rVB	1761675	2368144	22.72%	2.571%
65	13.907	2087	2092	2097	rVB	138446	185529	1.78%	0.201%
66	13.981	2097	2104	2108	rBV2	179815	270358	2.59%	0.294%
67	14.285	2146	2154	2159	rVB	309793	490422	4.71%	0.533%
68	14.535	2190	2195	2205	rBV2	245392	333245	3.20%	0.362%
69	14.694	2213	2221	2225	rBV	983550	1241532	11.91%	1.348%
70	14.834	2239	2244	2250	rBV	722924	945774	9.08%	1.027%
71	15.267	2306	2315	2320	rBV2	54638	110002	1.06%	0.119%

LSC Area Percent Report

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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

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\82X071619W.M
Title : SW846 8260

72	15.681	2375	2383	2387	rBV	68601	128751	1.24%	0.140%

Sum of corrected areas: 92092807

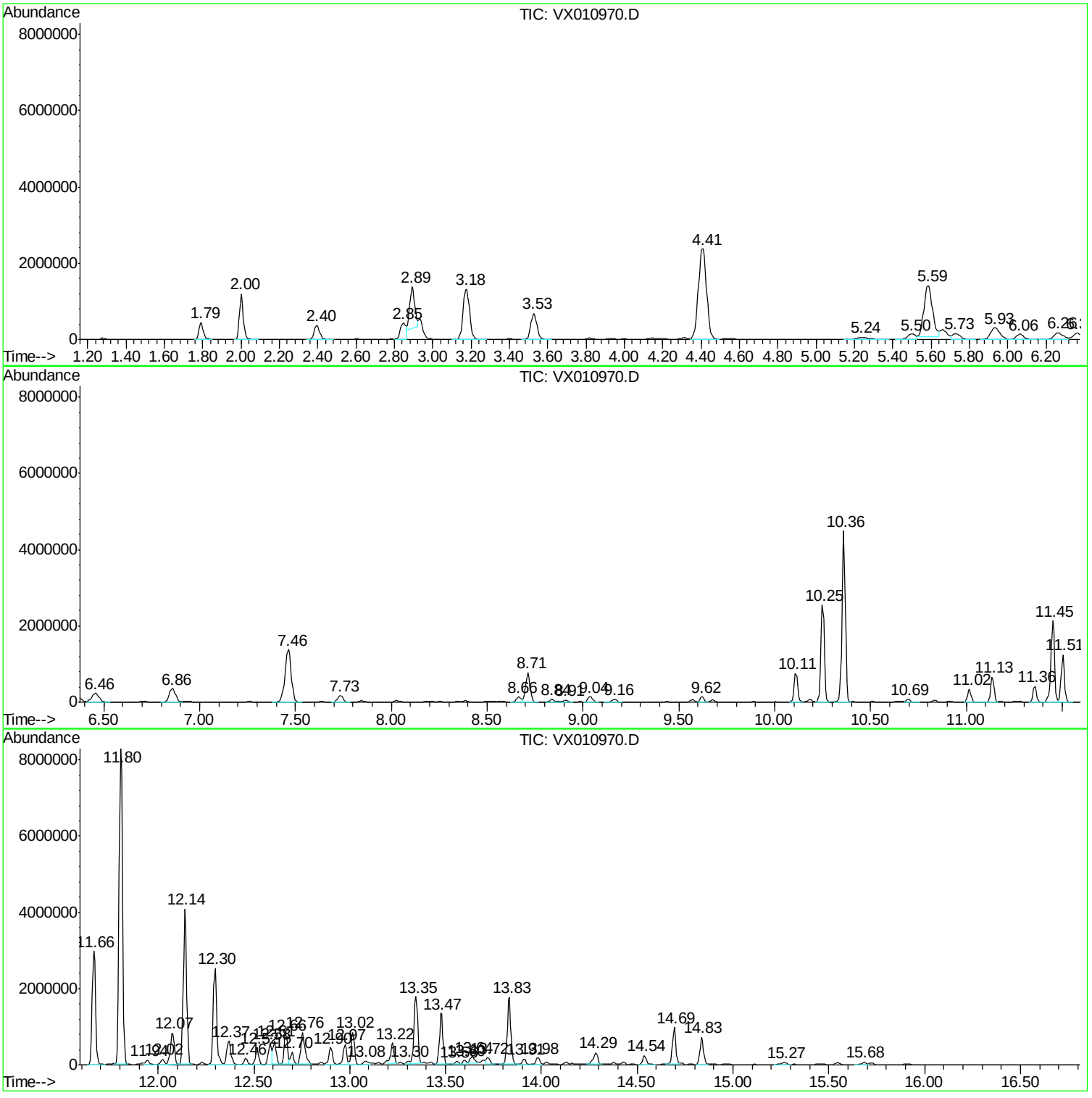
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010970.D
Acq On : 18 Jul 2019 19:39
Operator : JC/SP
Sample : K3884-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
Data File : VX010970.D
Acq On : 18 Jul 2019 19:39
Operator : JC/SP
Sample : K3884-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

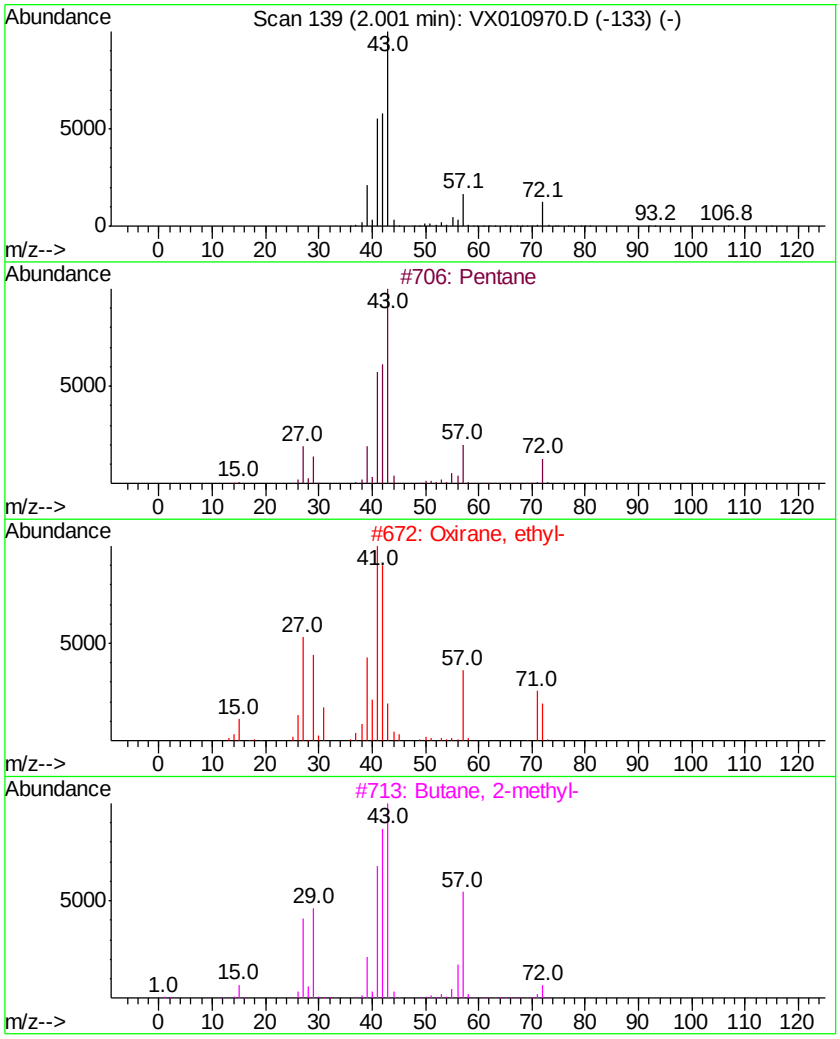
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

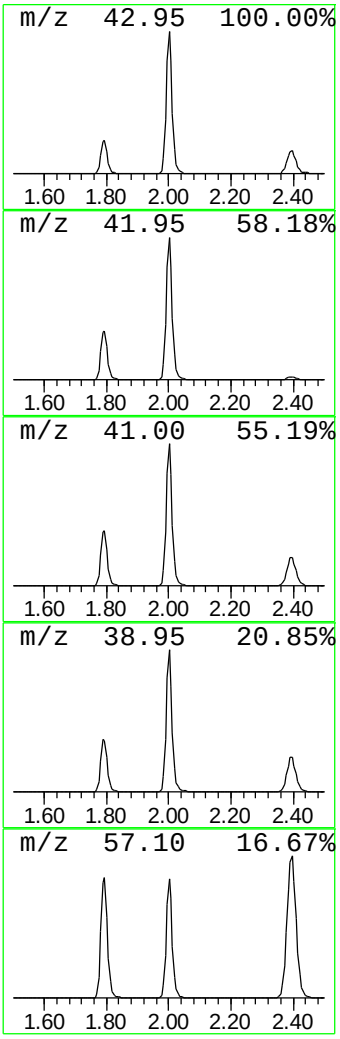
****

Peak Number 1 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	196.34 ug/l	1664300	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	50
3	Butane, 2-methyl-	72	C5H12	000078-78-4	38
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	35
5	Tetrahydrofuran	72	C4H8O	000109-99-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010970.D
Acq On : 18 Jul 2019 19:39
Operator : JC/SP
Sample : K3884-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

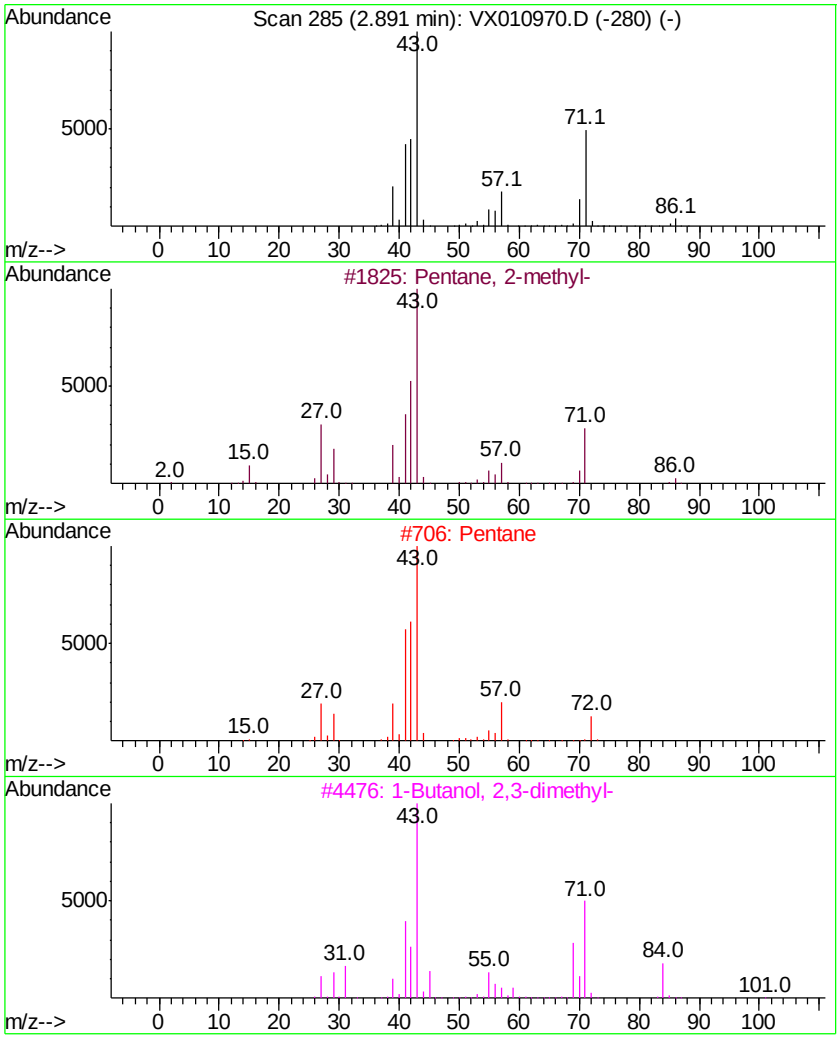
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

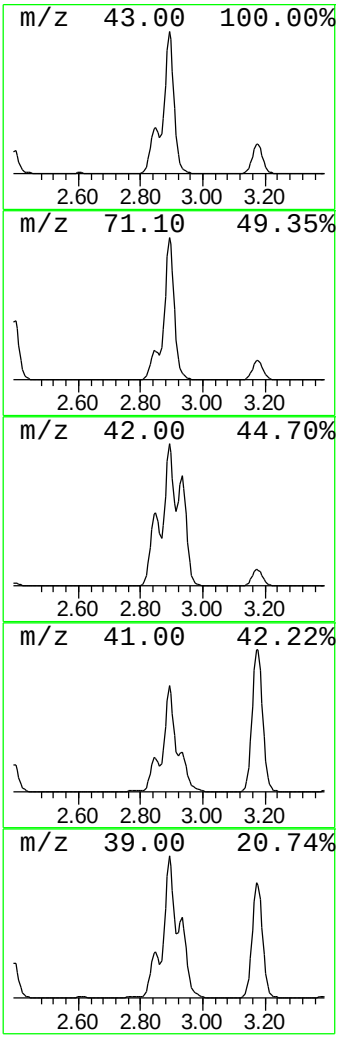
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	238.43 ug/l	2021090	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
2	Pentane	72	C5H12	000109-66-0	46
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010970.D
Acq On : 18 Jul 2019 19:39
Operator : JC/SP
Sample : K3884-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

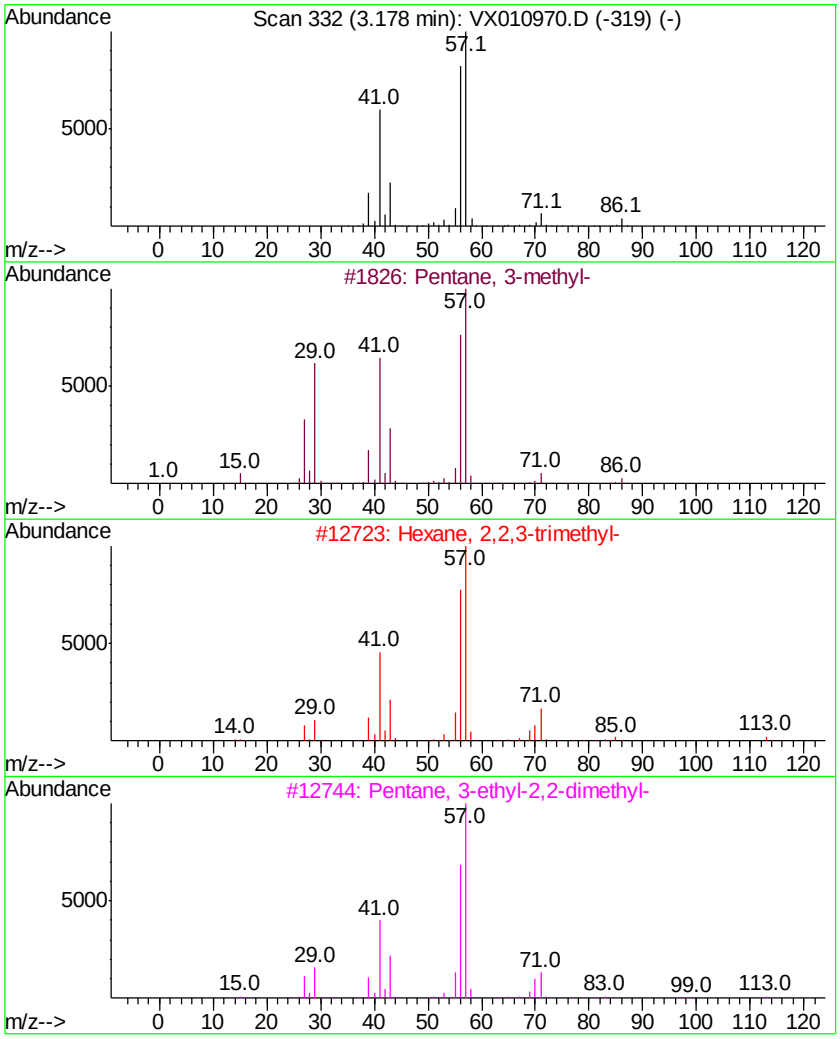
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

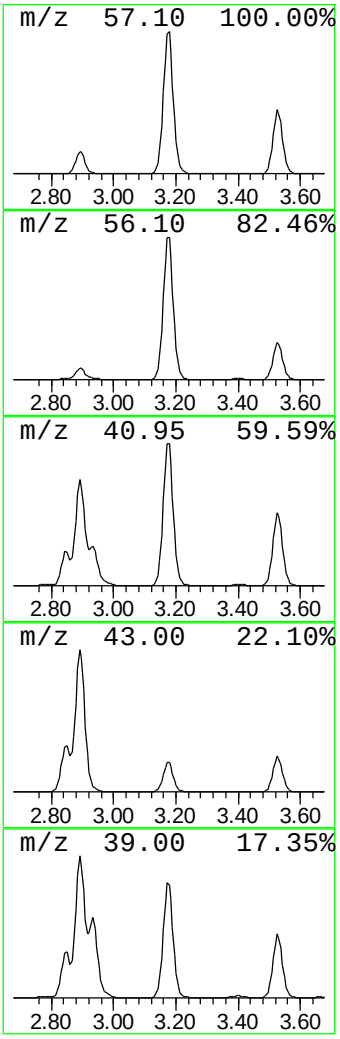
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	360.46 ug/l	3055490	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	83
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
4	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	39





Library Search Compound Report

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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

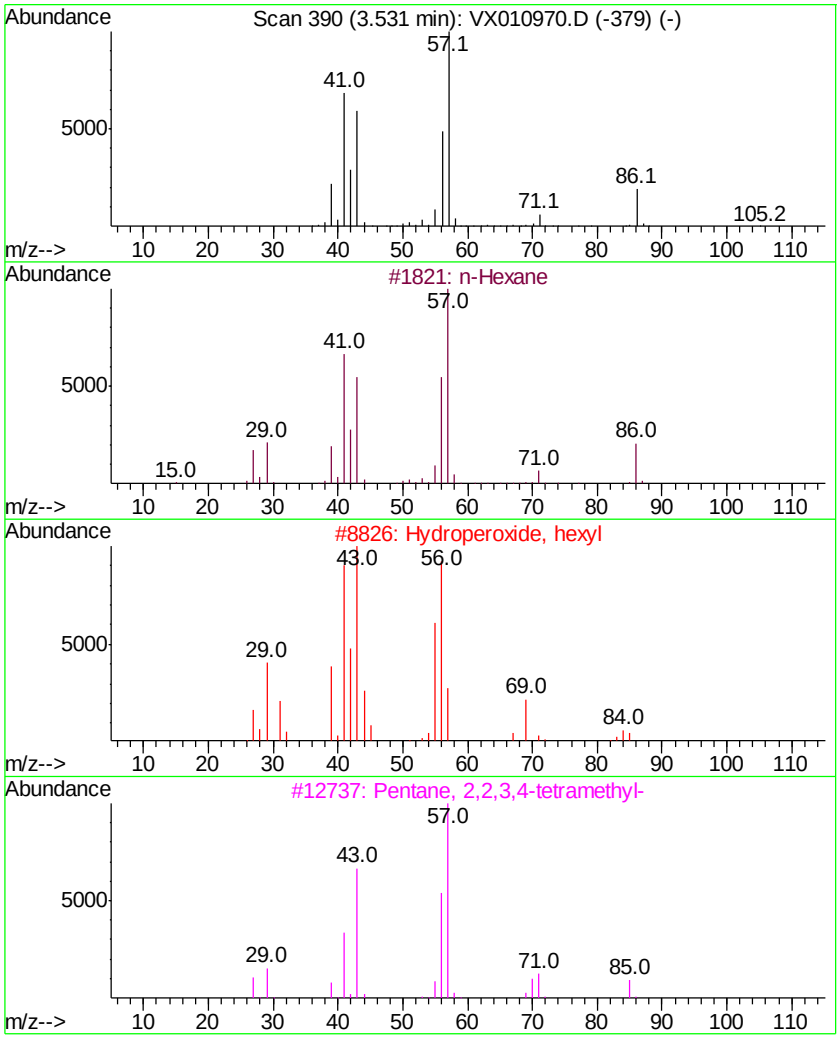
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

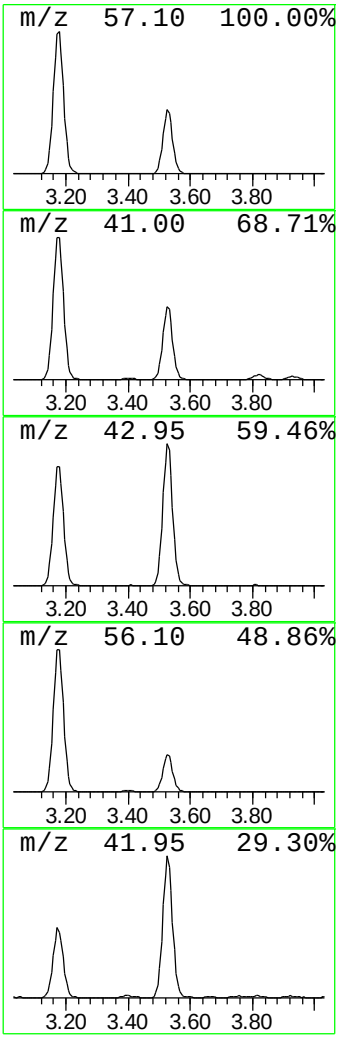
****

Peak Number 4 n-Hexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	183.71 ug/l	1557220	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	43
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
4	Morpholine	87	C4H9NO	000110-91-8	38
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38





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Sample : K3884-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

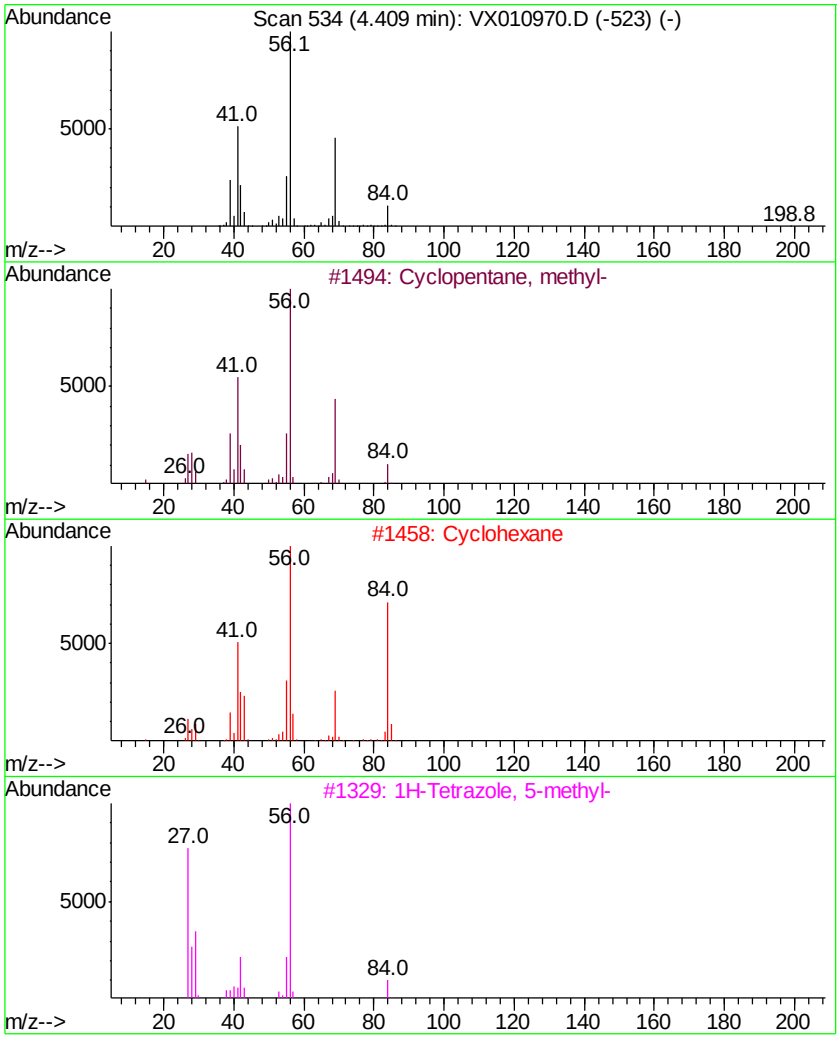
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

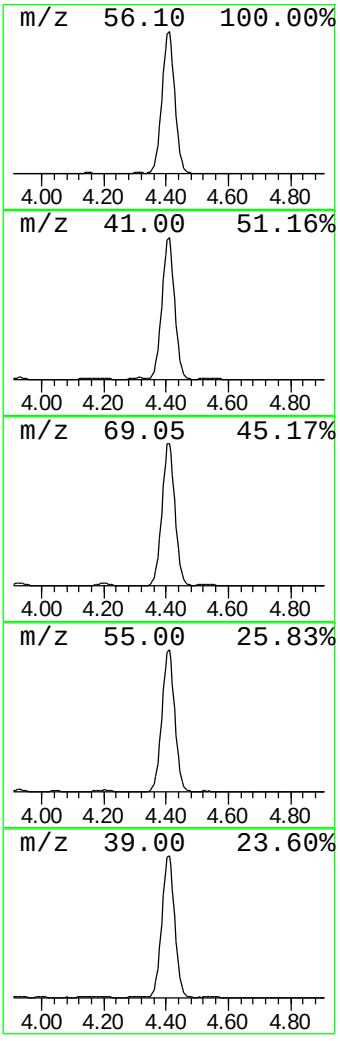
****

Peak Number 5 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	822.48 ug/l	6971960	Pentafluorobenzene	5.66

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	72
5	Cyclobutane	56	C4H8	000287-23-0	53





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

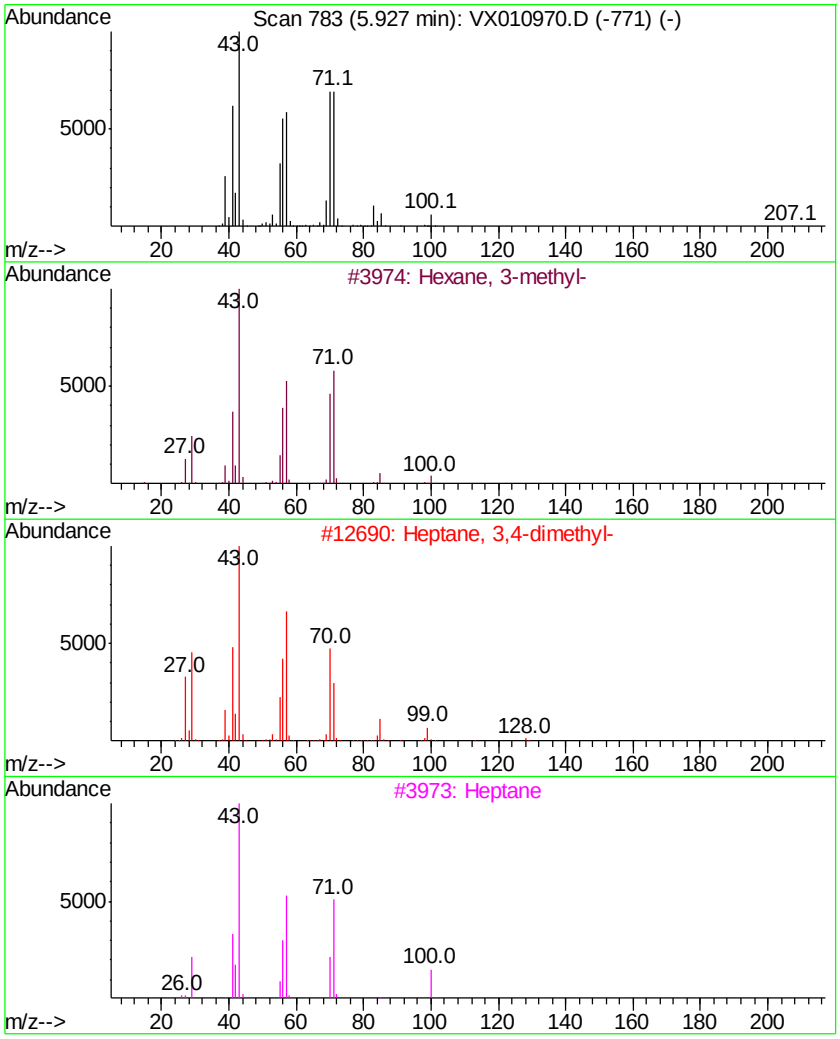
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

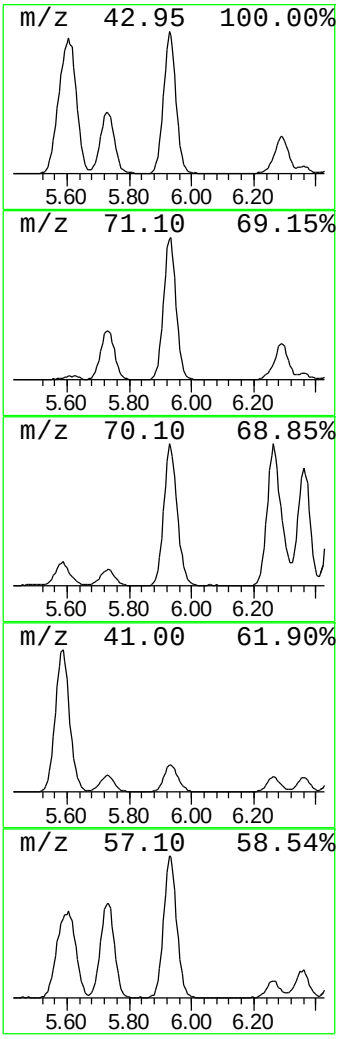
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	118.89 ug/l	1007820	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	86
2	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	59
3	Heptane	100	C7H16	000142-82-5	50
4	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	50
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
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Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

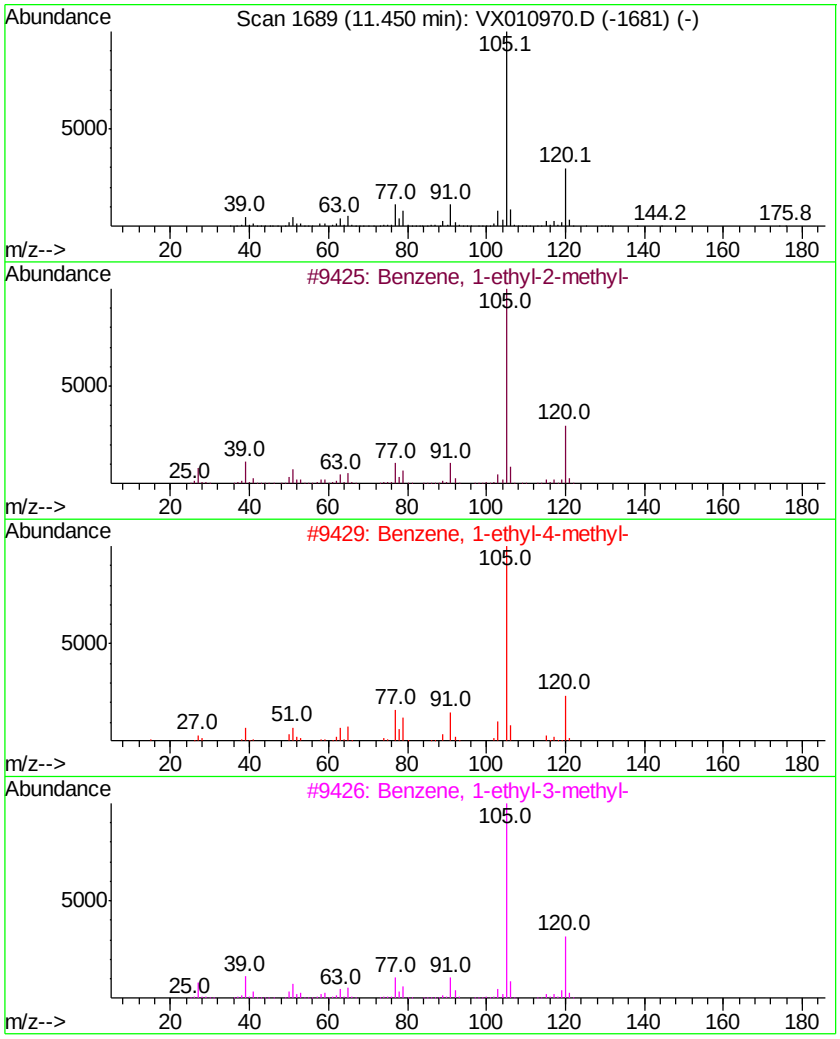
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

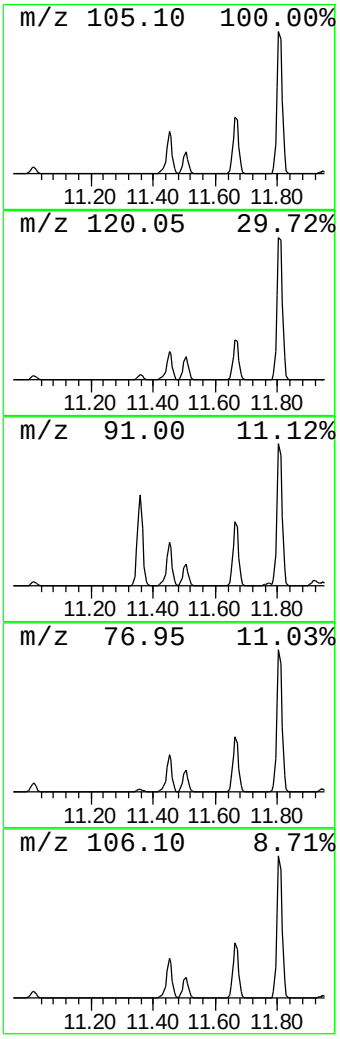
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	116.84 ug/l	2800690	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-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010970.D
Acq On : 18 Jul 2019 19:39
Operator : JC/SP
Sample : K3884-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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

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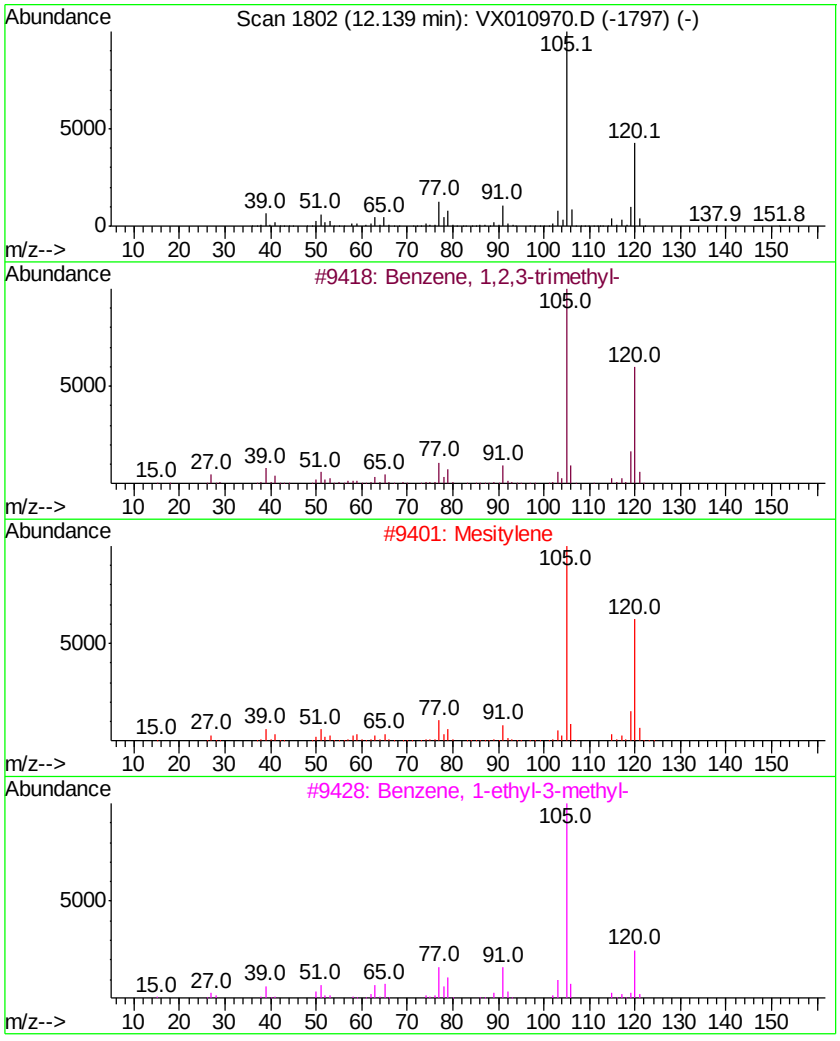
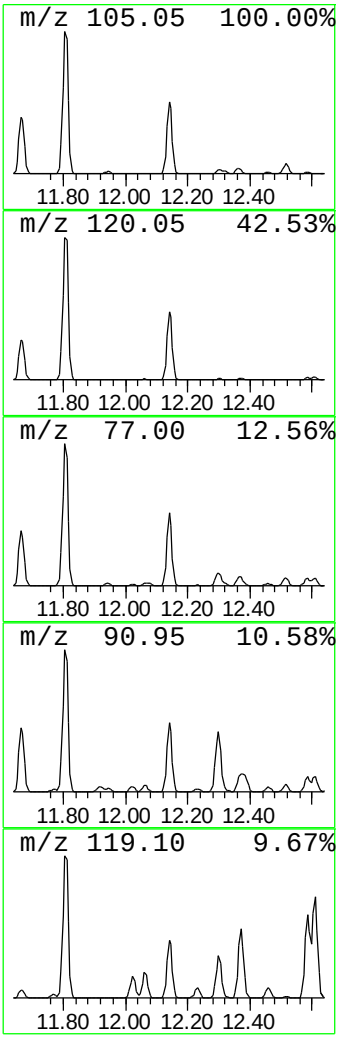
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	212.15 ug/l	5085380	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-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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\VX071819\
Data File : VX010970.D
Acq On : 18 Jul 2019 19:39
Operator : JC/SP
Sample : K3884-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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

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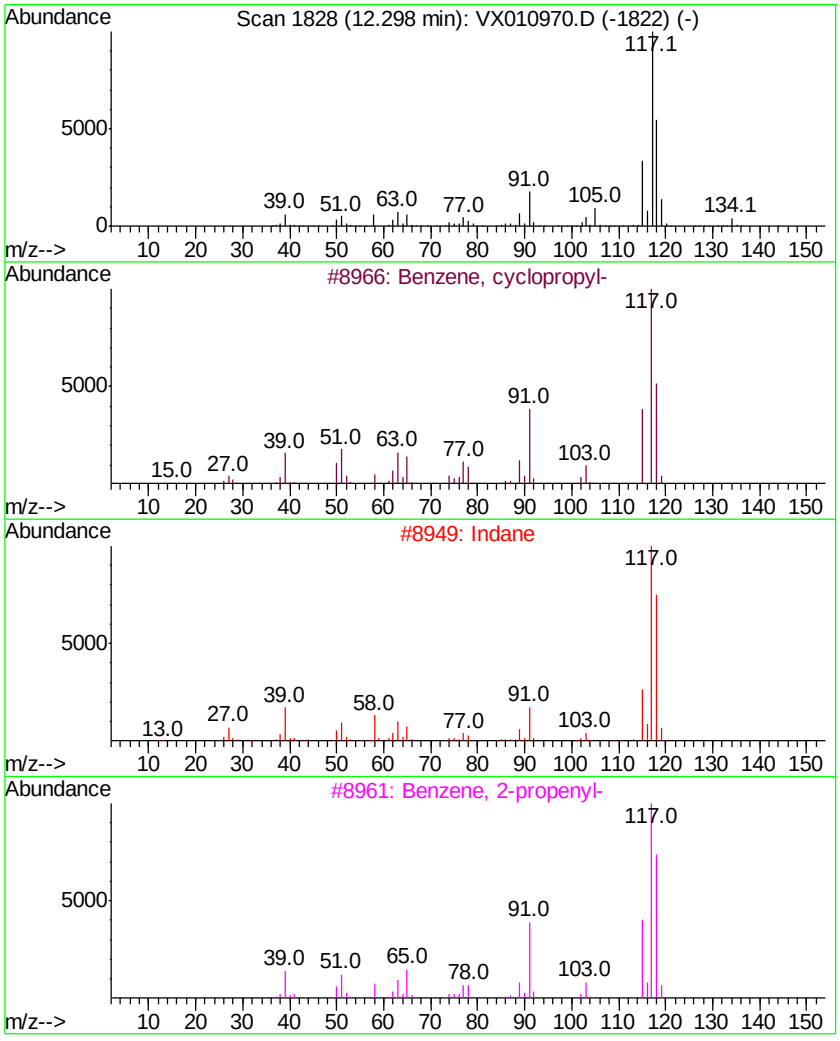
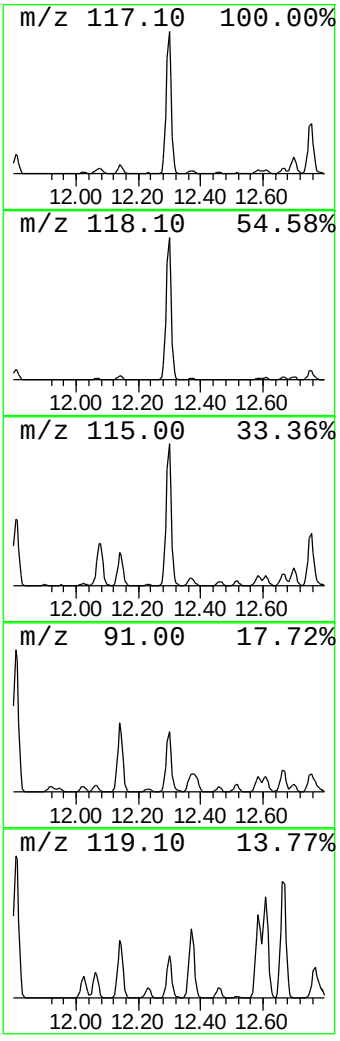
Peak Number 10 Benzene, cyclopropyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	135.51 ug/l	3248170	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	64
5	Deltacyclene	118	C9H10	007785-10-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010970.D
Acq On : 18 Jul 2019 19:39
Operator : JC/SP
Sample : K3884-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0630

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.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	2.00	196.3	ug/l	1664300	1	5.66	423836	50.0
Pentane, 2-methyl-	2.89	238.4	ug/l	2021090	1	5.66	423836	50.0
Pentane, 3-methyl-	3.18	360.5	ug/l	3055490	1	5.66	423836	50.0
n-Hexane	3.53	183.7	ug/l	1557220	1	5.66	423836	50.0
Cyclopentane, met...	4.41	822.5	ug/l	6971960	1	5.66	423836	50.0
Hexane, 3-methyl-	5.93	118.9	ug/l	1007820	1	5.66	423836	50.0
Benzene, 1-ethyl-...	11.45	116.8	ug/l	2800690	4	12.08	1198530	50.0
Benzene, 1,2,3-tr...	12.14	212.2	ug/l	5085380	4	12.08	1198530	50.0
Benzene, cyclopro...	12.30	135.5	ug/l	3248170	4	12.08	1198530	50.0