LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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	1.788	99	104	115	rVB	185055	274653	2.04%	0.439%
2	2.001	134	139	150	rVB	205360	292924	2.17%	0.468%
3	2.849	270	278	280	rBV	78339	156330	1.16%	0.250%
4	2.891	280	285	289	rVV	209027	456006	3.38%	0.728%
5	2.934	289	292	302	rVB	123927	231019	1.71%	0.369%
6	3.172	321	331	343	rBV	251543	583017	4.32%	0.931%
7	3.525	379	389	405	rBV	157859	355772	2.64%	0.568%
8	4.403	523	533	548	rVB	455222	1331956	9.88%	2.127%
9	5.501	700	713	718	rBV2	131045	377018	2.80%	0.602%
10	5.580	718	726	734	rVV	360164	1122561	8.33%	1.792%
11	5.659	734	739	747	rVB	182421	464074	3.44%	0.741%
12	5.940	771	785	796	rBV3	89847	316418	2.35%	0.505%
13	6.062	796	805	818	rVB	132514	343934	2.55%	0.549%
14	6.263	825	838	847	rBV4	75349	249709	1.85%	0.399%
15	6.360	847	854	862	rVV3	74677	205549	1.52%	0.328%
16	6.458	862	870	881	rVB	98655	271185	2.01%	0.433%
17	6.860	927	936	946	rBV	334945	794971	5.90%	1.269%
18	7.464	1023	1035	1045	rBV	769871	1751266	12.99%	2.796%
19	7.732	1072	1079	1090	rVB	70997	141172	1.05%	0.225%
20	8.665	1225	1232	1235	rBV2	127162	221603	1.64%	0.354%
21	8.714	1235	1240	1247	rVV	737826	1180290	8.76%	1.884%
22	8.781	1247	1251	1256	rVV	121172	186974	1.39%	0.299%
23	9.037	1288	1293	1301	rVB	143558	232083	1.72%	0.371%
24	9.622	1385	1389	1393	rVB	119635	160248	1.19%	0.256%
25	9.677	1393	1398	1402	rBV	104447	150048	1.11%	0.240%
26	10.110	1464	1469	1476	rBV	723301	962532	7.14%	1.537%
27	10.250	1486	1492	1498	rBV	3332902	4248120	31.51%	6.782%
28	10.360	1502	1510	1516	rBV	9962853	13480903	100.00%	21.523%
29	10.701	1560	1566	1576	rVB	4997976	6582144	48.83%	10.509%
30	11.018	1612	1618	1628	rVB	581805	746204	5.54%	1.191%
31	11.134	1631	1637	1642	rBV	664419	826416	6.13%	1.319%
32	11.359	1668	1674	1681	rBV	747410	919867	6.82%	1.469%
33	11.433	1681	1686	1693	rVV	2123205	3737237	27.72%	5.967%
34	11.506	1693	1698	1706	rVB	1304245	1571363	11.66%	2.509%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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	11.664	1718	1724	1734	rBV	1427009	1741163	12.92%	2.780%
36	11.804	1742	1747	1752	rVB	3496216	4147069	30.76%	6.621%
37	11.945	1767	1770	1775	rVB	128864	153112	1.14%	0.244%
38	12.024	1778	1783	1786	rBV	201096	239136	1.77%	0.382%
39	12.073	1786	1791	1797	rVB2	844181	1145290	8.50%	1.829%
40	12.140	1797	1802	1807	rBV	1800762	2101657	15.59%	3.355%
41	12.298	1821	1828	1831	rBV	780399	1080638	8.02%	1.725%
42	12.371	1835	1840	1849	rVB3	370539	582741	4.32%	0.930%
43	12.518	1859	1864	1869	rVB	163301	201188	1.49%	0.321%
44	12.585	1870	1875	1877	rBV	210735	287759	2.13%	0.459%
45	12.609	1877	1879	1883	rVV	239406	240617	1.78%	0.384%
46	12.664	1883	1888	1891	rVV	406838	475109	3.52%	0.759%
47	12.756	1898	1903	1910	rBV3	280961	479658	3.56%	0.766%
48	12.902	1922	1927	1932	rVB2	176768	244696	1.82%	0.391%
49	12.975	1932	1939	1942	rVV	303032	379410	2.81%	0.606%
50	13.018	1942	1946	1952	rVB	331888	393980	2.92%	0.629%
51	13.225	1976	1980	1983	rVB	138562	166211	1.23%	0.265%
52	13.341	1995	1999	2005	rVB2	716352	973554	7.22%	1.554%
53	13.475	2016	2021	2027	rVB	299761	378146	2.81%	0.604%
54	13.829	2072	2079	2088	rVB	773194	1063504	7.89%	1.698%
55	14.286	2145	2154	2161	rVB2	75876	150519	1.12%	0.240%
56	14.694	2213	2221	2225	rBV	493074	609204	4.52%	0.973%
57	14.834	2239	2244	2249	rBV	375701	474230	3.52%	0.757%

Sum of corrected areas: 62634157

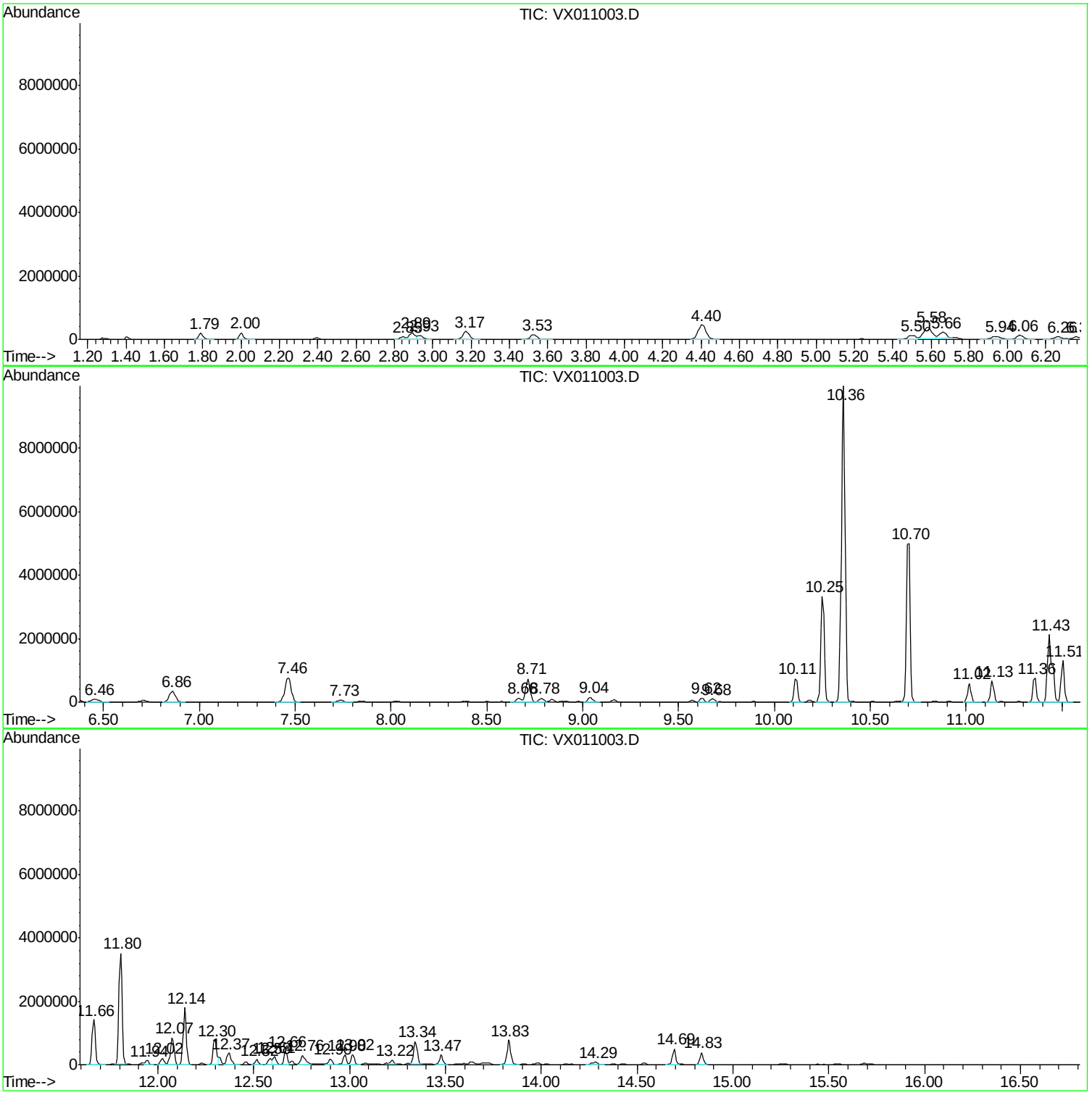
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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

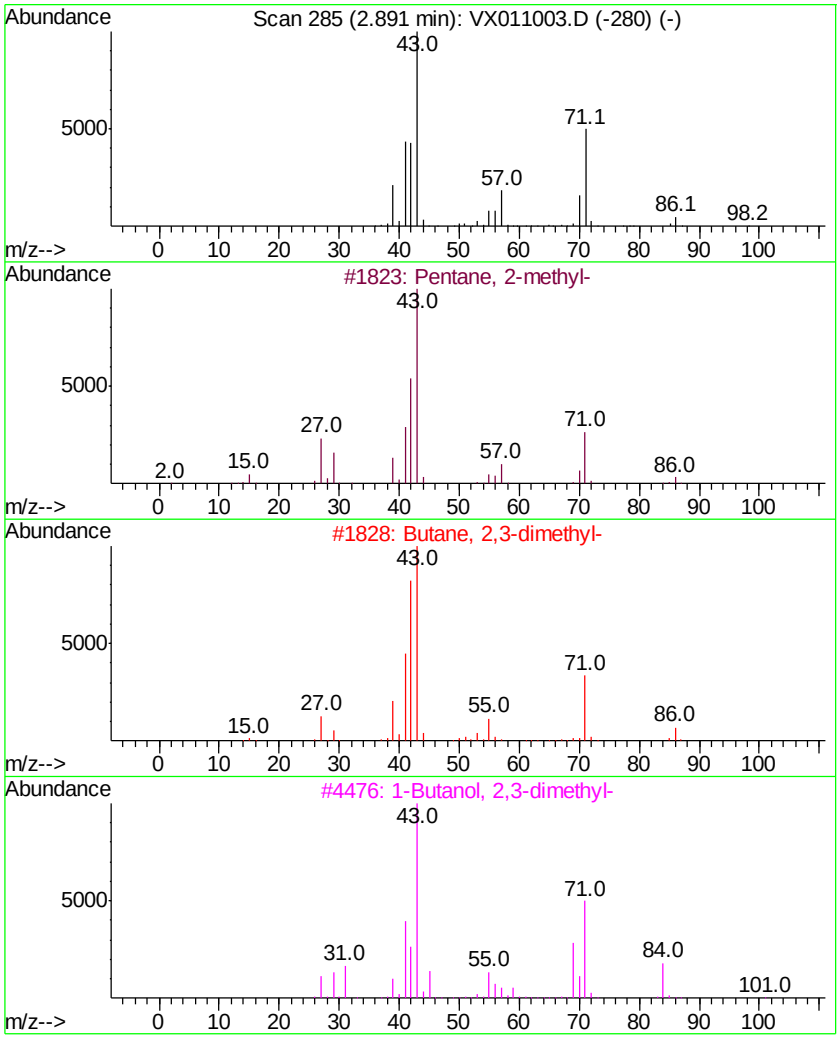
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

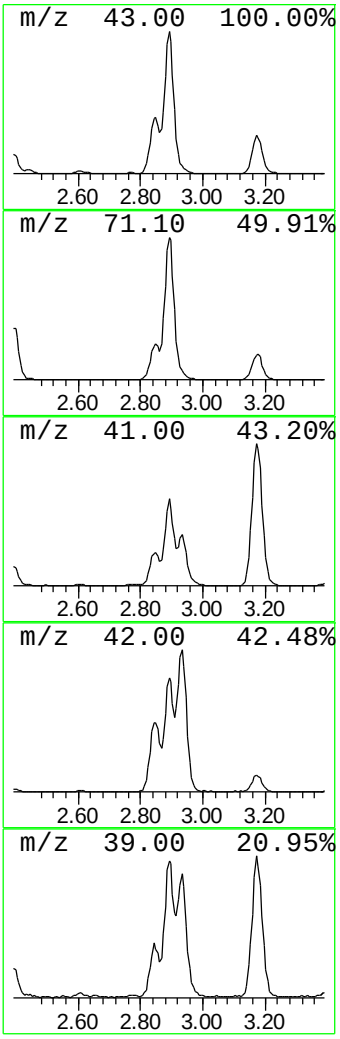
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	49.13 ug/l	456006	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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

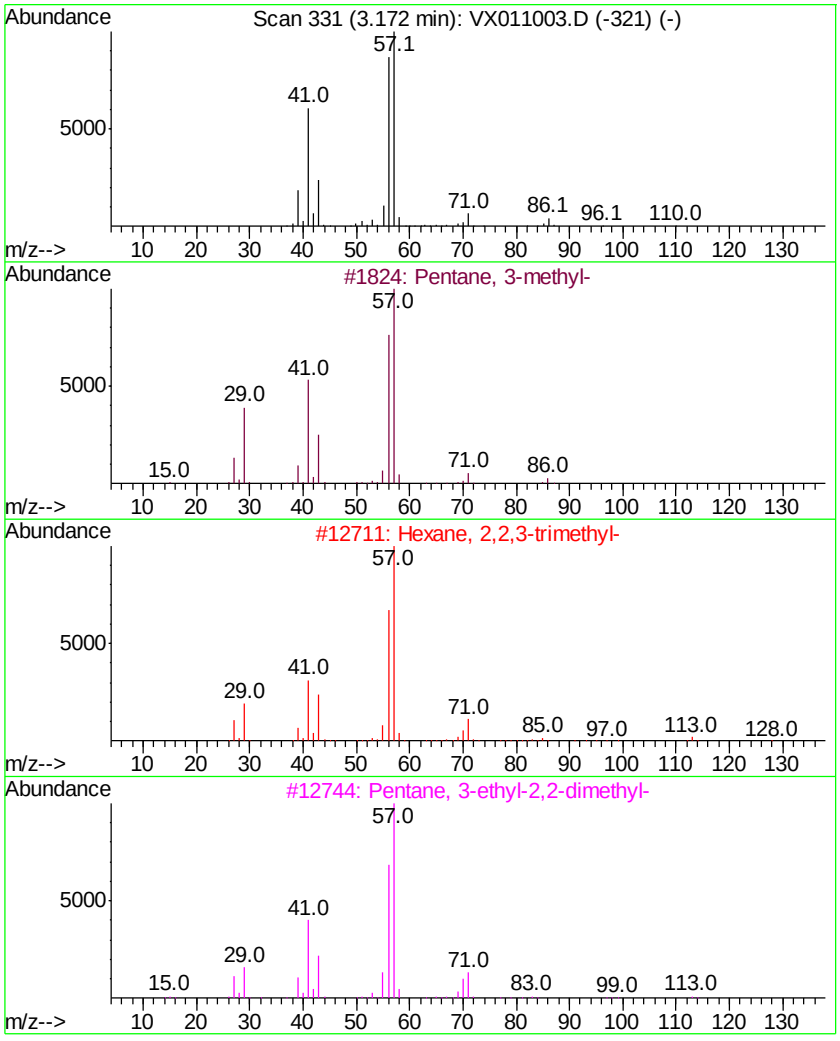
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

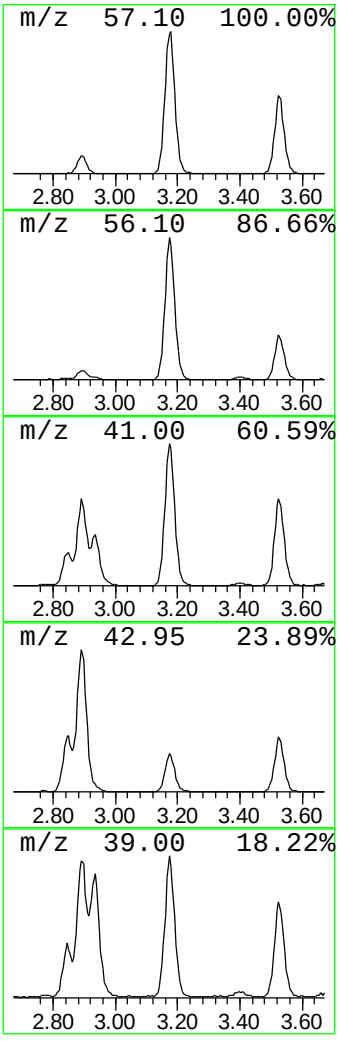
****

Peak Number 2 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	62.82 ug/l	583017	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	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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

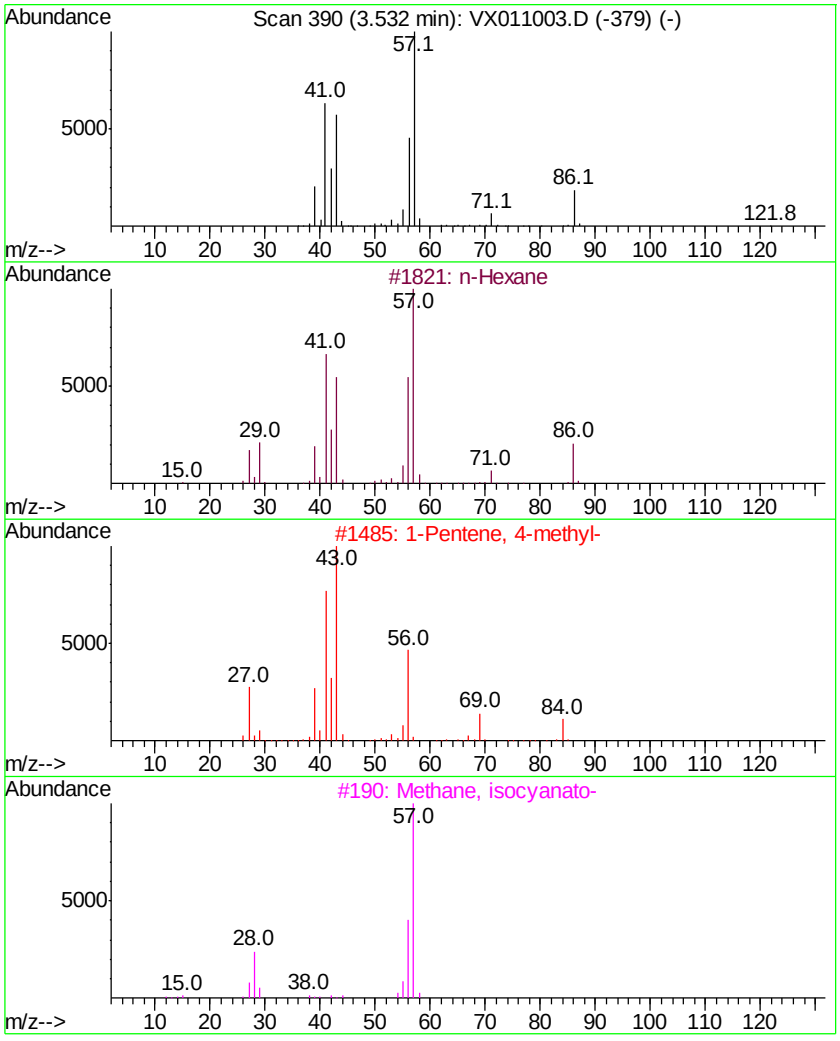
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

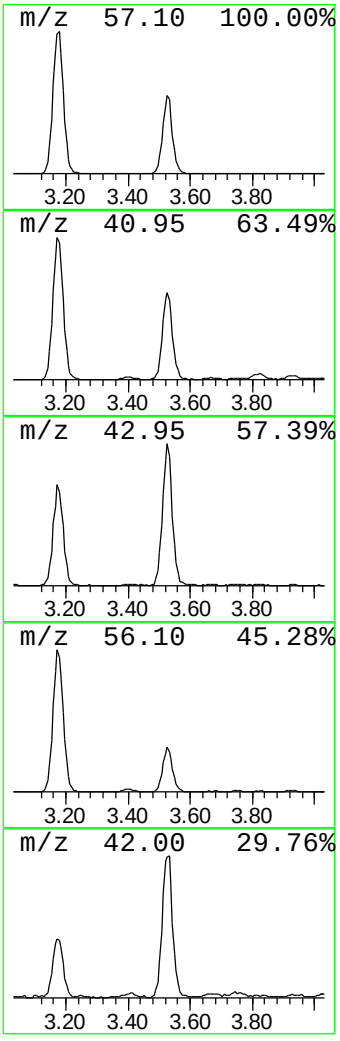
****

Peak Number 3 n-Hexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	38.33 ug/l	355772	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
3	Methane, isocyanato-	57	C2H3NO	000624-83-9	37
4	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	36
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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

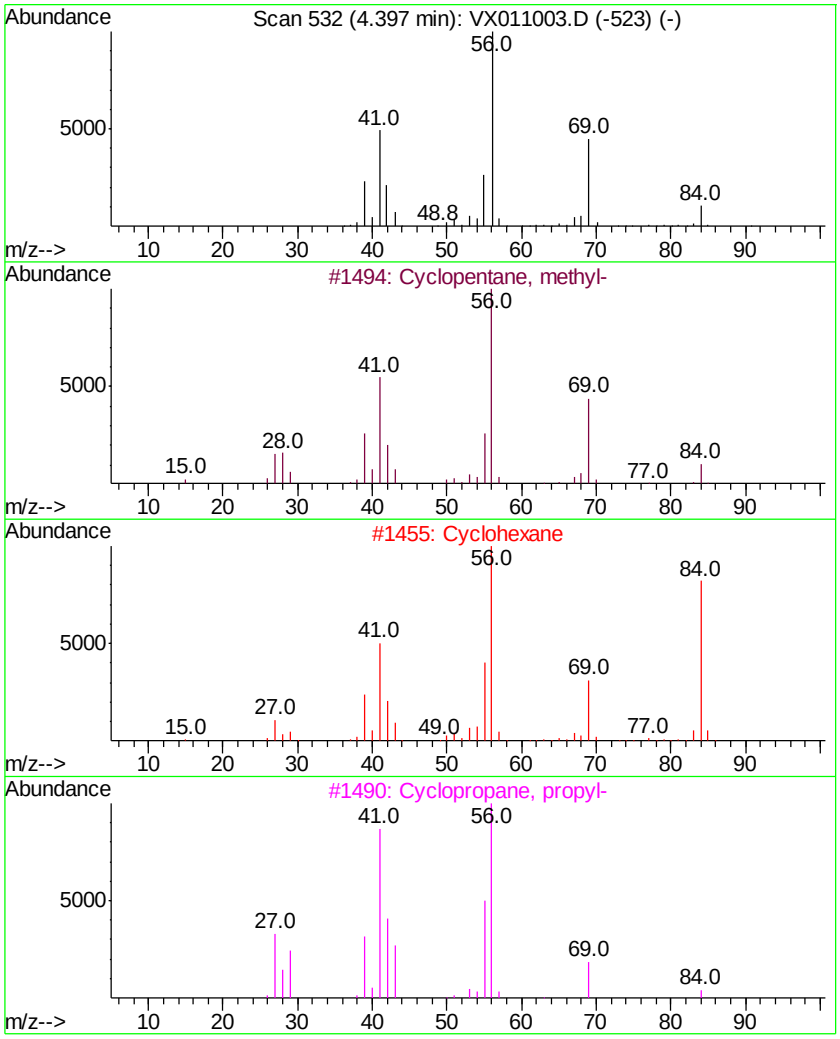
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

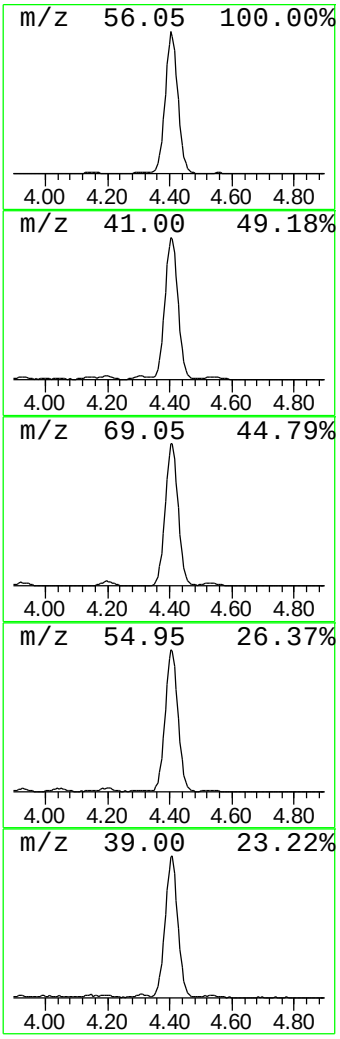
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	143.51 ug/l	1331960	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	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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

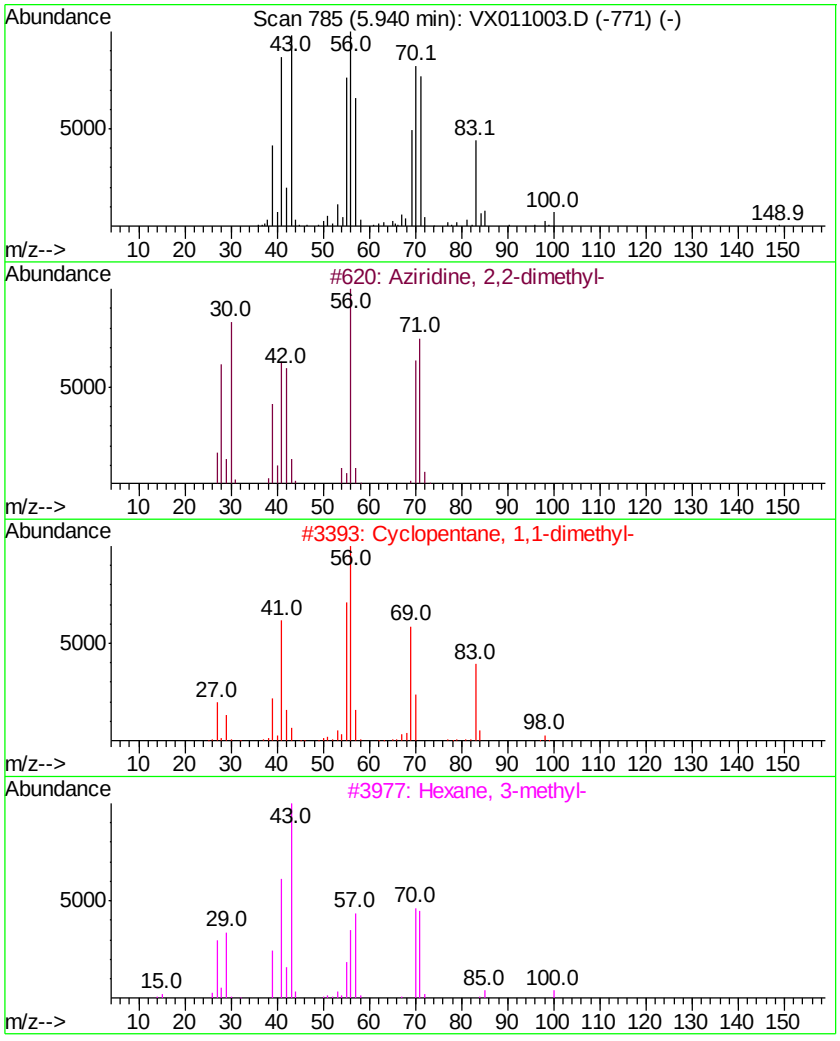
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

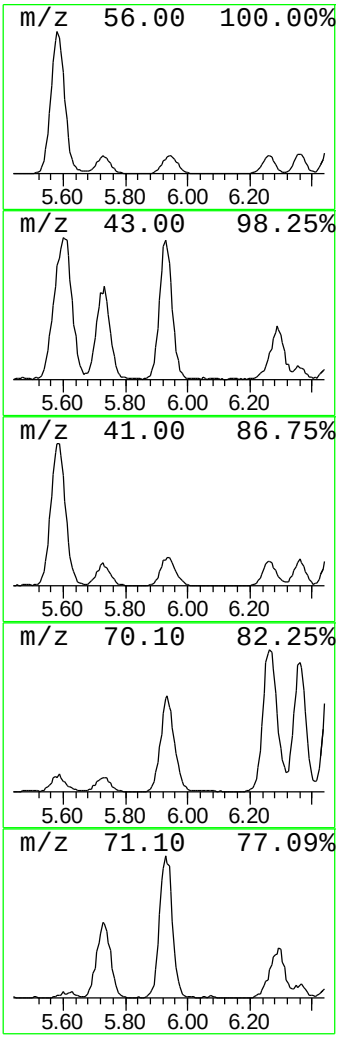
****

Peak Number 5 Aziridine, 2,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	34.09 ug/l	316418	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	59
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	49
4	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	47
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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

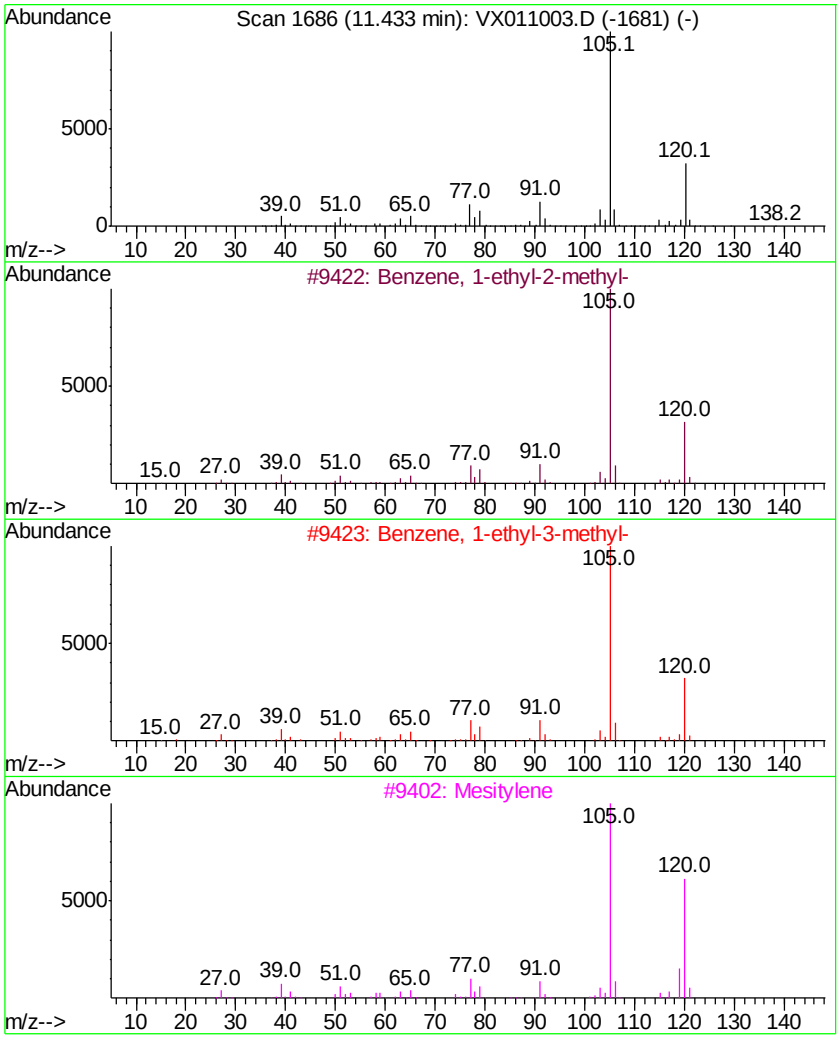
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

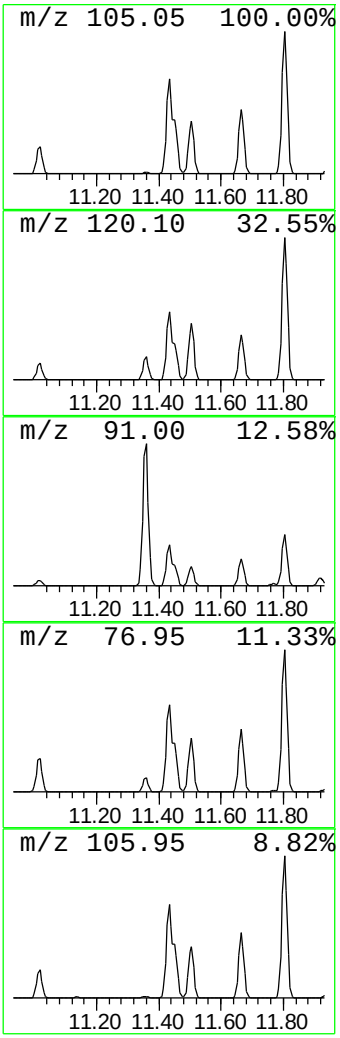
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	163.16 ug/l	3737240	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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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

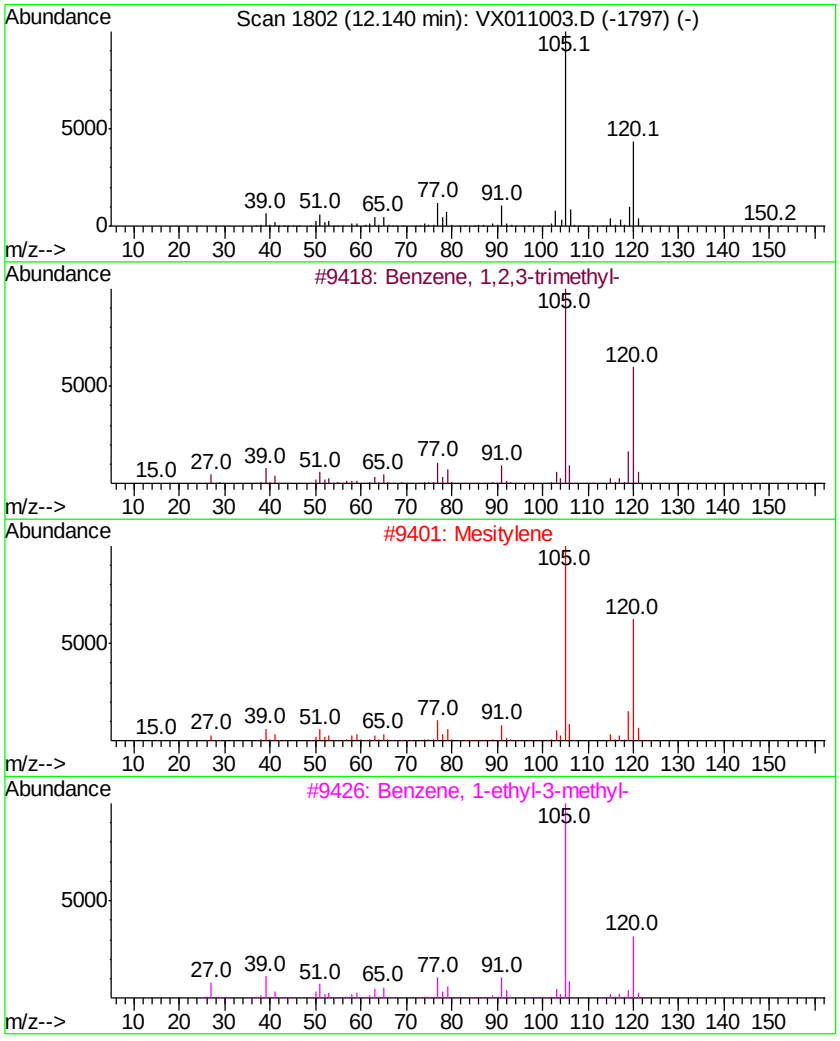
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

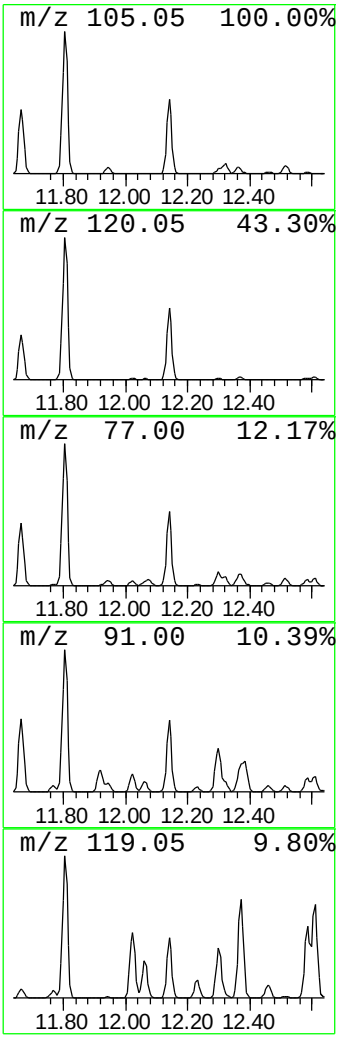
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	91.75 ug/l	2101660	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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

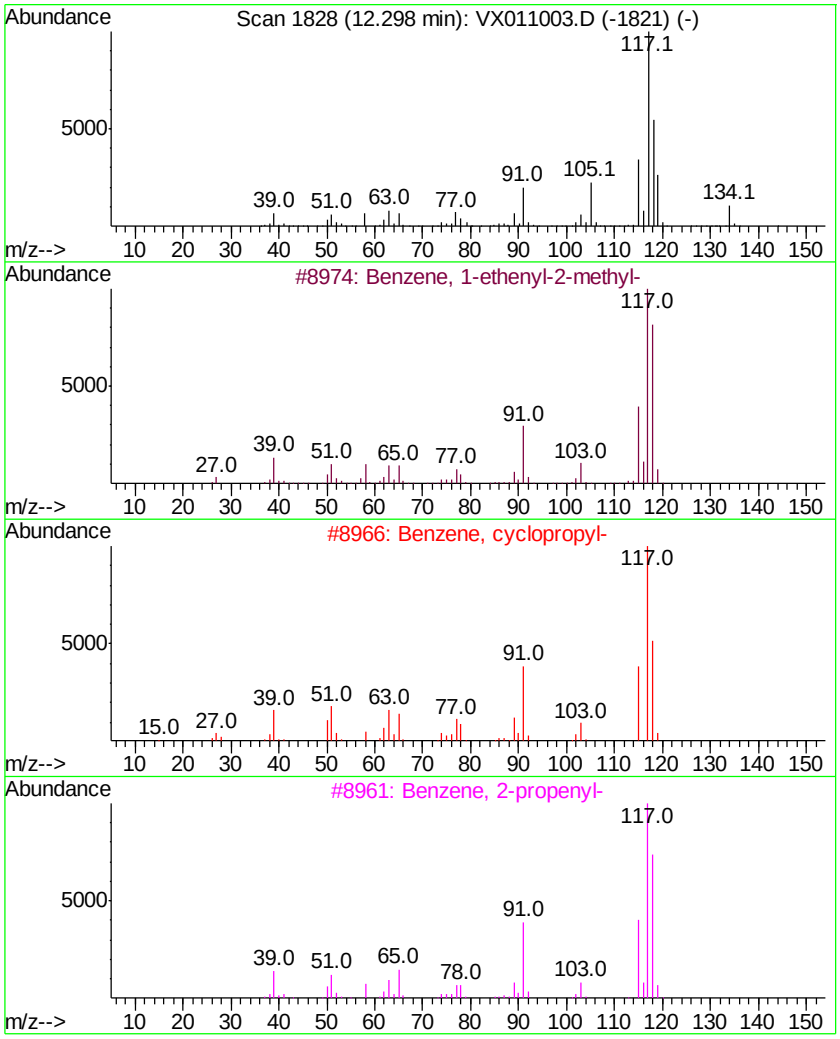
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

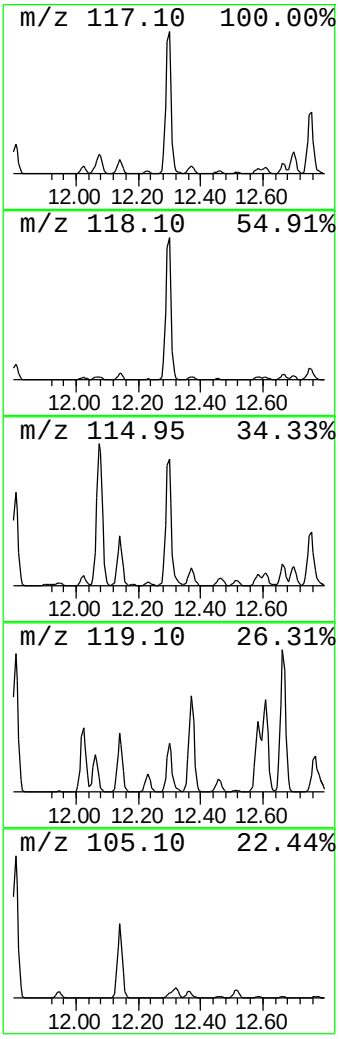
****

Peak Number 9 Benzene, 1-ethenyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	47.18 ug/l	1080640	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Indane	118	C9H10	000496-11-7	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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

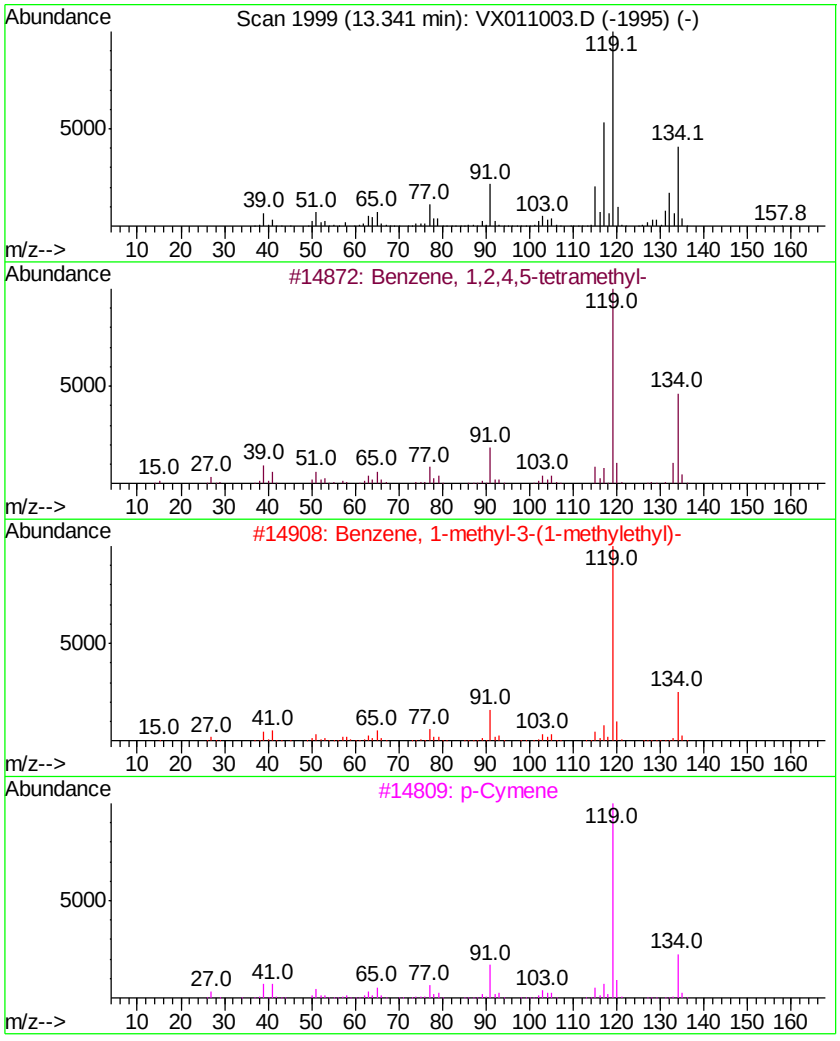
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

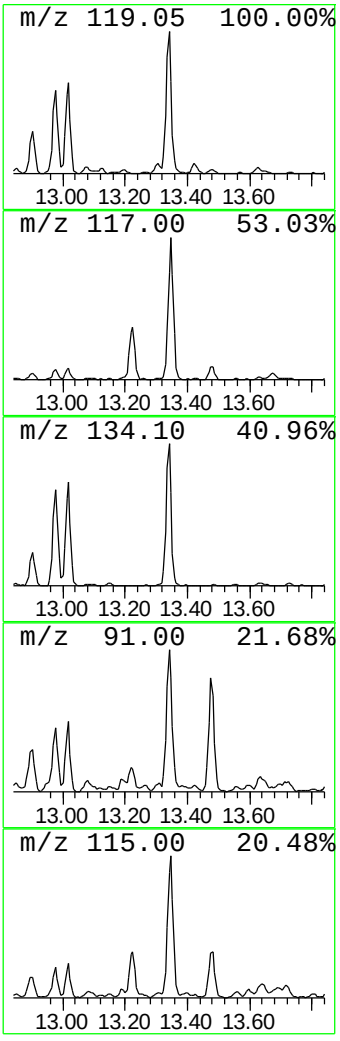
****

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	42.50 ug/l	973554	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	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	p-Cymene	134	C10H14	000099-87-6	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011003.D
Acq On : 19 Jul 2019 15:28
Operator : JC/SP
Sample : K3884-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0618

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-methyl-	2.89	49.1	ug/l	456006	1	5.67	464074	50.0
Pentane, 3-methyl-	3.17	62.8	ug/l	583017	1	5.67	464074	50.0
n-Hexane	3.53	38.3	ug/l	355772	1	5.67	464074	50.0
Cyclopentane, met...	4.40	143.5	ug/l	1331960	1	5.67	464074	50.0
Aziridine, 2,2-di...	5.94	34.1	ug/l	316418	1	5.67	464074	50.0
Benzene, 1-ethyl-...	11.43	163.2	ug/l	3737240	4	12.08	1145290	50.0
Benzene, 1,2,3-tr...	12.14	91.8	ug/l	2101660	4	12.08	1145290	50.0
Benzene, 1-etheny...	12.30	47.2	ug/l	1080640	4	12.08	1145290	50.0
Benzene, 1,2,4,5-...	13.34	42.5	ug/l	973554	4	12.08	1145290	50.0