LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
Data File : VY002330.D
Acq On : 15 Apr 2020 12:44
Operator : SY/MD
Sample : L2245-02
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-13

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_Y\METHODS\82Y040820S.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	1.871	18	22	30	rVB2	19655	28707	3.37%	0.605%
2	3.968	355	366	378	rBV	40038	112241	13.19%	2.367%
3	4.212	396	406	418	rBV2	6090	17216	2.02%	0.363%
4	4.737	482	492	512	rVB4	15250	51267	6.03%	1.081%
5	5.249	564	576	587	rBV3	8142	30551	3.59%	0.644%
6	6.712	808	816	824	rBV5	2939	9060	1.07%	0.191%
7	7.011	856	865	876	rBV	18328	51501	6.05%	1.086%
8	7.736	975	984	990	rBV	112523	263520	30.98%	5.557%
9	7.809	990	996	1004	rVV	180355	409842	48.18%	8.642%
10	7.895	1004	1010	1019	rVB2	7247	18738	2.20%	0.395%
11	8.163	1045	1054	1064	rBV	104948	230193	27.06%	4.854%
12	8.340	1073	1083	1093	rVB	77285	188676	22.18%	3.979%
13	8.705	1132	1143	1154	rBV	318521	613232	72.09%	12.931%
14	9.163	1210	1218	1222	rBV7	6994	16216	1.91%	0.342%
15	9.193	1222	1223	1229	rVV4	6930	10816	1.27%	0.228%
16	9.260	1229	1234	1239	rVV3	6447	12958	1.52%	0.273%
17	9.333	1239	1246	1255	rVV	10202	20994	2.47%	0.443%
18	9.474	1259	1269	1276	rVV6	3768	9862	1.16%	0.208%
19	9.626	1287	1294	1302	rVB	50515	96786	11.38%	2.041%
20	9.760	1307	1316	1323	rBV	93727	188562	22.17%	3.976%
21	9.943	1338	1346	1352	rBV4	5377	11189	1.32%	0.236%
22	10.120	1370	1375	1380	rBV	10870	18137	2.13%	0.382%
23	10.187	1380	1386	1395	rVB	488196	850692	100.00%	17.938%
24	11.095	1529	1535	1541	rVB2	5900	10944	1.29%	0.231%
25	11.498	1593	1601	1610	rBV	406764	653007	76.76%	13.770%
26	12.485	1756	1763	1771	rBV	250886	387793	45.59%	8.177%
27	12.814	1811	1817	1823	rVB5	6047	10338	1.22%	0.218%
28	13.430	1911	1918	1926	rVB	270502	419285	49.29%	8.841%

Sum of corrected areas: 4742323

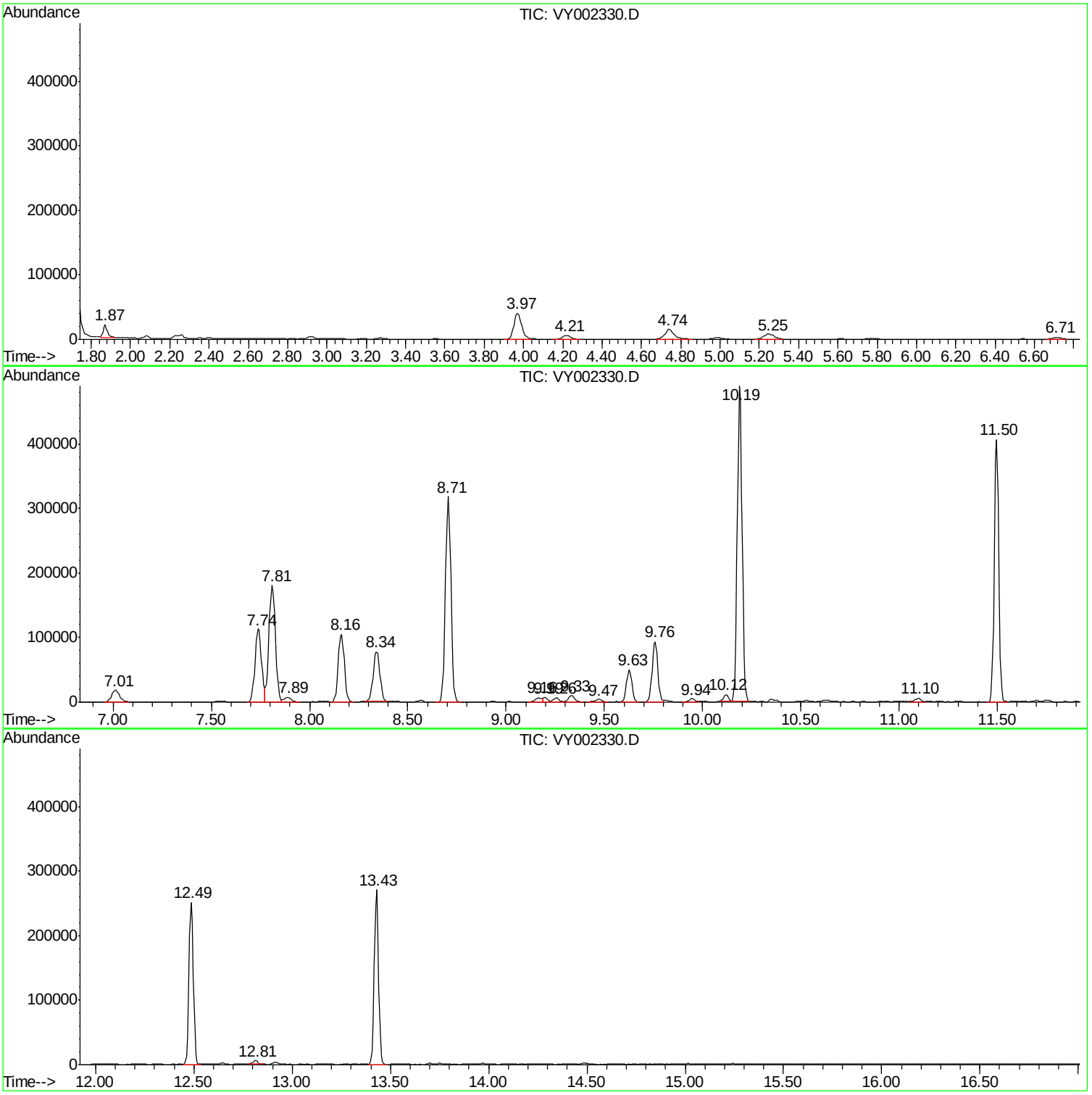
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002330.D
Acq On : 15 Apr 2020 12:44
Operator : SY/MD
Sample : L2245-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.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_Y\DATA\VY041520\
Data File : VY002330.D
Acq On : 15 Apr 2020 12:44
Operator : SY/MD
Sample : L2245-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

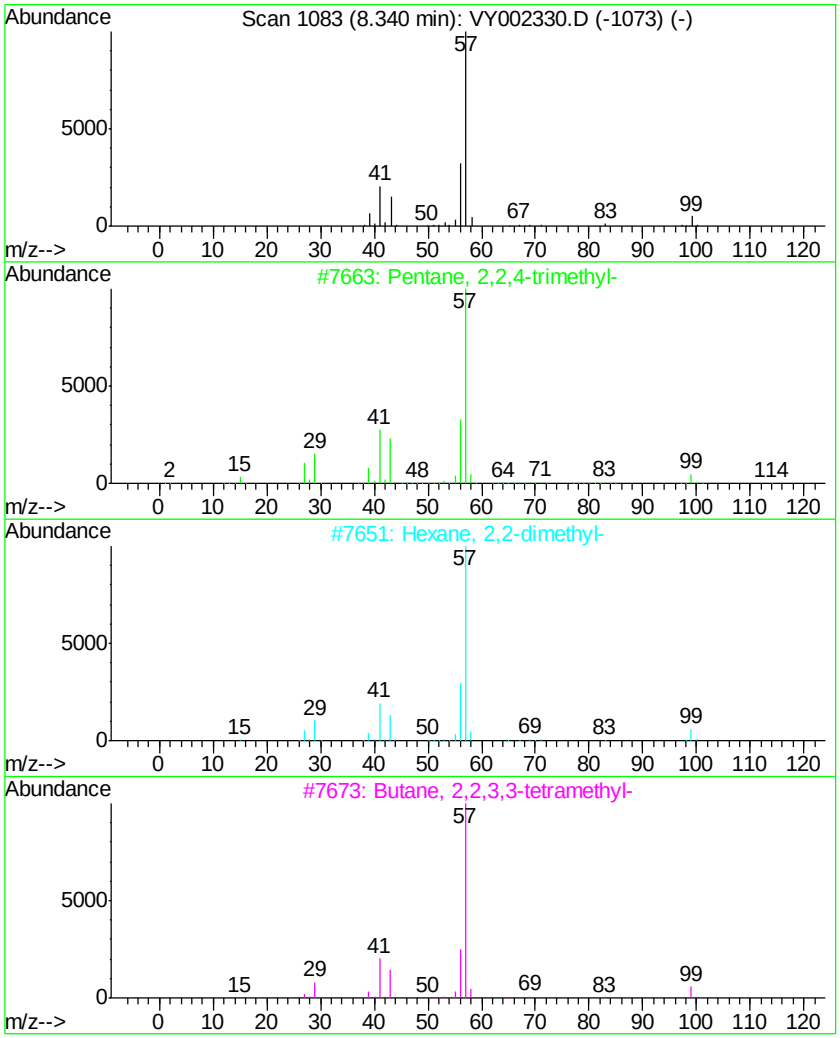
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

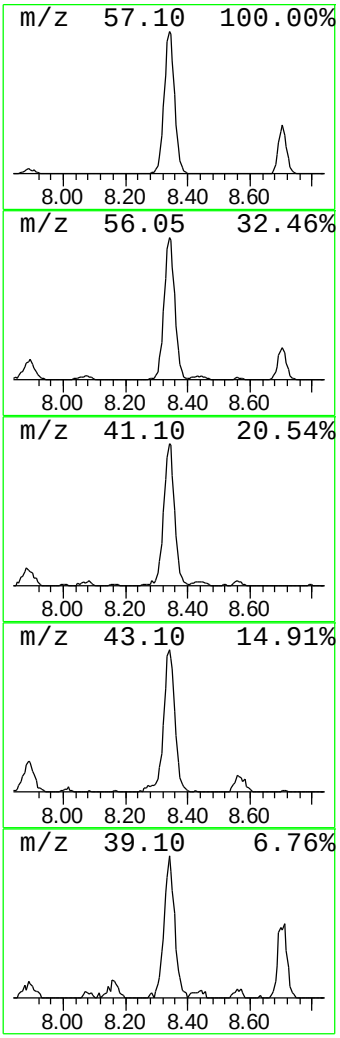
****

Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	15.38 ug/l	188676	1,4-Difluorobenzene	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	64
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002330.D
Acq On : 15 Apr 2020 12:44
Operator : SY/MD
Sample : L2245-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

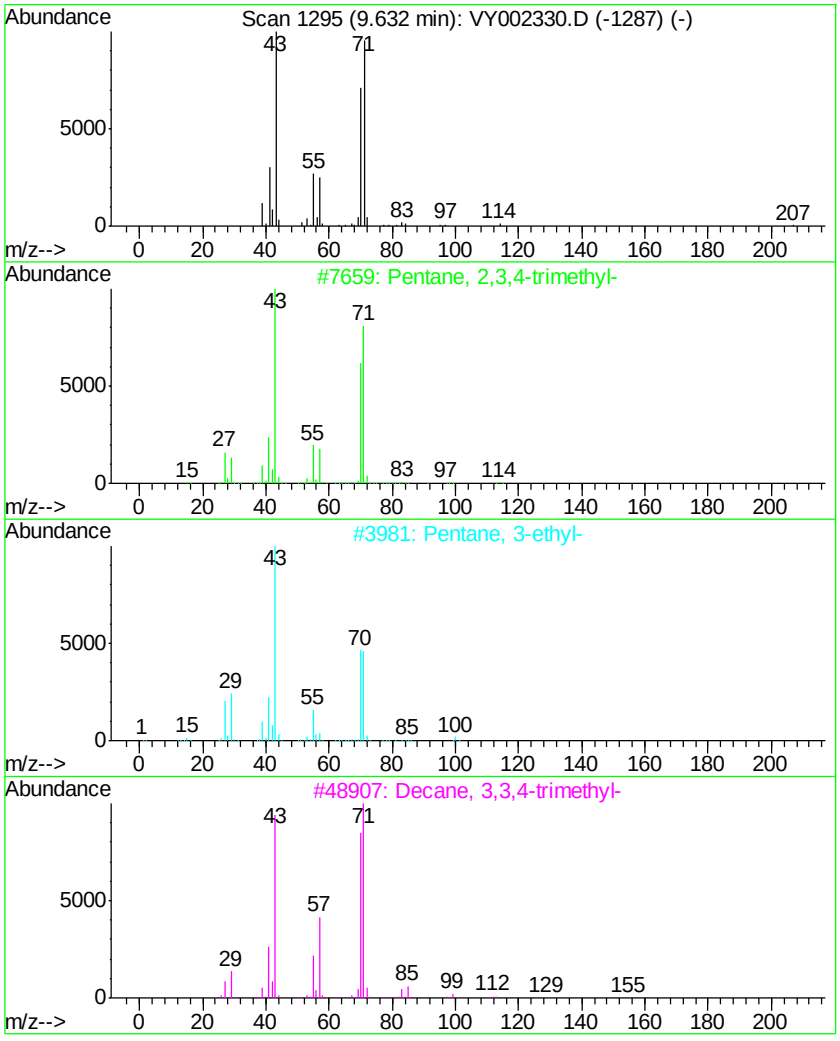
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

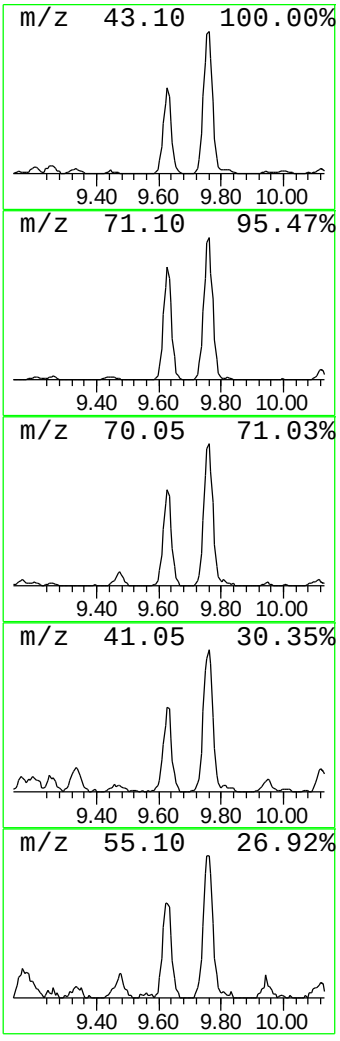
****

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	7.89 ug/l	96786	1,4-Difluorobenzene	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002330.D
Acq On : 15 Apr 2020 12:44
Operator : SY/MD
Sample : L2245-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

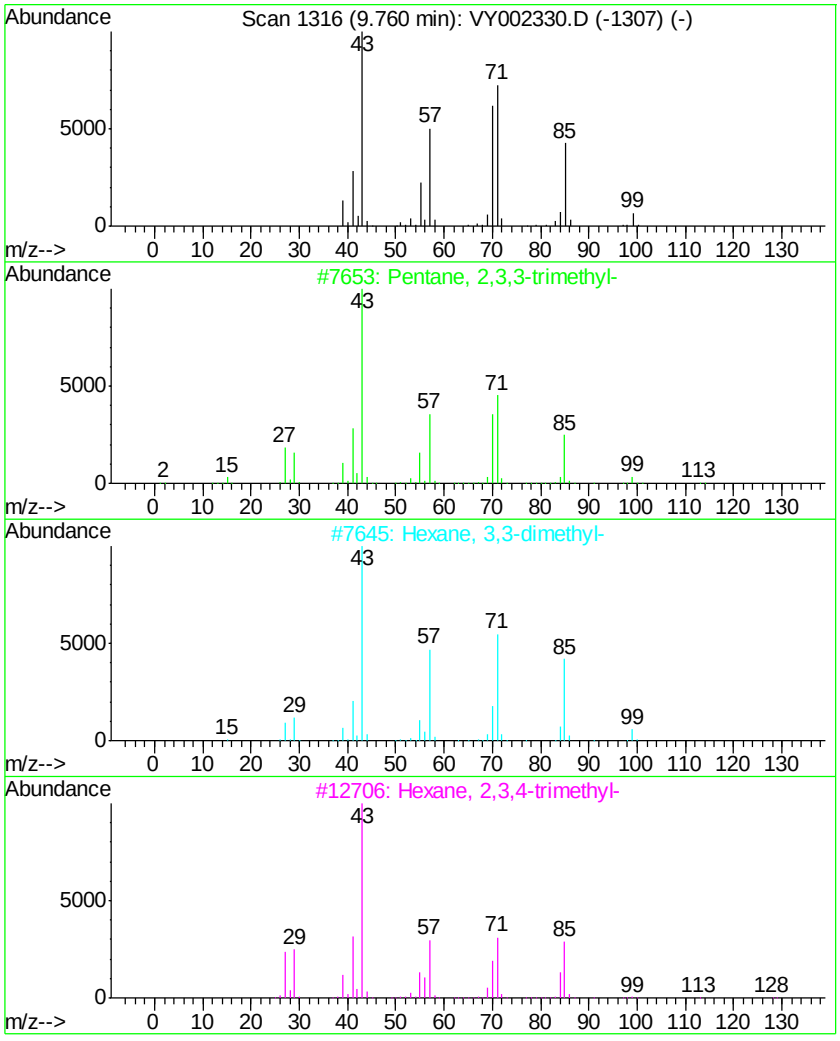
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

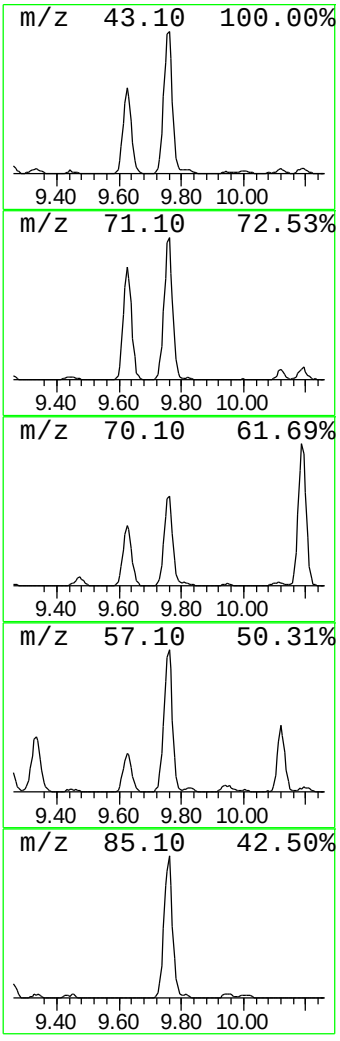
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	15.37 ug/l	188562	1,4-Difluorobenzene	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002330.D
Acq On : 15 Apr 2020 12:44
Operator : SY/MD
Sample : L2245-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.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, 2,2,4-tr...	8.34	15.4	ug/l	188676	2	8.71	613232	50.0
Pentane, 2,3,4-tr...	9.63	7.9	ug/l	96786	2	8.71	613232	50.0
Pentane, 2,3,3-tr...	9.76	15.4	ug/l	188562	2	8.71	613232	50.0