LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061104.D
Acq On : 20 Dec 2018 13:21
Operator : VA/AP
Sample : J6377-02
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD012-0612-02

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_F\METHODS\82F121918S.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	1.998	133	139	142	rBV	340923	890264	1.10%	0.484%
2	2.176	152	157	160	rBV	388329	912084	1.13%	0.496%
3	2.383	172	178	192	rVB	1399886	3547654	4.39%	1.930%
4	2.935	227	234	264	rVB	1128729	4378520	5.42%	2.381%
5	4.632	400	406	422	rVB	474098	1763272	2.18%	0.959%
6	5.461	482	490	500	rBV	277437	1060701	1.31%	0.577%
7	7.660	704	713	722	rVB	8906670	28727485	35.53%	15.624%
8	9.811	923	931	936	rBV	2760005	7506472	9.28%	4.083%
9	9.919	936	942	956	rVB	4797061	13676539	16.92%	7.438%
10	10.225	958	973	977	rBV	15902362	80850255	100.00%	43.973%
11	10.738	1016	1025	1030	rBV	8591857	20975235	25.94%	11.408%
12	11.567	1105	1109	1111	rBV	687201	1446988	1.79%	0.787%
13	11.715	1120	1124	1129	rVB	1482911	2680089	3.31%	1.458%
14	11.823	1132	1135	1140	rVB	829686	1346990	1.67%	0.733%
15	12.020	1150	1155	1159	rBV2	427690	826716	1.02%	0.450%
16	12.208	1171	1174	1178	rVV	2581456	3971688	4.91%	2.160%
17	12.464	1198	1200	1205	rVB2	881309	1573910	1.95%	0.856%
18	12.573	1205	1211	1213	rBV	3058731	5209179	6.44%	2.833%
19	12.612	1213	1215	1219	rVB	1017239	1419204	1.76%	0.772%
20	14.457	1397	1402	1405	rBV	750428	1099863	1.36%	0.598%

Sum of corrected areas: 183863108

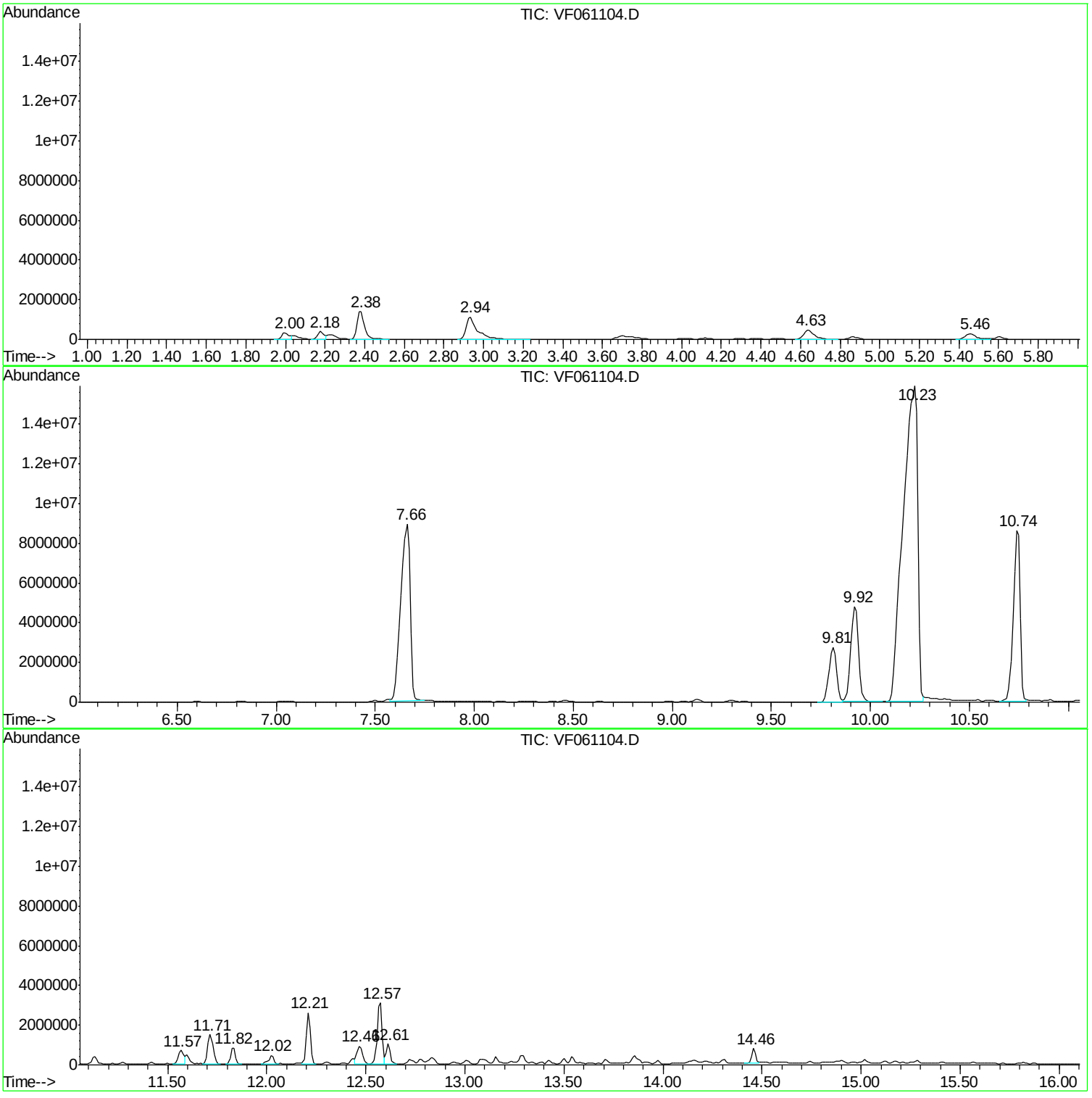
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061104.D
Acq On : 20 Dec 2018 13:21
Operator : VA/AP
Sample : J6377-02
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SD012-0612-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.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 F\DATA\VF122018\
Data File : VF061104.D
Acq On : 20 Dec 2018 13:21
Operator : VA/AP
Sample : J6377-02
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD012-0612-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

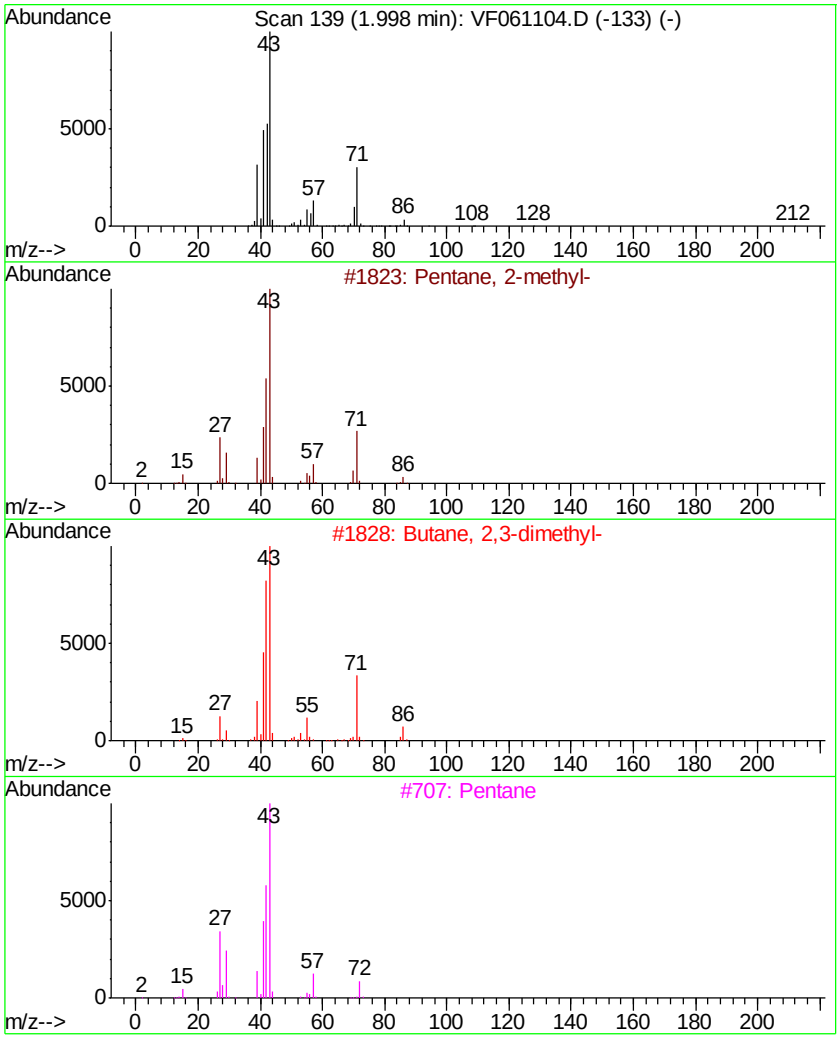
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

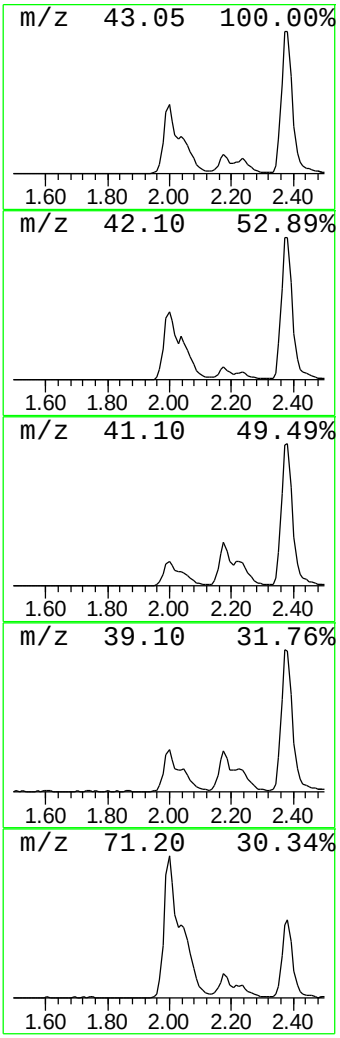
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	25.24 ug/l	890264	Pentafluorobenzene	4.87

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	49
3	Pentane	72	C5H12	000109-66-0	33
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	33
5	Butane, 2-methyl-	72	C5H12	000078-78-4	23





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061104.D
Acq On : 20 Dec 2018 13:21
Operator : VA/AP
Sample : J6377-02
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD012-0612-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

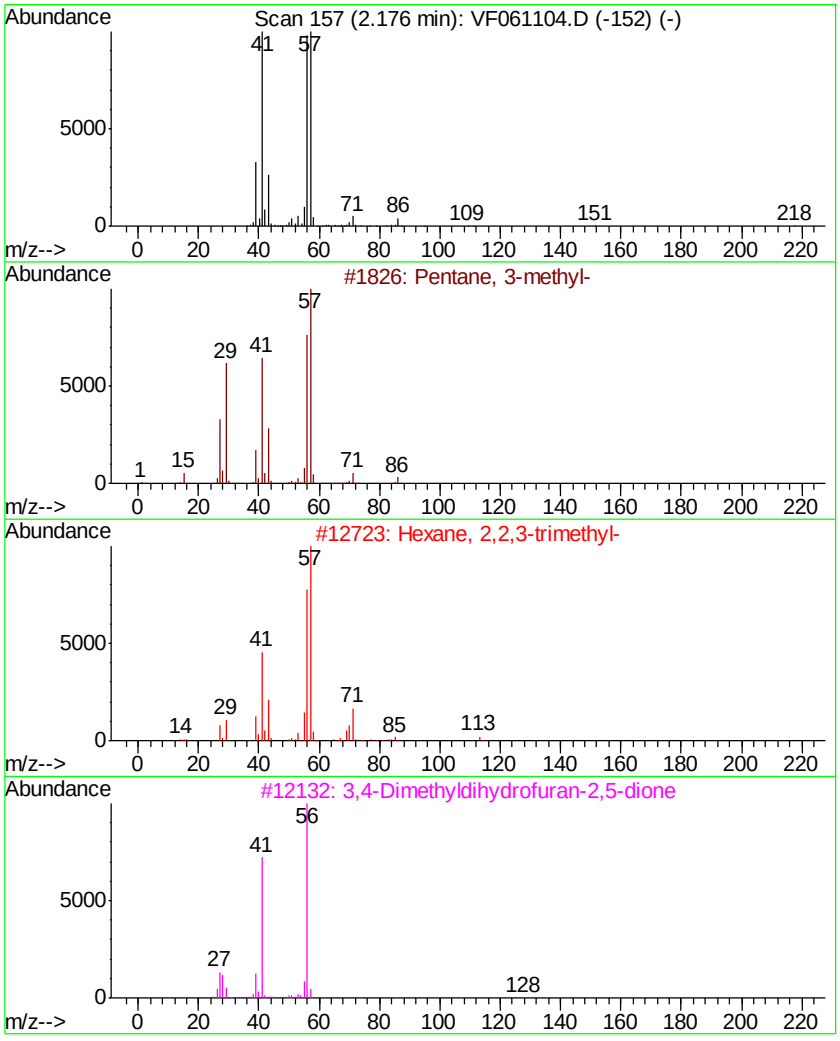
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

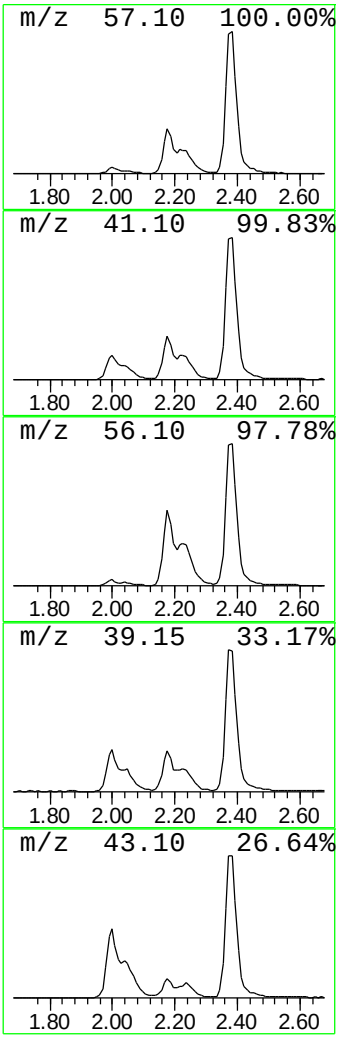
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	25.86 ug/l	912084	Pentafluorobenzene	4.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	59
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	39
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061104.D
Acq On : 20 Dec 2018 13:21
Operator : VA/AP
Sample : J6377-02
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD012-0612-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

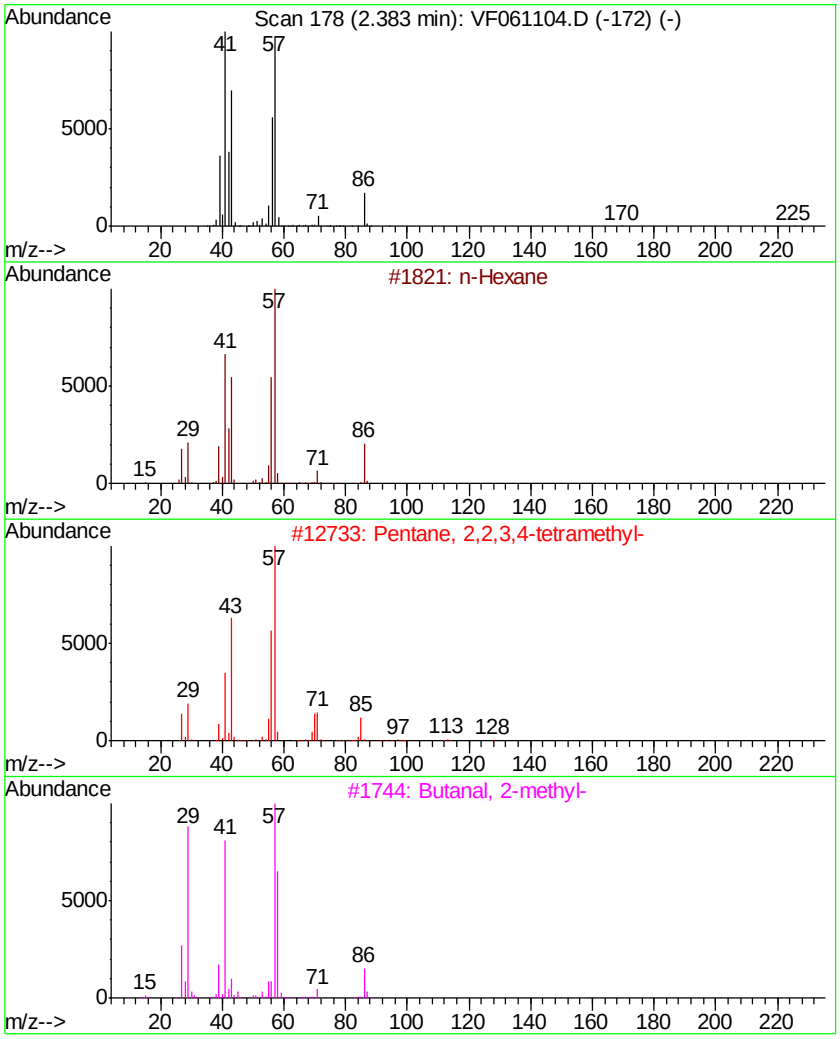
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

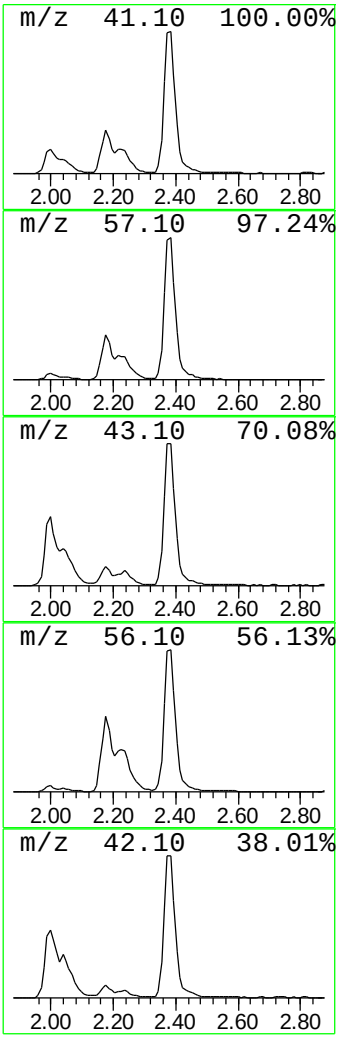
****

Peak Number 3 n-Hexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	100.60 ug/l	3547650	Pentafluorobenzene	4.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
3	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
5	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061104.D
Acq On : 20 Dec 2018 13:21
Operator : VA/AP
Sample : J6377-02
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD012-0612-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

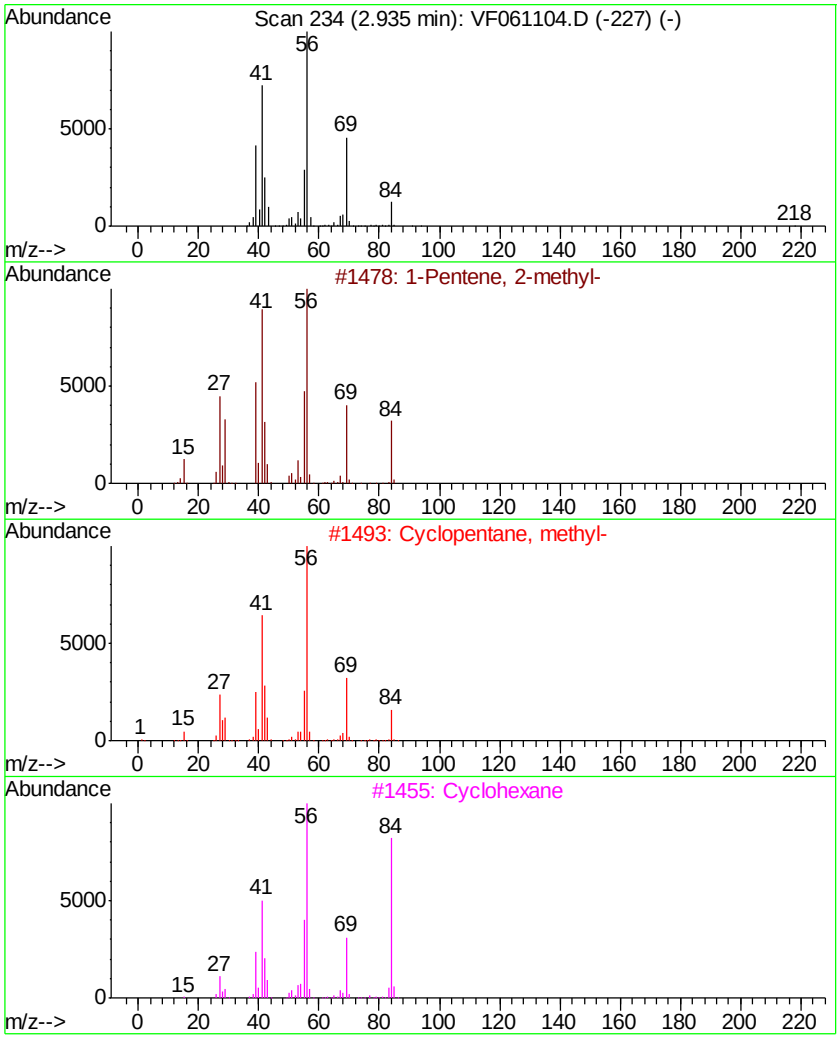
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

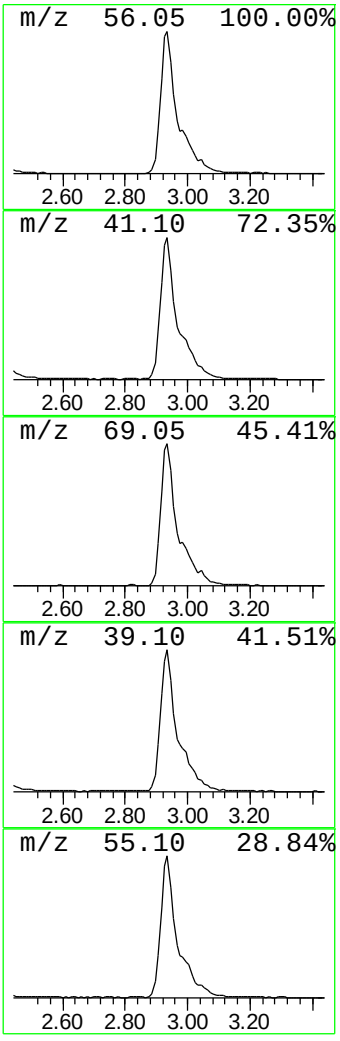
****

Peak Number 4 1-Pentene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	124.16 ug/l	4378520	Pentafluorobenzene	4.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	76
3	Cyclohexane	84	C6H12	000110-82-7	50
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061104.D
Acq On : 20 Dec 2018 13:21
Operator : VA/AP
Sample : J6377-02
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD012-0612-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

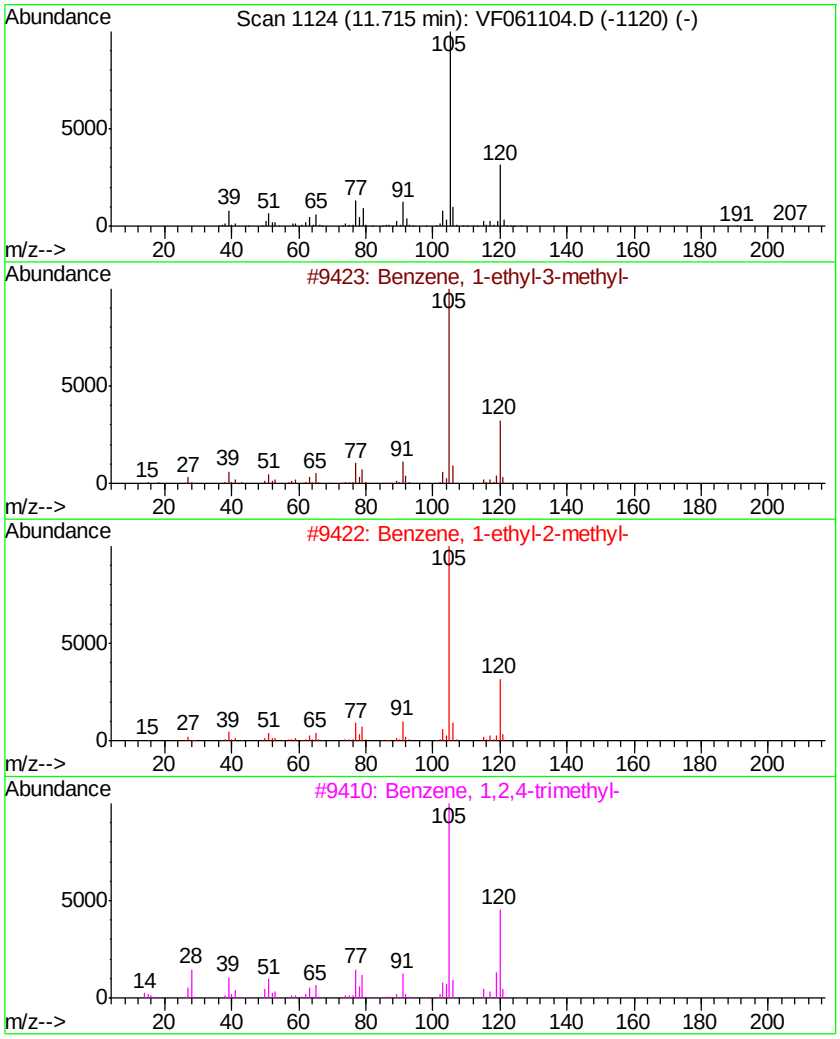
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

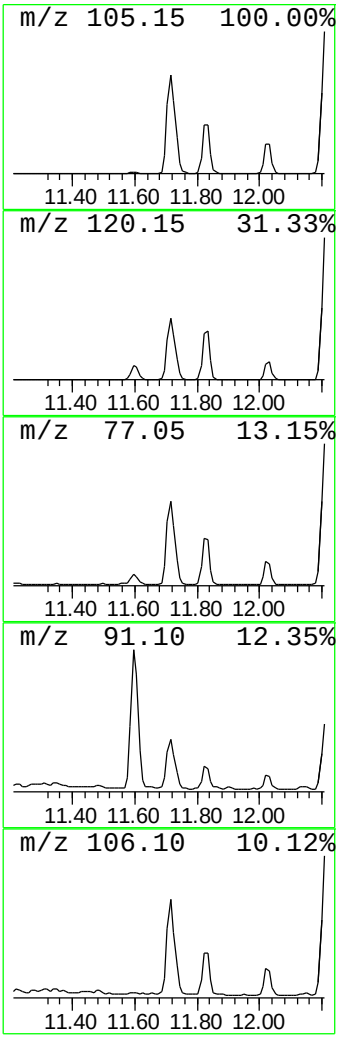
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	25.72 ug/l	2680090	1,4-Dichlorobenzene-d4	12.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061104.D
Acq On : 20 Dec 2018 13:21
Operator : VA/AP
Sample : J6377-02
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD012-0612-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

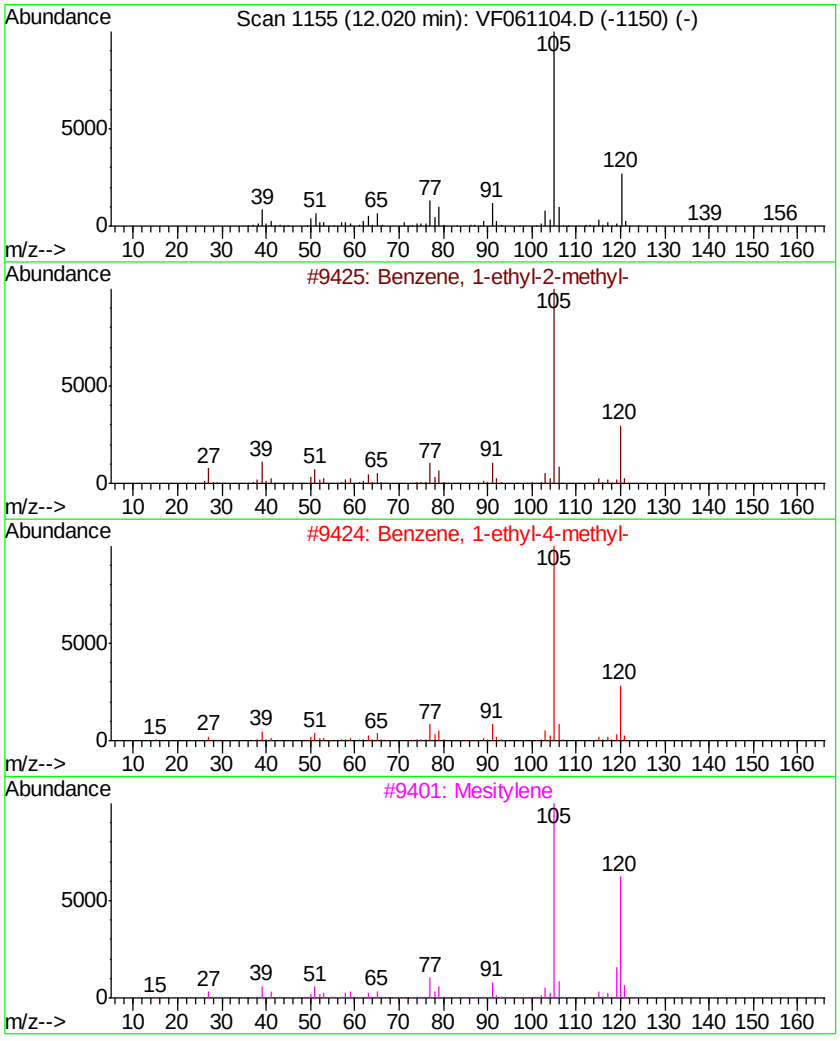
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

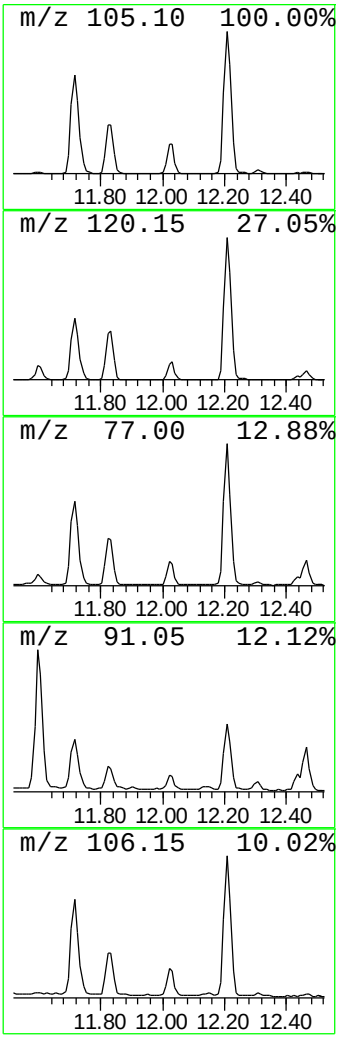
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	7.94 ug/l	826716	1,4-Dichlorobenzene-d4	12.55

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	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122018\
Data File : VF061104.D
Acq On : 20 Dec 2018 13:21
Operator : VA/AP
Sample : J6377-02
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD012-0612-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.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-	2.00	25.2	ug/l	890264	1	4.87	1763270	50.0
Pentane, 3-methyl-	2.18	25.9	ug/l	912084	1	4.87	1763270	50.0
n-Hexane	2.38	100.6	ug/l	3547650	1	4.87	1763270	50.0
1-Pentene, 2-methyl-	2.94	124.2	ug/l	4378520	1	4.87	1763270	50.0
Benzene, 1-ethyl-...	11.71	25.7	ug/l	2680090	4	12.55	5209180	50.0
Benzene, 1-ethyl-...	12.02	7.9	ug/l	826716	4	12.55	5209180	50.0