LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004942.D
Acq On : 03 Jun 2021 17:22
Operator : SY/MD
Sample : M2589-12
Misc : 11.70G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 18-B10(2-4)

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\82Y060221S.M
Title : SW846 8260

Signal : TIC: VY004942.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.960	341	351	361	rBV	60099	168156	3.28%	1.139%
2	7.728	959	969	974	rBV	145269	343539	6.71%	2.327%
3	7.795	974	980	990	rVB	284323	644236	12.58%	4.363%
4	8.148	1027	1038	1051	rBV2	197997	452586	8.84%	3.065%
5	8.697	1119	1128	1136	rBV	479148	947056	18.49%	6.414%
6	10.184	1364	1372	1379	rBV	829035	1402086	27.38%	9.496%
7	11.495	1579	1587	1596	rBV	724940	1204274	23.51%	8.156%
8	11.702	1612	1621	1632	rBV2	41130	102655	2.00%	0.695%
9	12.032	1661	1675	1682	rBV3	28970	62770	1.23%	0.425%
10	12.233	1694	1708	1715	rBV6	33744	84934	1.66%	0.575%
11	12.337	1717	1725	1735	rBV	3201432	5121562	100.00%	34.688%
12	12.489	1743	1750	1758	rVB3	950589	1704066	33.27%	11.541%
13	12.586	1761	1766	1771	rVB	71036	111790	2.18%	0.757%
14	12.806	1798	1802	1808	rVB2	56690	89795	1.75%	0.608%
15	12.891	1810	1816	1822	rVB	133543	213736	4.17%	1.448%
16	13.123	1848	1854	1859	rBV	39862	67042	1.31%	0.454%
17	13.336	1883	1889	1892	rBV2	37956	69964	1.37%	0.474%
18	13.428	1898	1904	1912	rVV	734376	1137082	22.20%	7.701%
19	13.538	1918	1922	1933	rBV	56847	121541	2.37%	0.823%
20	13.751	1951	1957	1961	rBV2	42469	65927	1.29%	0.447%
21	13.970	1988	1993	1998	rVB2	33760	55941	1.09%	0.379%
22	14.574	2087	2092	2096	rBV3	39408	73183	1.43%	0.496%
23	14.946	2149	2153	2161	rBV6	26682	51301	1.00%	0.347%
24	15.135	2179	2184	2194	rVB2	60471	99776	1.95%	0.676%
25	15.238	2194	2201	2207	rVB	123179	213948	4.18%	1.449%
26	16.293	2368	2374	2381	rBV	45409	83105	1.62%	0.563%
27	16.488	2400	2406	2414	rBV	35036	72648	1.42%	0.492%

Sum of corrected areas: 14764699

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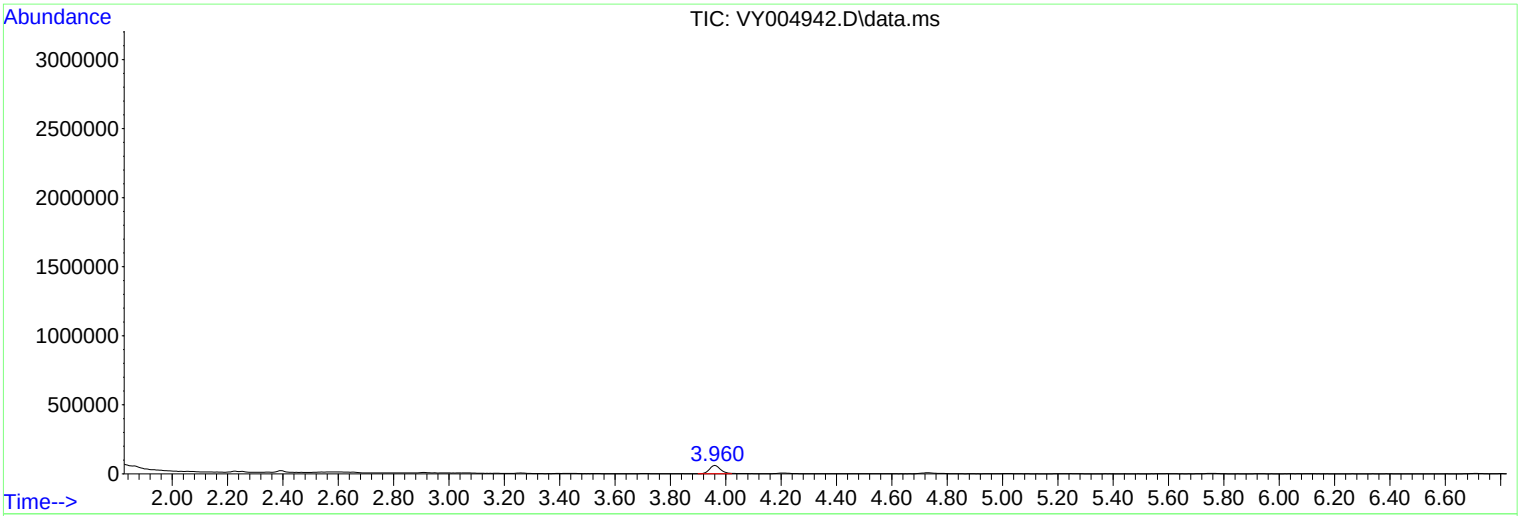
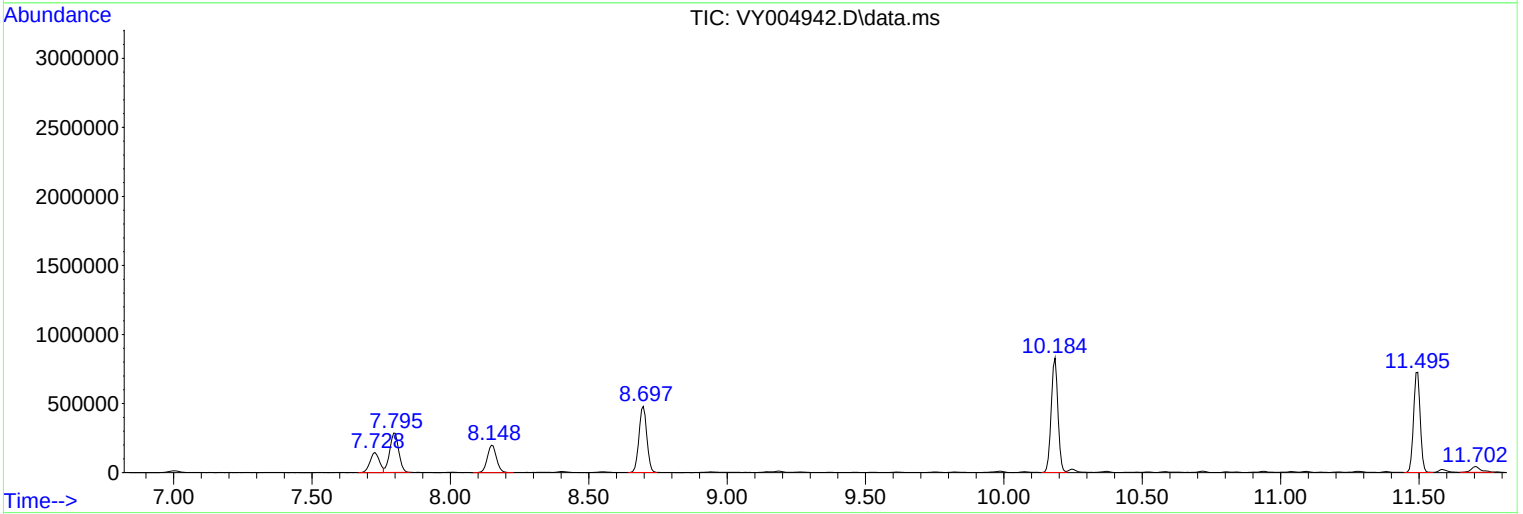
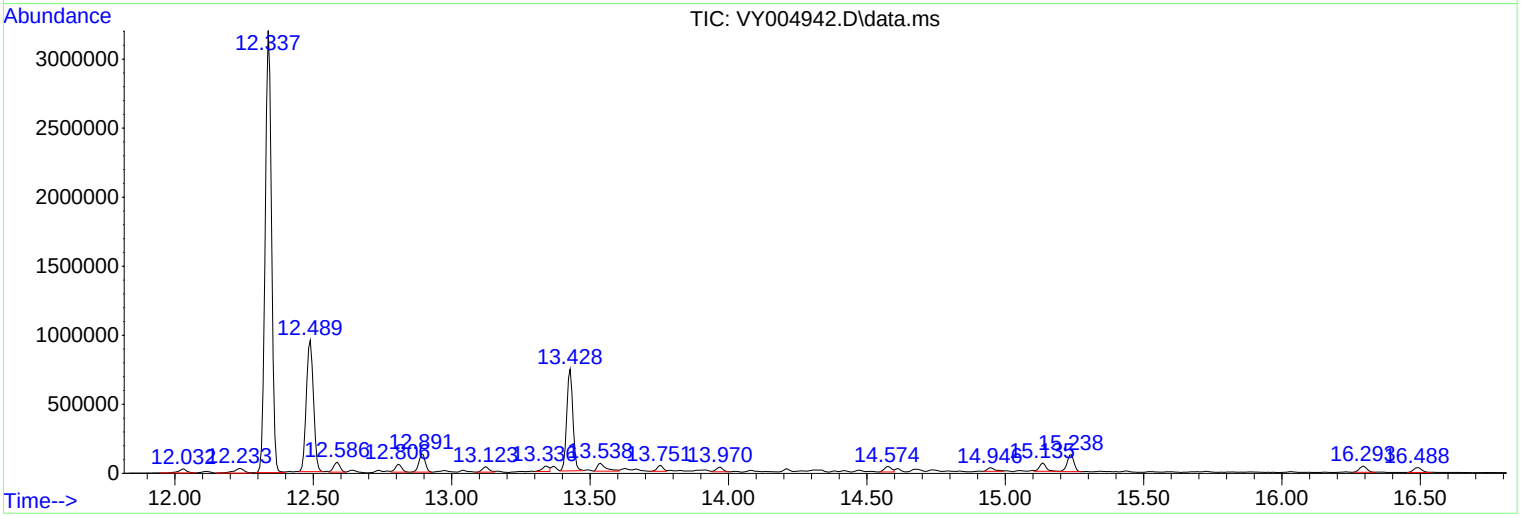
ClientSampleId :
18-B10(2-4)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260

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







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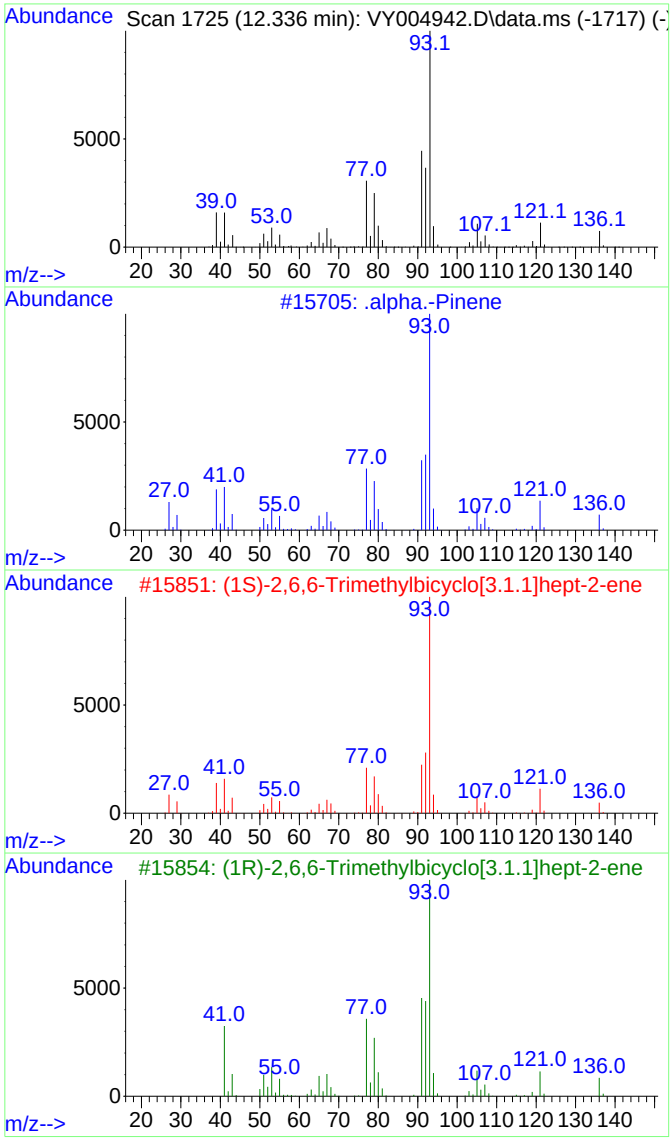
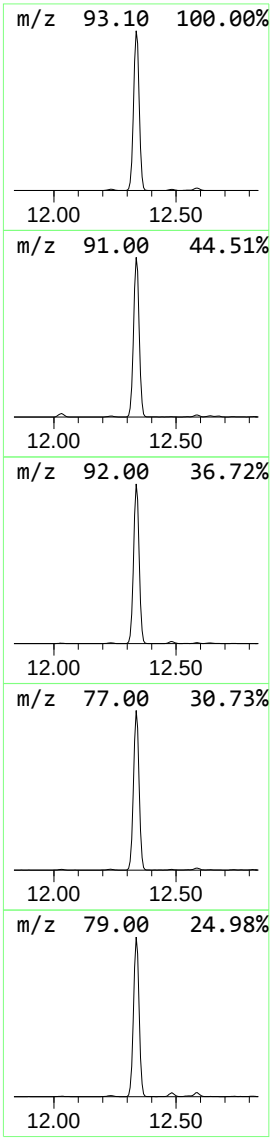
****
Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	212.64 ug/l	5121560	Chlorobenzene-d5	11.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	96
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	96
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B10(2-4)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
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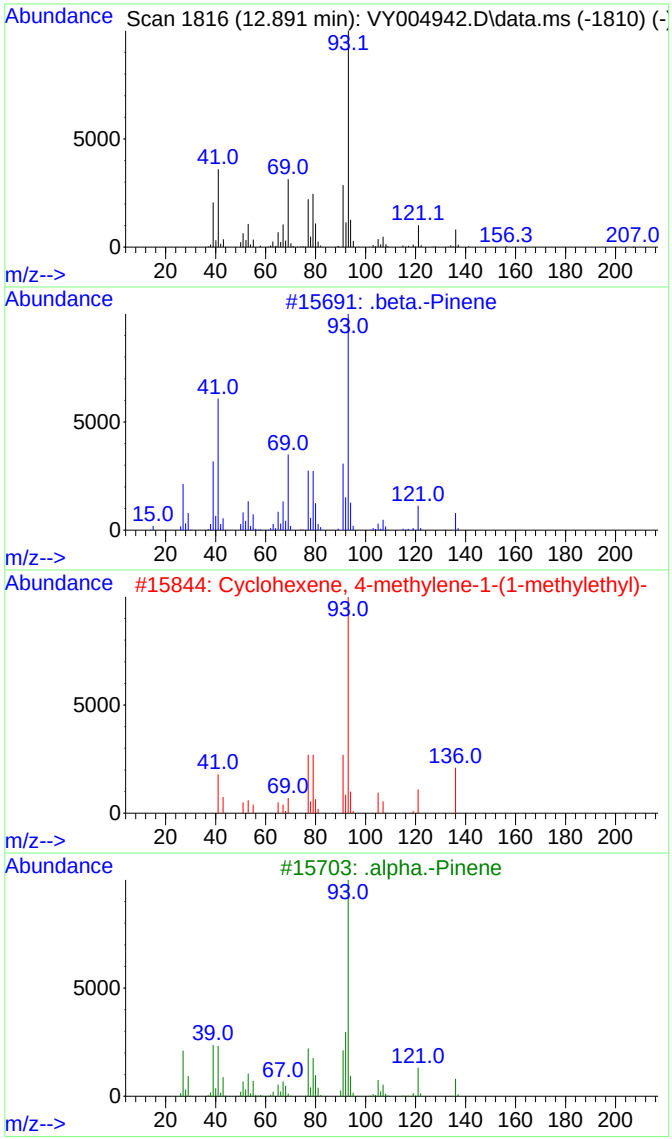
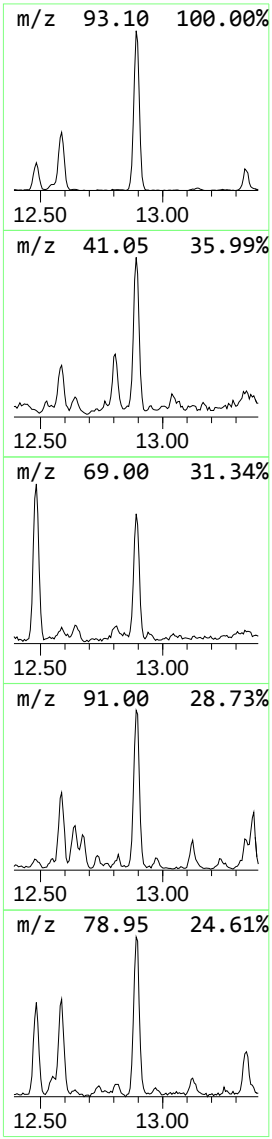
****

Peak Number 2 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.891	9.40 ug/l	213736	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	81
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	76
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	74





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B10(2-4)

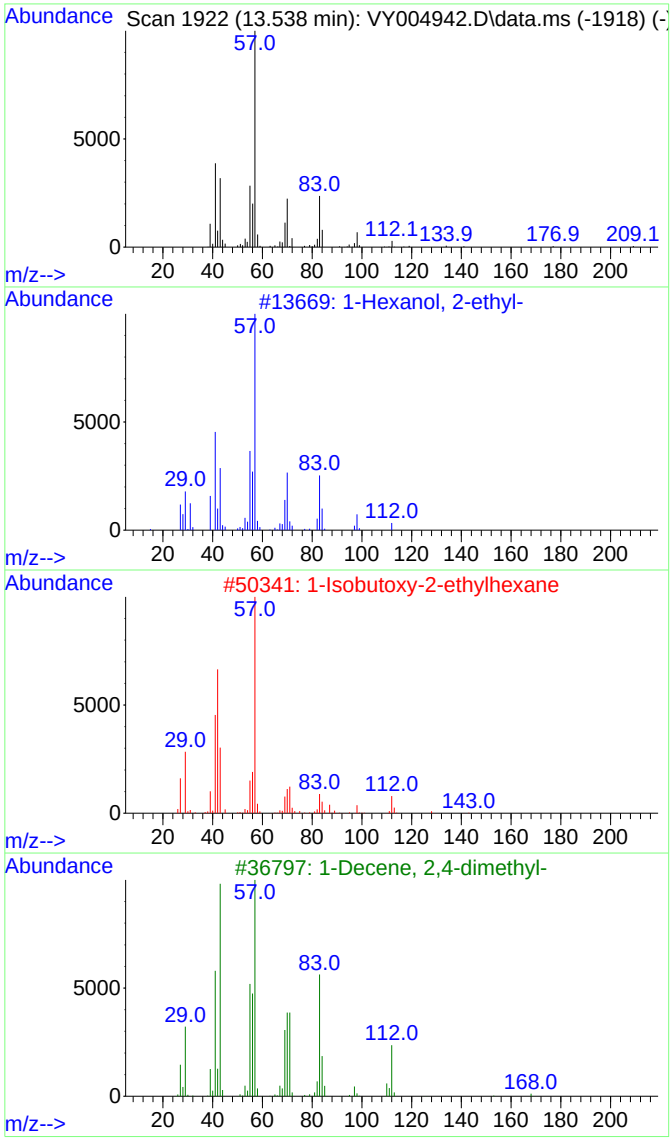
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260

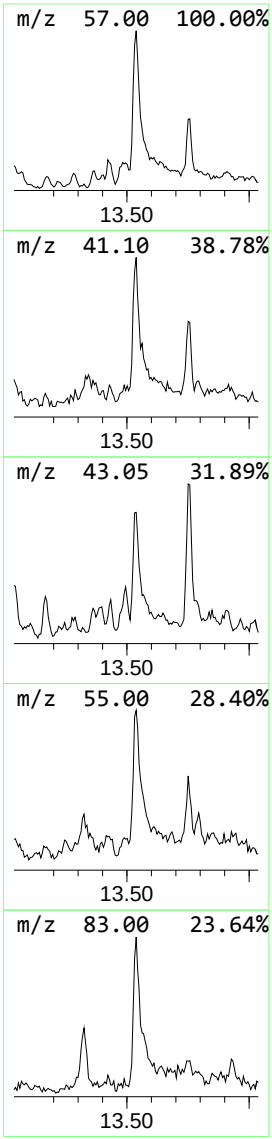
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.538	5.34 ug/l	121541	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
5	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	47





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	12.336	212.6	ug/l	5121560	3	11.495	1204270	50.0
.beta.-Pinene	12.891	9.4	ug/l	213736	4	13.428	1137080	50.0
1-Hexanol, 2-et...	13.538	5.3	ug/l	121541	4	13.428	1137080	50.0