LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
Data File : VD065887.D
Acq On : 29 Jun 2020 15:35
Operator : VA/SY
Sample : L3129-06
Misc : 1.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 1399-1400

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_D\METHOD\82D062620S.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	4.156	375	380	381	rBV2	5575	6373	1.65%	0.244%
2	4.967	507	518	530	rBV4	10773	32901	8.51%	1.257%
3	7.197	885	897	905	rBV2	15415	44516	11.52%	1.701%
4	7.914	1011	1019	1025	rBV	81139	191368	49.53%	7.312%
5	7.979	1025	1030	1041	rVB	125527	278106	71.97%	10.627%
6	8.332	1076	1090	1100	rBV2	79041	194928	50.45%	7.448%
7	8.867	1170	1181	1192	rBV	189121	386396	100.00%	14.764%
8	9.373	1262	1267	1276	rVB5	3557	6759	1.75%	0.258%
9	10.344	1424	1432	1441	rBV	198045	363897	94.18%	13.905%
10	10.726	1490	1497	1506	rVB	39912	69461	17.98%	2.654%
11	11.067	1549	1555	1556	rBV3	4851	6481	1.68%	0.248%
12	11.091	1556	1559	1565	rVB4	11814	18156	4.70%	0.694%
13	11.461	1617	1622	1627	rBV2	14215	22782	5.90%	0.871%
14	11.649	1647	1654	1666	rBV	188654	331290	85.74%	12.659%
15	12.173	1736	1743	1751	rBV4	4099	6868	1.78%	0.262%
16	12.637	1814	1822	1831	rBV	123516	200029	51.77%	7.643%
17	12.914	1862	1869	1881	rVV2	68392	122904	31.81%	4.696%
18	13.326	1934	1939	1945	rVB3	4636	6277	1.62%	0.240%
19	13.490	1961	1967	1976	rBV3	52246	88737	22.97%	3.391%
20	13.579	1976	1982	1988	rVB	106478	174822	45.24%	6.680%
21	13.679	1993	1999	2007	rVB2	29861	50182	12.99%	1.917%
22	14.102	2069	2071	2078	rVB4	4563	6282	1.63%	0.240%
23	15.855	2365	2369	2376	rVB4	4383	7555	1.96%	0.289%

Sum of corrected areas: 2617070

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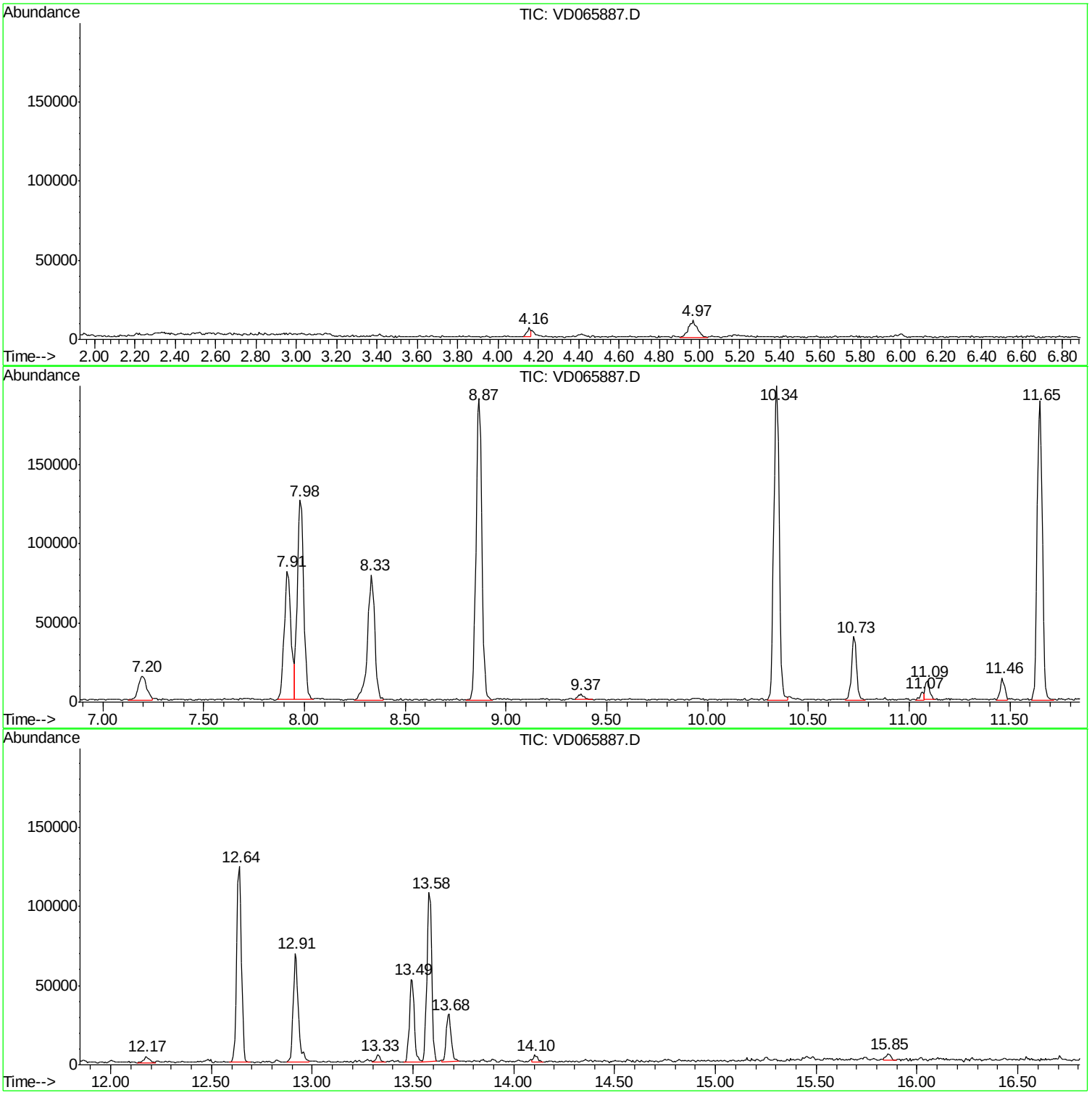
MSVOA_D
ClientSampleId :
1399-1400

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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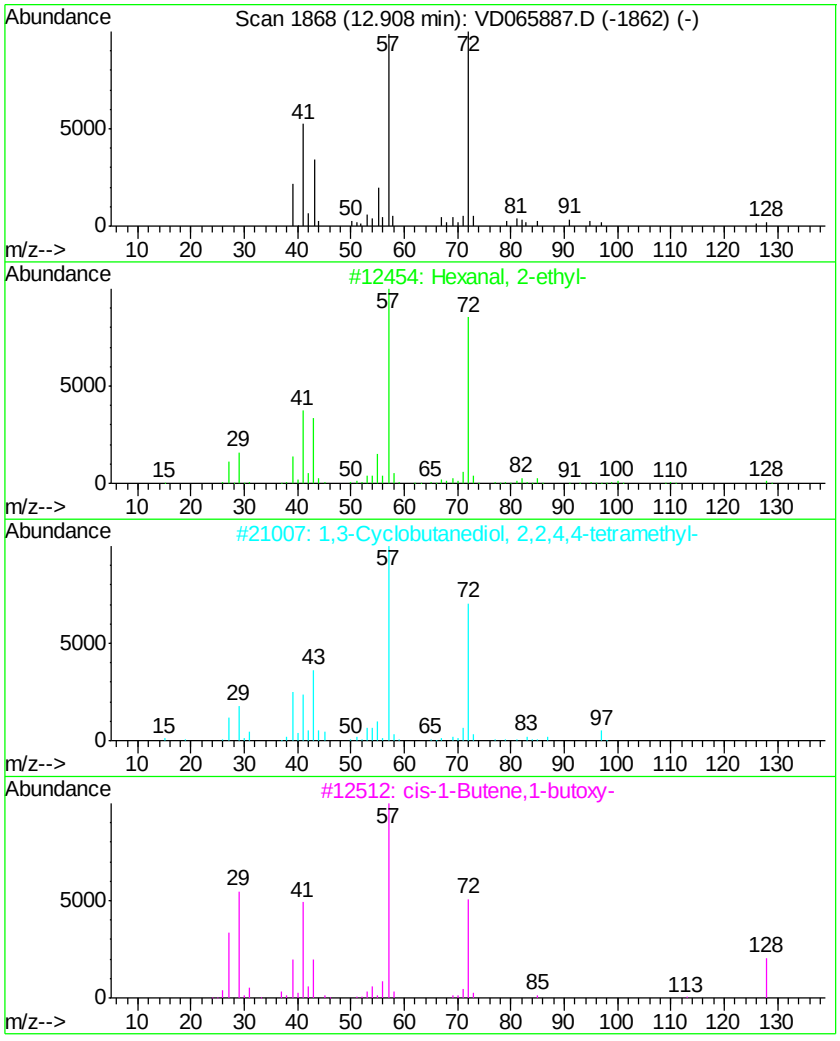
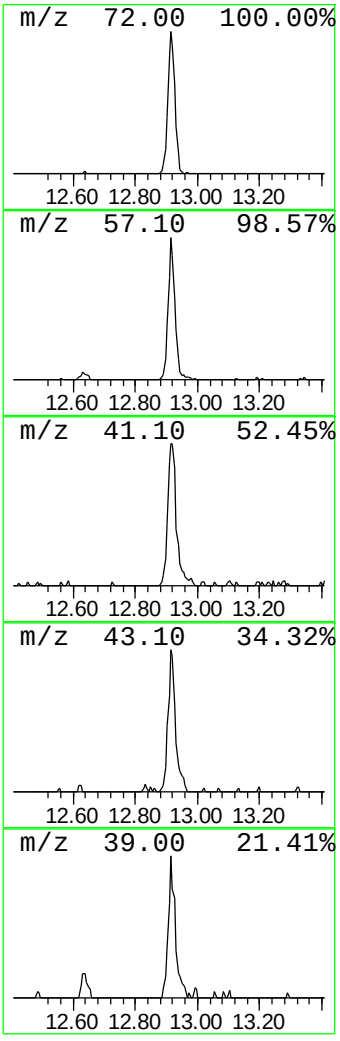
Peak Number 4 Hexanal, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	35.15 ug/l	122904	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	90
2	1,3-Cyclobutanediol, 2,2,4,4-tet...	144	C8H16O2	003010-96-6	72
3	cis-1-Butene,1-butoxy-	128	C8H16O	1000139-52-7	56
4	(1R,2R)-(-)-N-Methylpseudoephedrine	179	C11H17NO	014222-20-9	53
5	Pentane, 1-(1-butenyloxy)-, (E)-	142	C9H18O	054004-25-0	50





Library Search Compound Report

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Instrument : MSVOA_D
ClientSampleId : 1399-1400

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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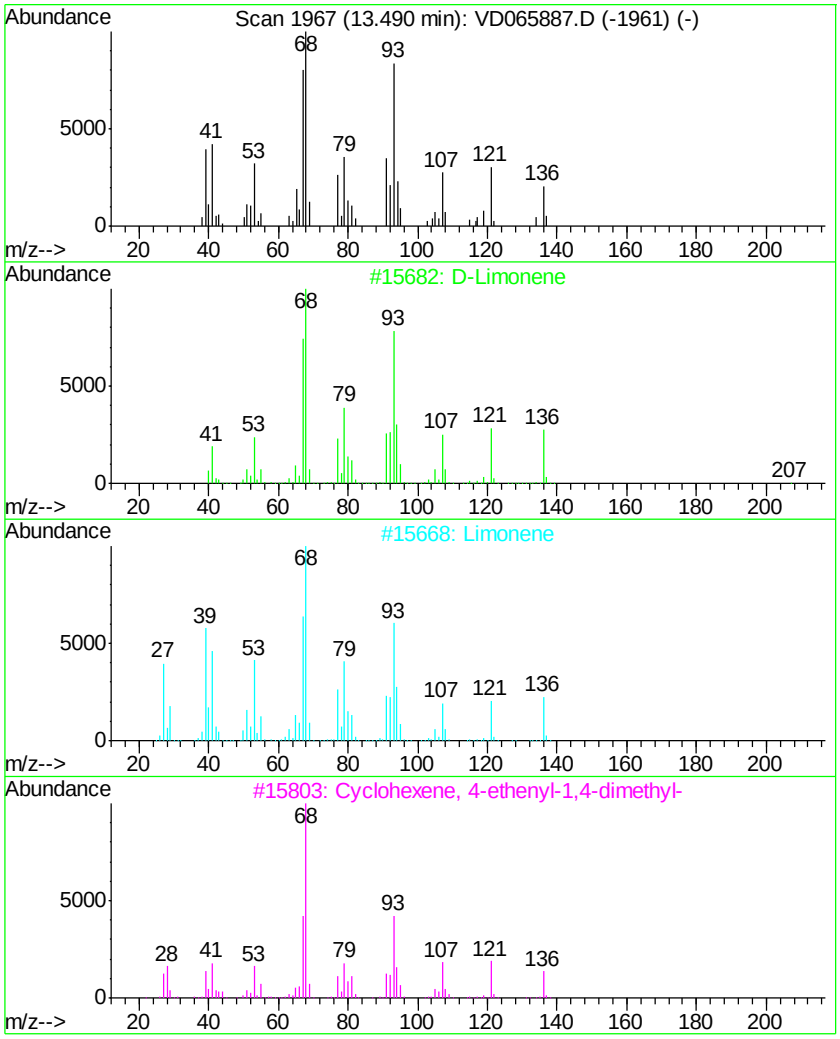
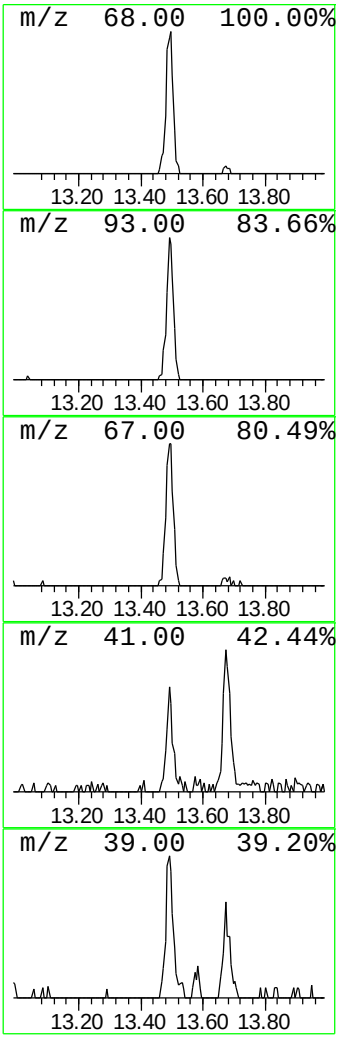
Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	25.38 ug/l	88737	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	Limonene	136	C10H16	000138-86-3	93
3	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	89
4	Cyclobutane, 1,2-bis(1-methyleth...	136	C10H16	019465-02-2	86
5	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	80





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Misc : 1.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 1399-1400

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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

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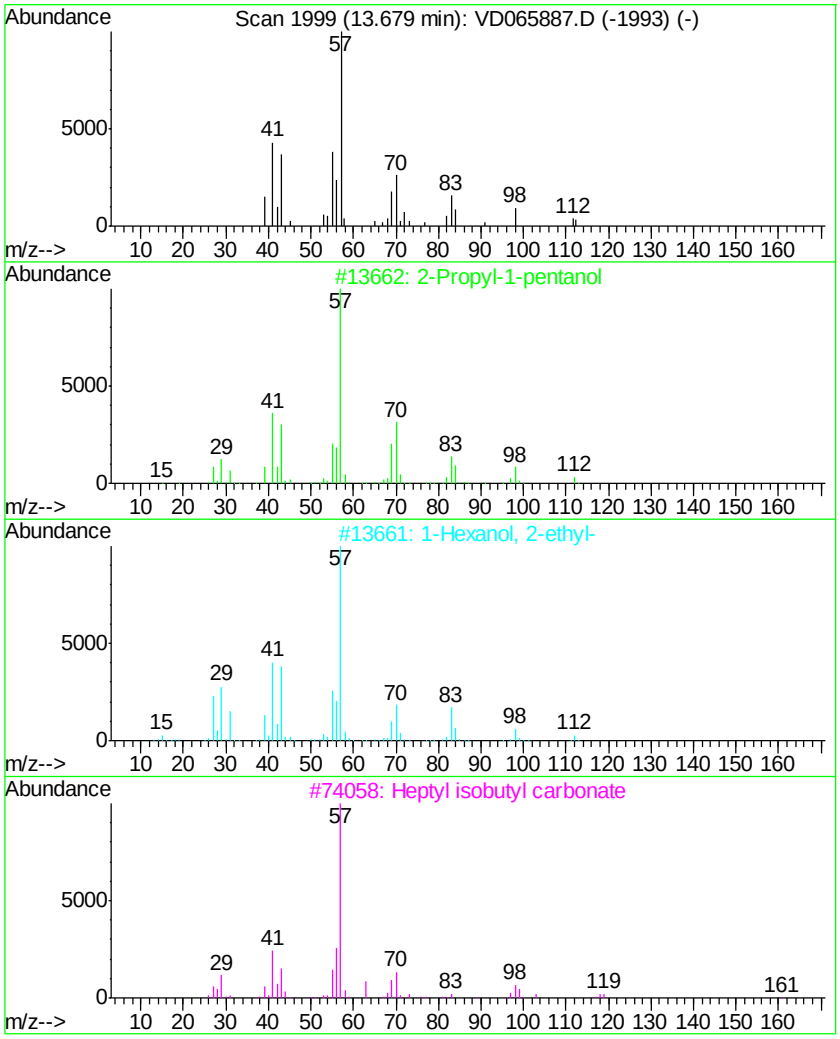
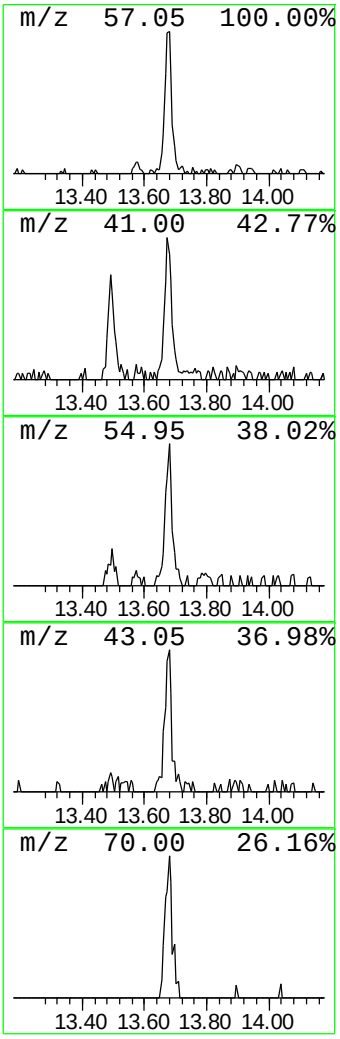
Peak Number 6 2-Propyl-1-pentanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	14.35 ug/l	50182	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	53
4	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	53
5	Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	45





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.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
Hexanal, 2-ethyl-	12.91	35.1	ug/l	122904	4	13.58	174822	50.0
D-Limonene	13.49	25.4	ug/l	88737	4	13.58	174822	50.0
2-Propyl-1-pentanol	13.68	14.4	ug/l	50182	4	13.58	174822	50.0