LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080718\
Data File : VN050439.D
Acq On : 7 Aug 2018 18:19
Operator : MD\SY
Sample : J4369-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : FIELDBLANK

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_N\METHODS\82N080618W.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	1.658	3	21	43	rBV	712997	1062853	23.19%	4.426%
2	4.075	751	773	799	rBV2	36744	110226	2.41%	0.459%
3	4.551	904	921	944	rVB4	29605	93589	2.04%	0.390%
4	6.831	1609	1630	1649	rBV2	19760	61548	1.34%	0.256%
5	7.593	1848	1867	1878	rBV	626214	1554969	33.93%	6.475%
6	7.670	1879	1891	1913	rVB	963838	2294776	50.08%	9.556%
7	8.030	1983	2003	2027	rBV	617907	1442097	31.47%	6.005%
8	8.587	2157	2176	2206	rBV	1355141	2873890	62.72%	11.968%
9	10.091	2628	2644	2684	rBV	2484172	4582373	100.00%	19.083%
10	11.410	3037	3054	3074	rBV	1798124	3167053	69.11%	13.189%
11	12.403	3350	3363	3385	rVB	1559224	2634193	57.49%	10.970%
12	12.728	3456	3464	3485	rVB3	74651	137874	3.01%	0.574%
13	12.963	3532	3537	3548	rVB4	35010	51180	1.12%	0.213%
14	13.345	3644	3656	3673	rVB	1530805	2603892	56.82%	10.843%
15	13.673	3750	3758	3767	rBV	320361	470341	10.26%	1.959%
16	14.525	4016	4023	4036	rVB	350414	485543	10.60%	2.022%
17	15.114	4202	4206	4216	rVB5	82658	110547	2.41%	0.460%
18	15.335	4268	4275	4288	rVB	174344	276498	6.03%	1.151%

Sum of corrected areas: 24013442

LSC Report - Integrated Chromatogram

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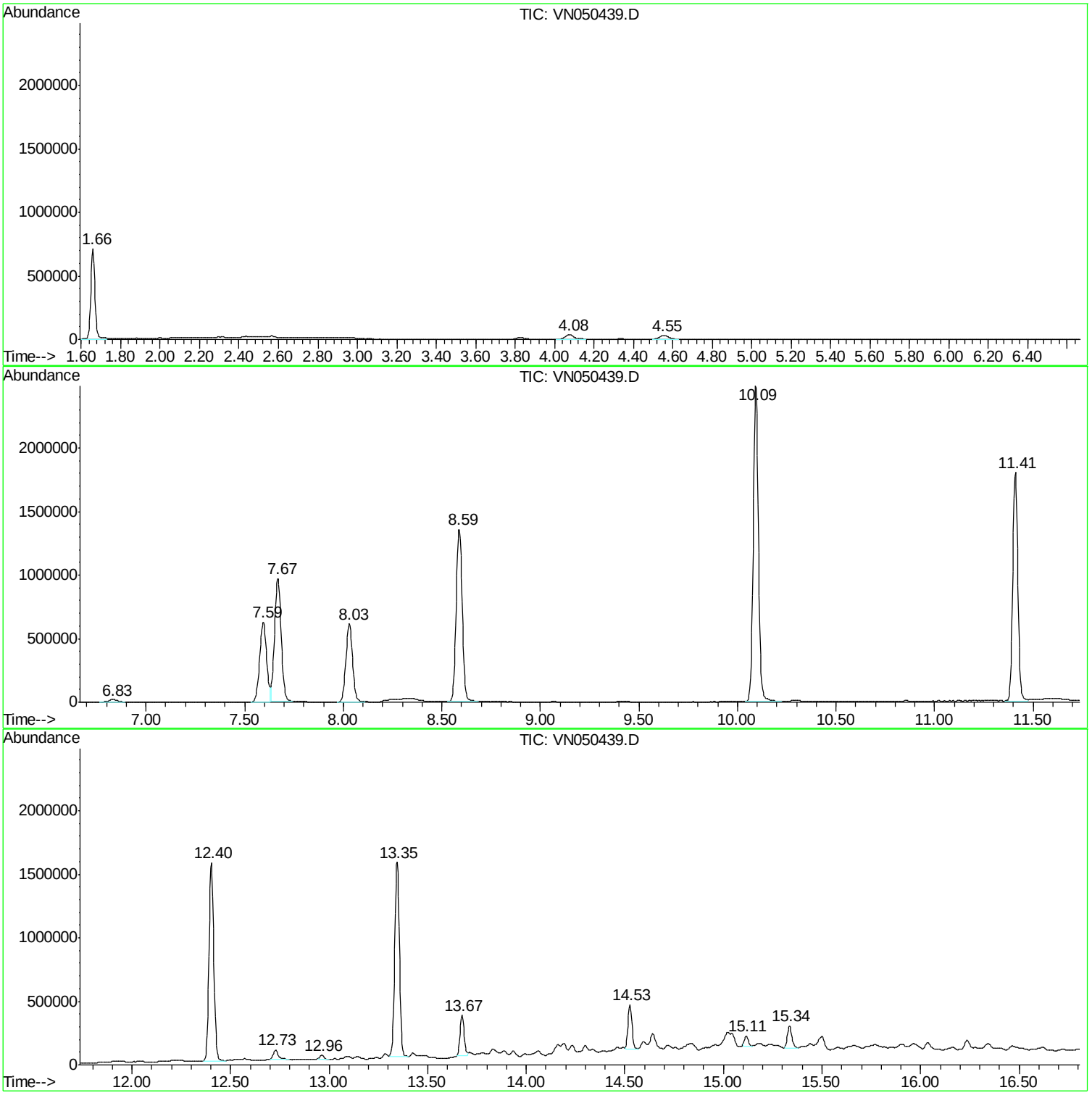
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : FIELDBLANK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.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 Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260

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

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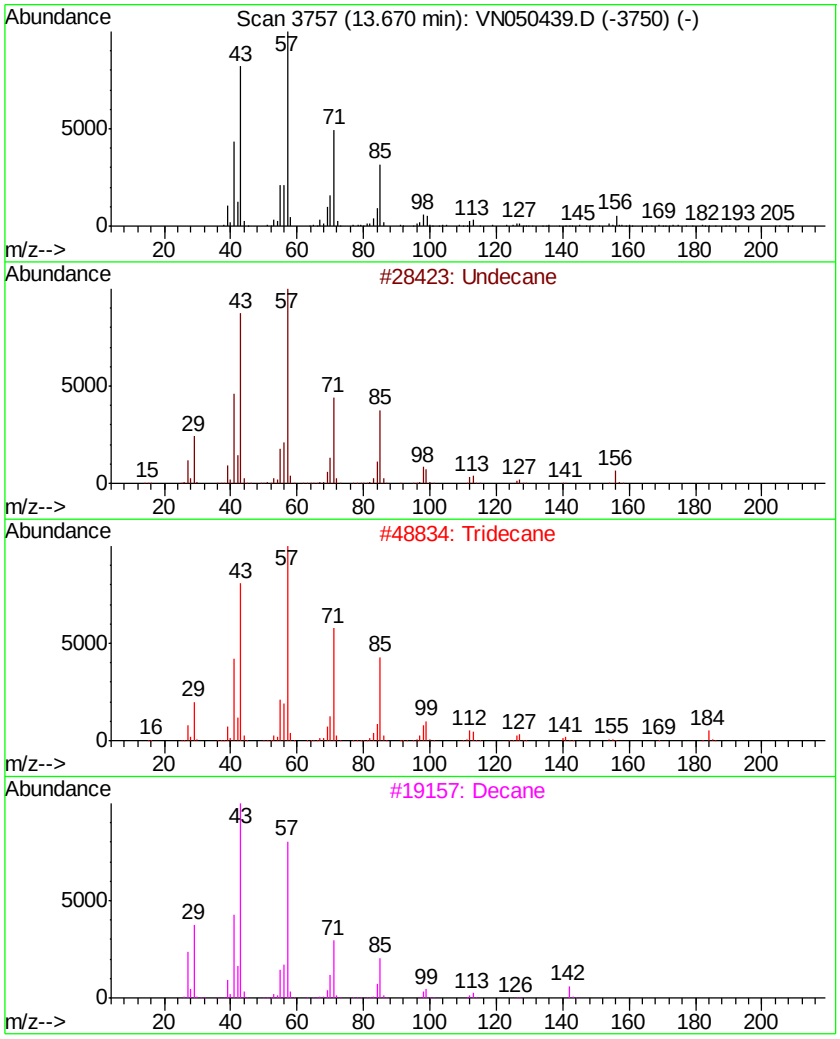
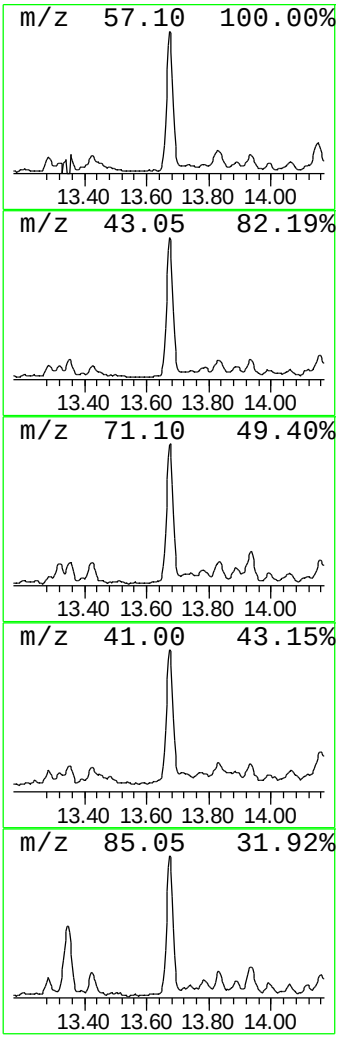
Peak Number 2 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	9.03 ug/l	470341	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Tridecane	184	C13H28	000629-50-5	86
3	Decane	142	C10H22	000124-18-5	78
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	74
5	Heneicosane	296	C21H44	000629-94-7	72





Library Search Compound Report

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : FIELDBLANK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260

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

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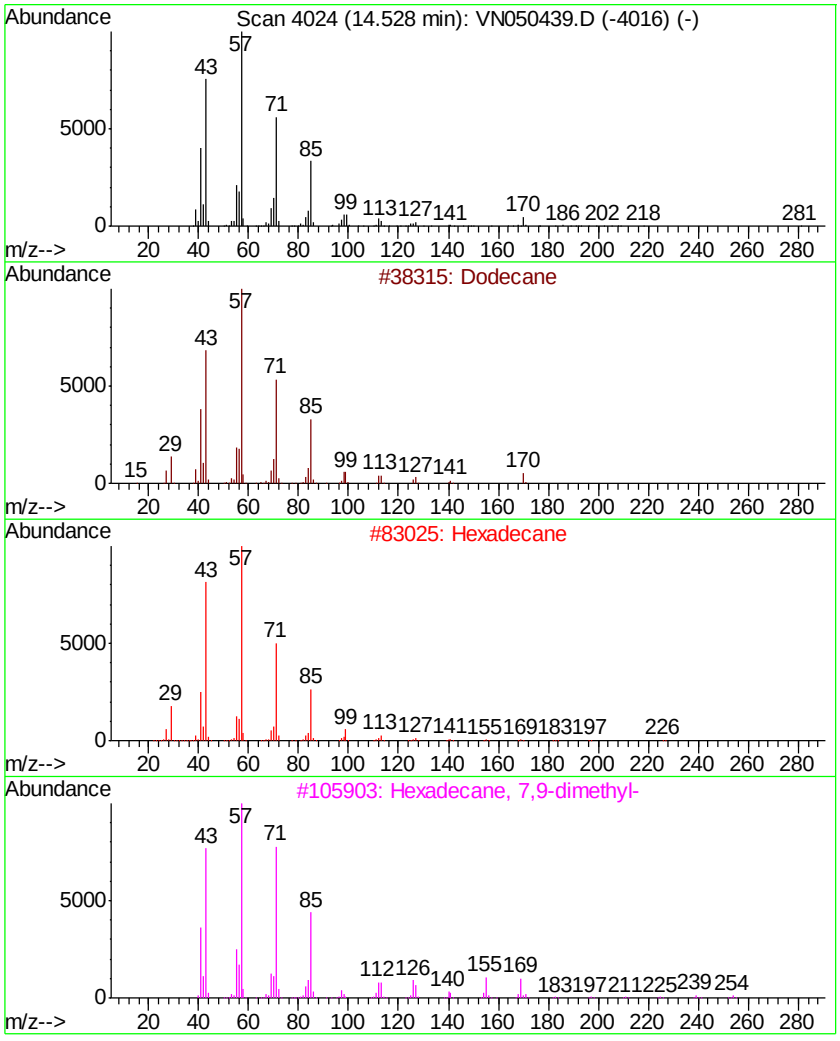
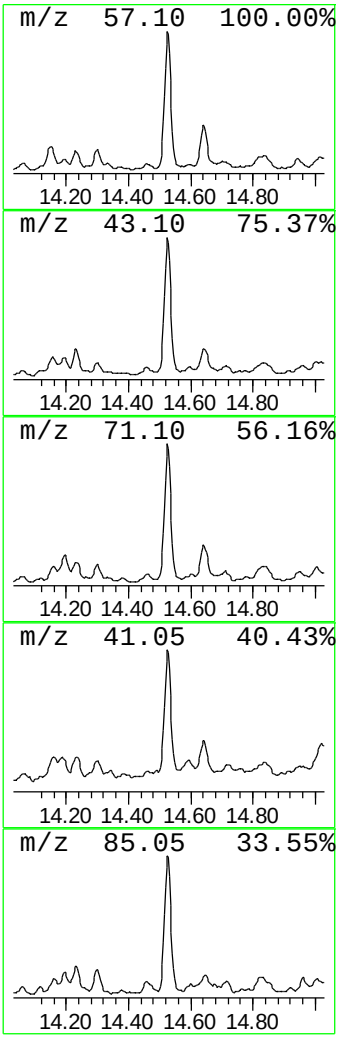
Peak Number 3 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	9.32 ug/l	485543	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Hexadecane	226	C16H34	000544-76-3	80
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
5	Tridecane	184	C13H28	000629-50-5	64





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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : FIELDBLANK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260

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

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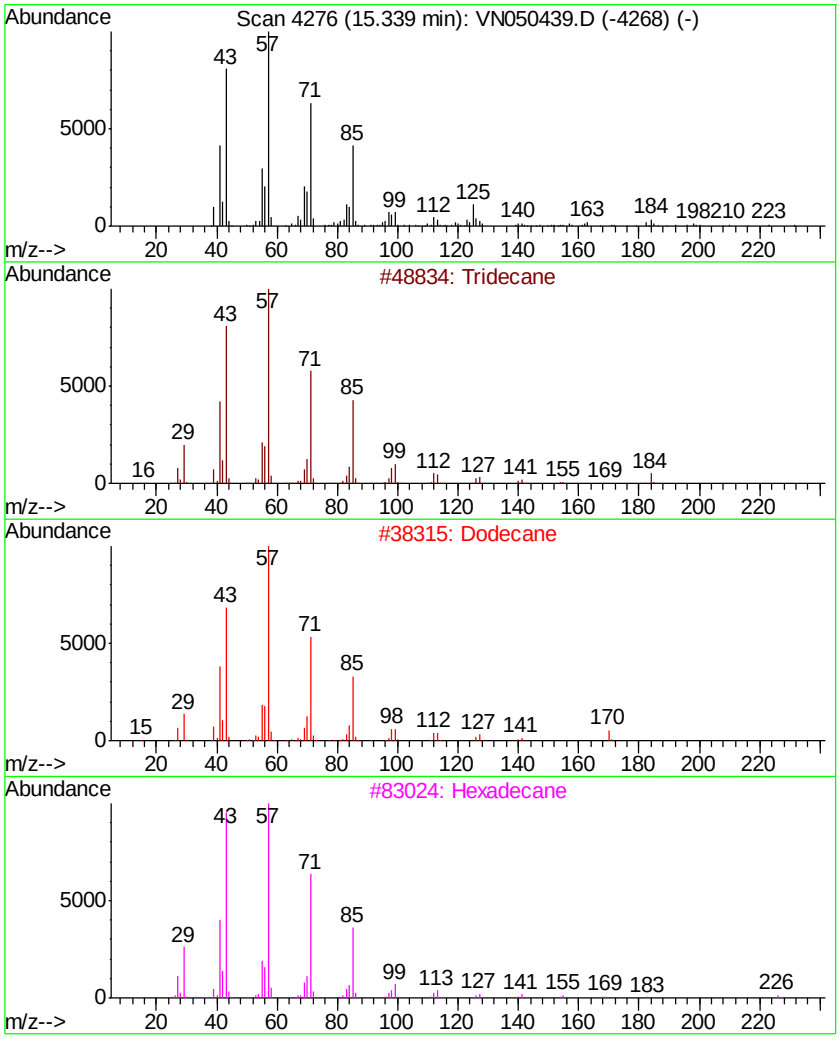
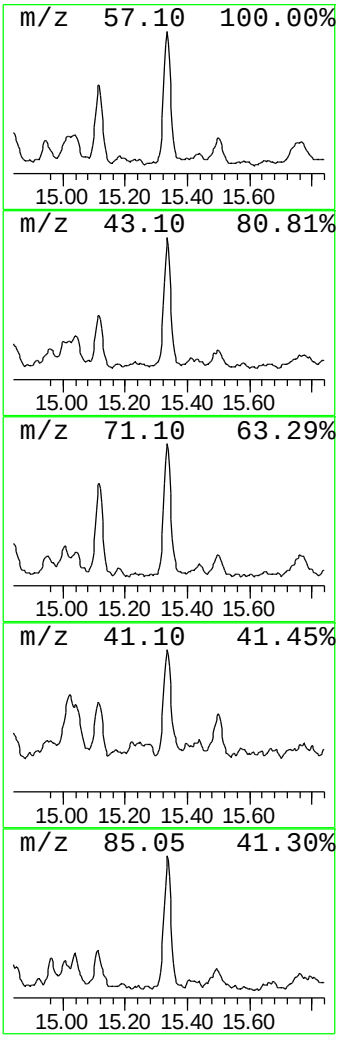
Peak Number 4 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.31 ug/l	276498	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Dodecane	170	C12H26	000112-40-3	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	10-Methylnonadecane	282	C20H42	056862-62-5	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.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
Undecane	13.67	9.0	ug/l	470341	4	13.35	2603890	50.0
Dodecane	14.53	9.3	ug/l	485543	4	13.35	2603890	50.0
Tridecane	15.34	5.3	ug/l	276498	4	13.35	2603890	50.0