LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
Data File : VN086359.D
Acq On : 21 Apr 2025 14:11
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\624N041125W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN086359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.812	138	146	153	rVB	9820	24381	4.07%	0.946%
2	4.712	459	469	482	rVB	5095	16354	2.73%	0.634%
3	7.812	986	996	1007	rBV2	71963	183297	30.56%	7.108%
4	8.577	1117	1126	1134	rBV	96189	215574	35.95%	8.360%
5	9.100	1206	1215	1228	rBV	172512	353646	58.97%	13.714%
6	10.565	1454	1464	1474	rBV	323922	599696	100.00%	23.256%
7	11.865	1677	1685	1696	rBV	234405	421606	70.30%	16.350%
8	12.847	1845	1852	1862	rVB	207056	355077	59.21%	13.770%
9	13.829	1996	2019	2022	rBV5	20271	94326	15.73%	3.658%
10	13.870	2022	2026	2036	rVB2	27855	49840	8.31%	1.933%
11	14.094	2053	2064	2072	rBV7	3603	11268	1.88%	0.437%
12	14.306	2093	2100	2111	rVV9	7066	26070	4.35%	1.011%
13	14.435	2111	2122	2134	rVB4	30361	103091	17.19%	3.998%
14	14.717	2159	2170	2172	rBV5	4290	11080	1.85%	0.430%
15	14.782	2173	2181	2192	rVV4	31423	91047	15.18%	3.531%
16	14.888	2192	2199	2209	rVB4	8539	22280	3.72%	0.864%

Sum of corrected areas: 2578633

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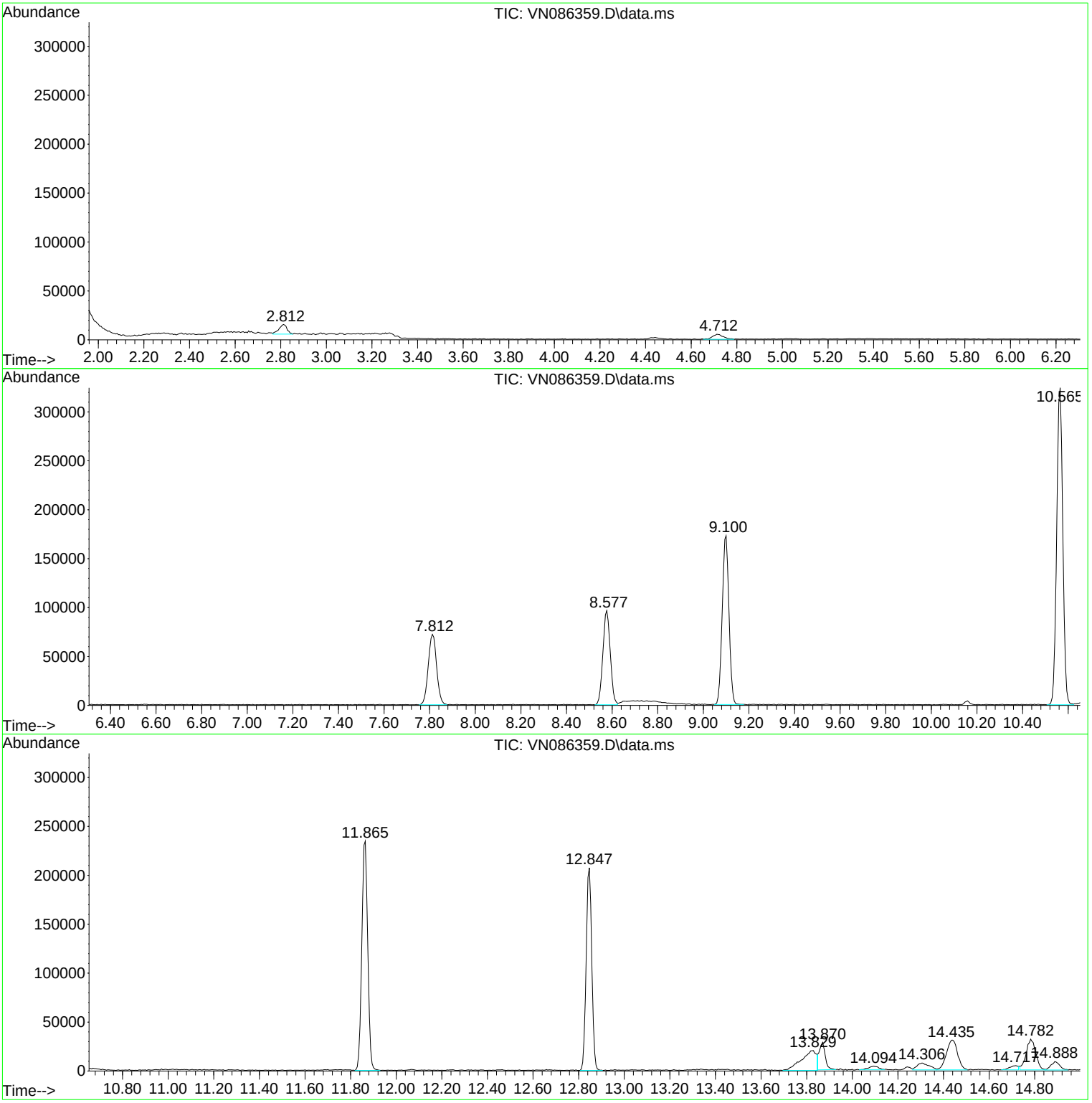
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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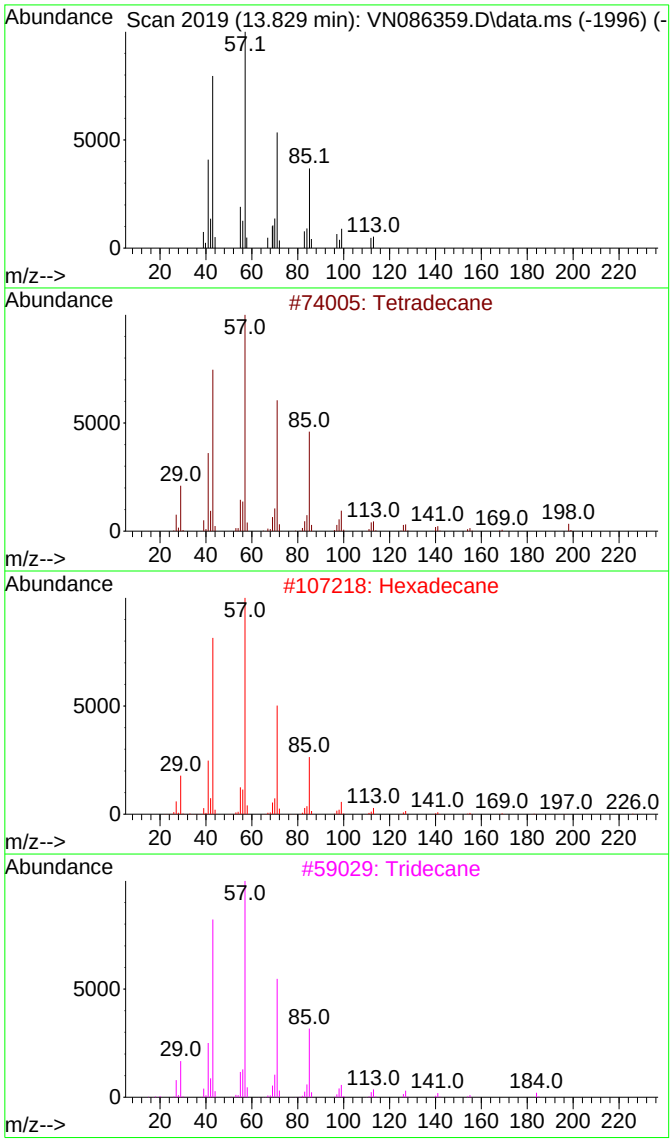
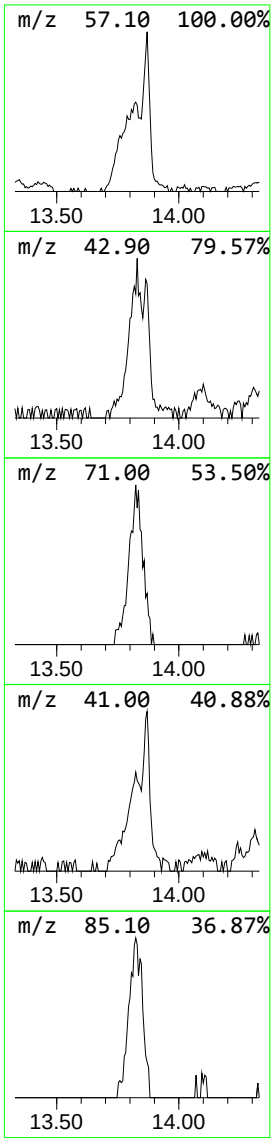
Peak Number 2 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.829	6.71 ug/l	94326	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64





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MSVOA_N
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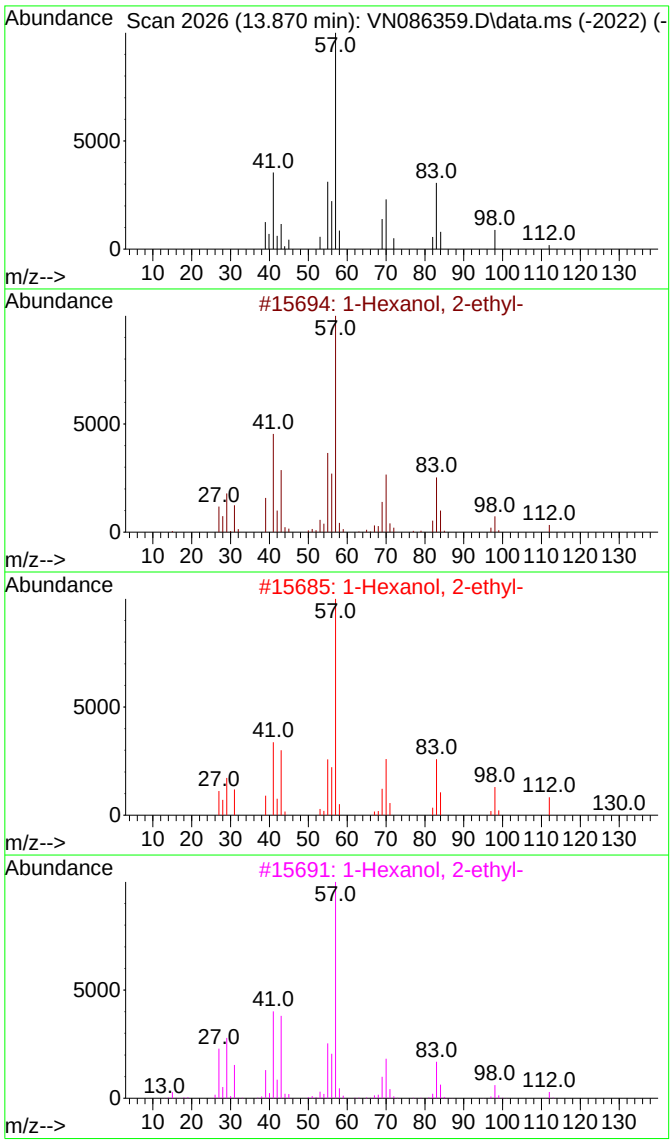
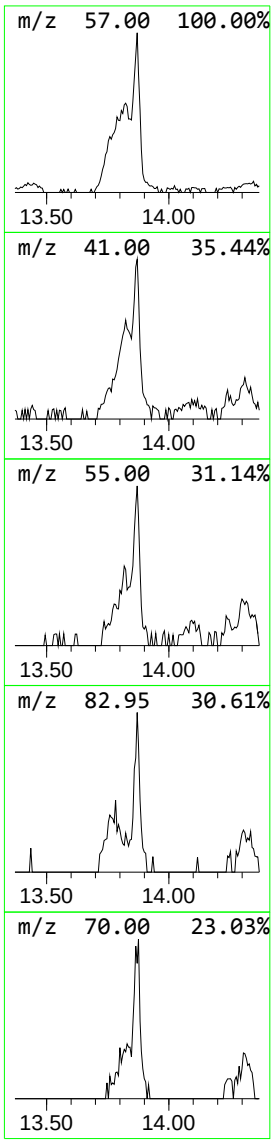
****
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.870	3.55 ug/l	49840	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





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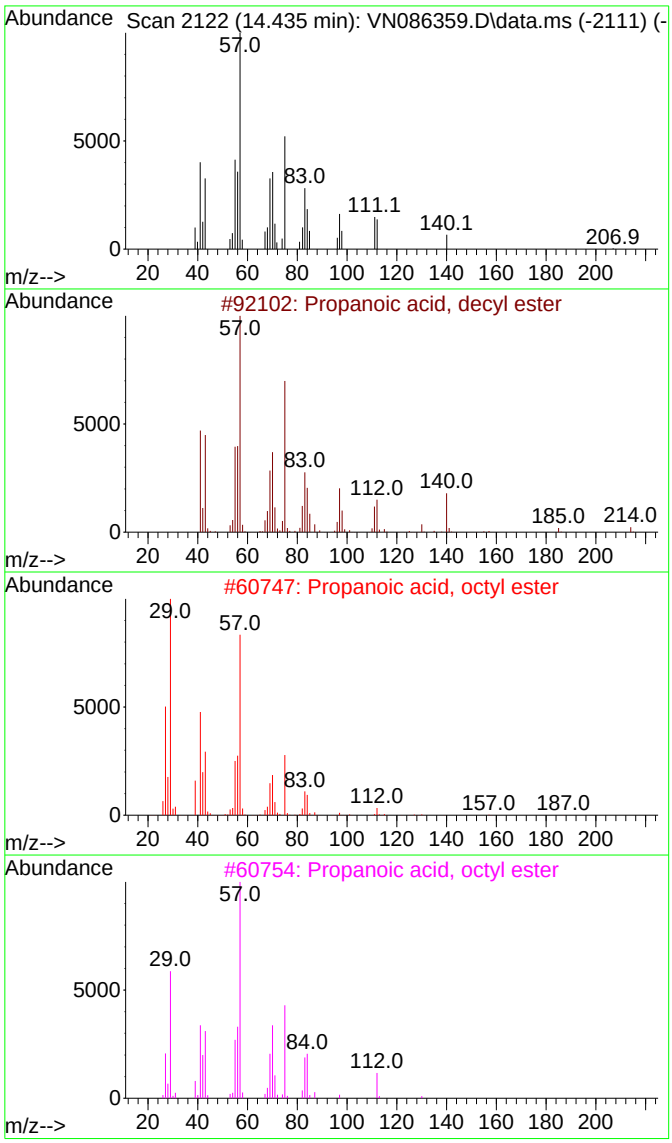
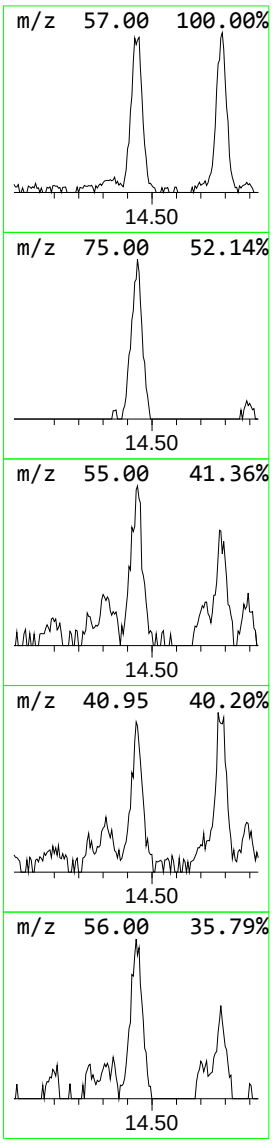
****
Peak Number 4 Propanoic acid, decyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.435	7.34 ug/l	103091	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, decyl ester	214	C13H26O2	005454-19-3	91
2	Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	72
3	Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	64
4	Propanoic acid, decyl ester	214	C13H26O2	005454-19-3	53
5	Ethanol, 2-(octyloxy)-	174	C10H22O2	010020-43-6	53





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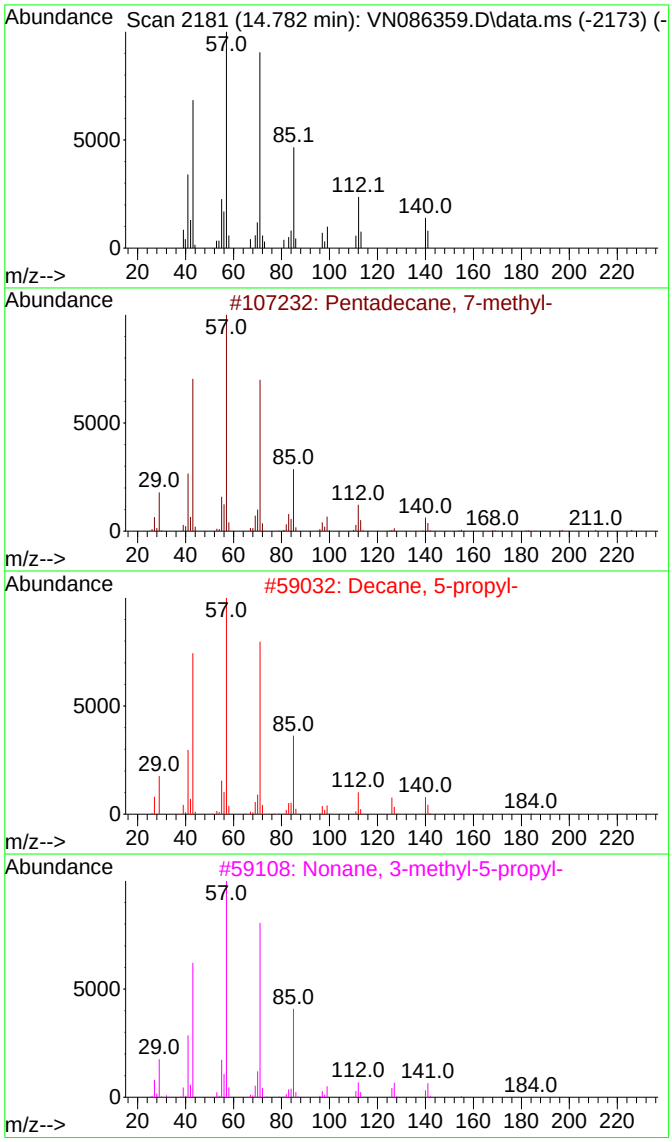
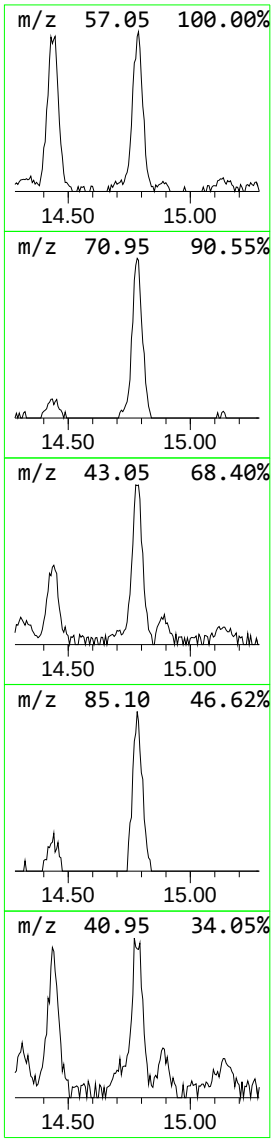
****

Peak Number 5 Pentadecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.782	6.48 ug/l	91047	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
2	Decane, 5-propyl-	184	C13H28	017312-62-8	78
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetradecane	13.829	6.7	ug/l	94326	3	11.865	421606	30.0
1-Hexanol, 2-et...	13.870	3.5	ug/l	49840	3	11.865	421606	30.0
Propanoic acid,...	14.435	7.3	ug/l	103091	3	11.865	421606	30.0
Pentadecane, 7-...	14.782	6.5	ug/l	91047	3	11.865	421606	30.0