LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086822.D
Acq On : 29 May 2025 18:13
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 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\624N052925W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN086822.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.365	66	70	76	rVV	20801	39893	3.74%	0.950%
2	2.671	117	122	128	rVB2	8816	15767	1.48%	0.375%
3	7.812	987	996	1007	rVB2	106936	276198	25.90%	6.574%
4	8.577	1113	1126	1137	rBV	108793	250289	23.47%	5.957%
5	9.094	1206	1214	1227	rVB	268238	562246	52.73%	13.383%
6	10.565	1455	1464	1472	rBV	405906	745152	69.89%	17.736%
7	10.671	1472	1482	1492	rVB2	10802	37659	3.53%	0.896%
8	11.859	1677	1684	1693	rVB	343116	624035	58.53%	14.854%
9	12.641	1803	1817	1820	rBV9	28674	94117	8.83%	2.240%
10	12.847	1844	1852	1860	rBV	243270	425645	39.92%	10.131%
11	13.941	2031	2038	2047	rVB7	15694	48537	4.55%	1.155%
12	14.059	2053	2058	2060	rBV4	9665	15495	1.45%	0.369%
13	14.312	2078	2101	2126	rBV2	220439	1066222	100.00%	25.379%

Sum of corrected areas: 4201255

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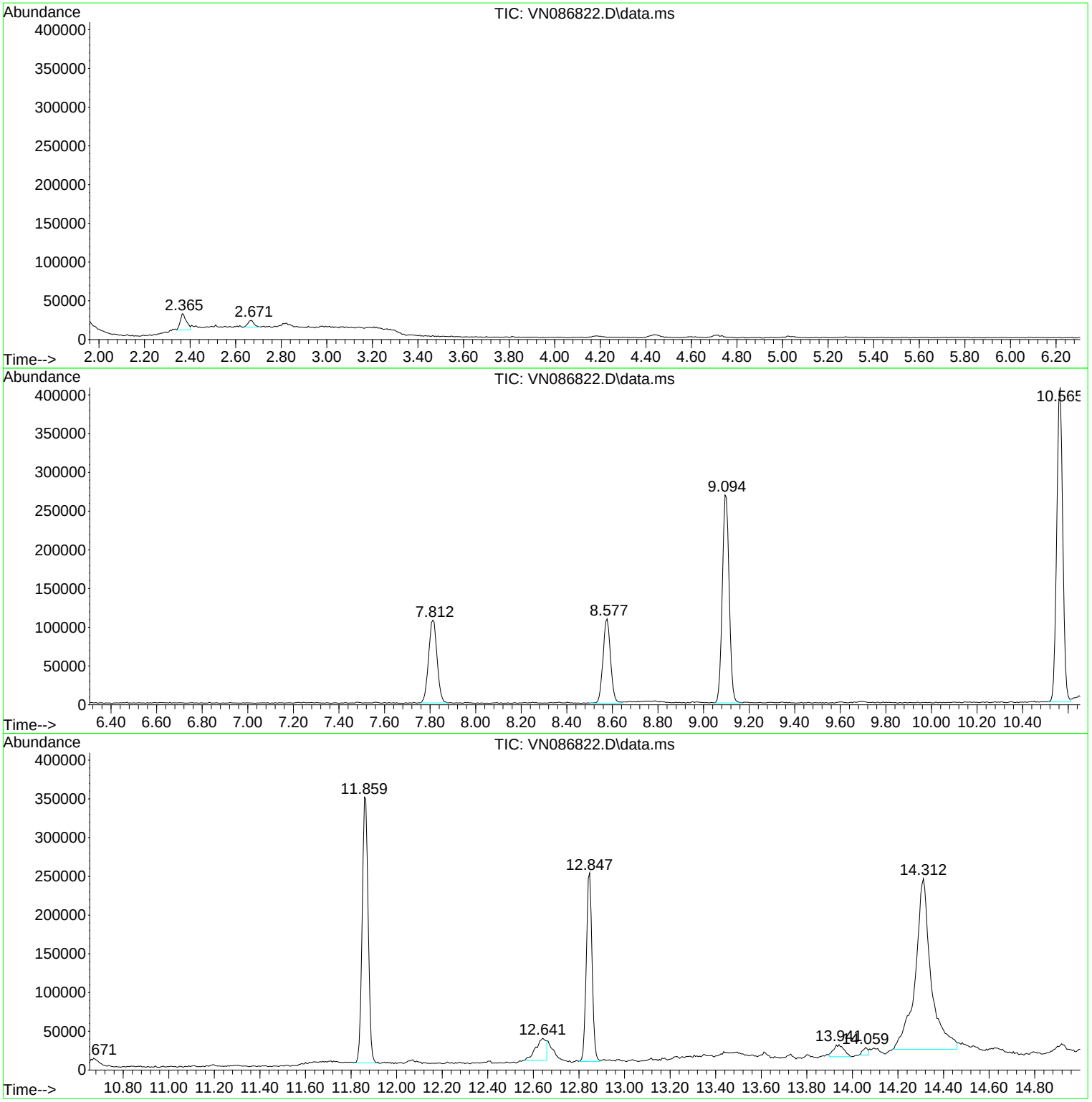
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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

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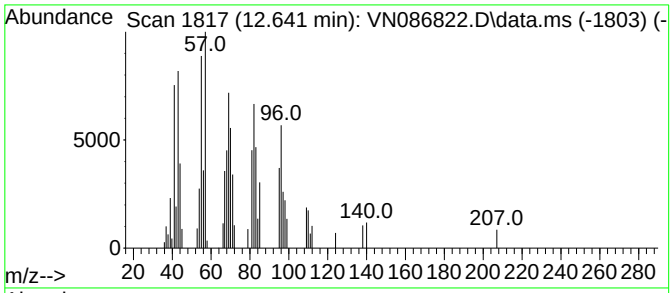
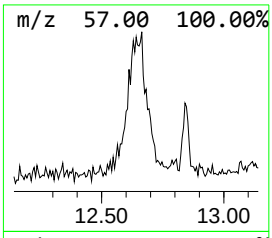
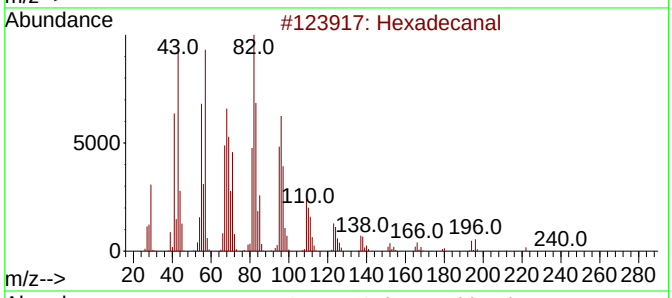
Peak Number 1 Hexadecanal Concentration Rank 2

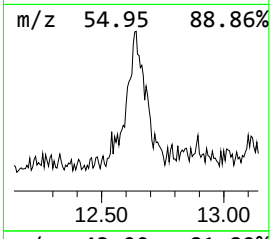
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.641	4.52 ug/l	94117	Chlorobenzene-d5	11.859

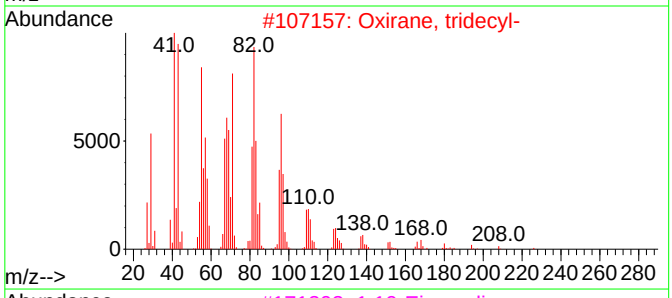
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	58
2	Oxirane, tridecyl-	226	C15H30O	018633-25-5	52
3	1,19-Eicosadiene	278	C20H38	014811-95-1	52
4	Pentadecanal-	226	C15H30O	002765-11-9	49
5	11-Hexadecen-1-ol, (Z)-	240	C16H32O	056683-54-6	46

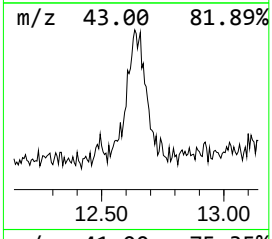


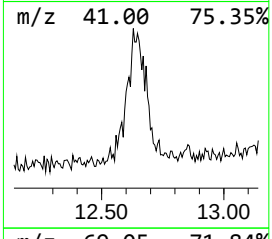


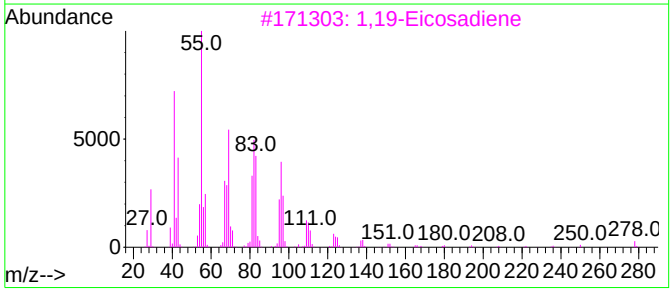


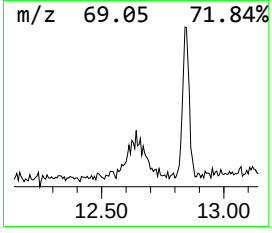












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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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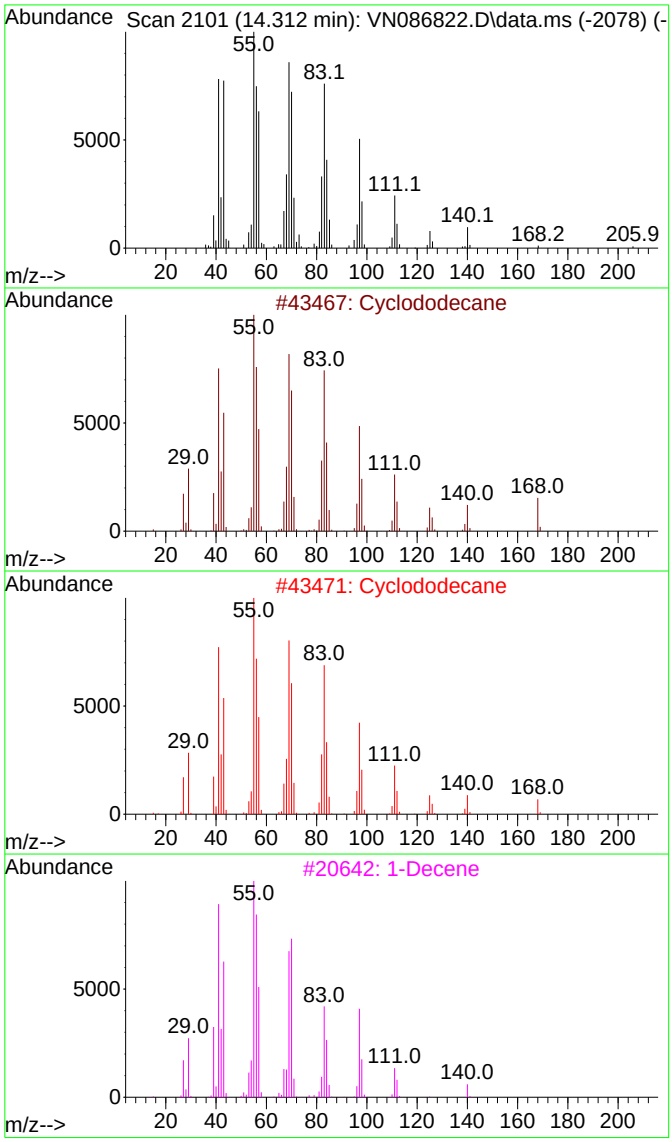
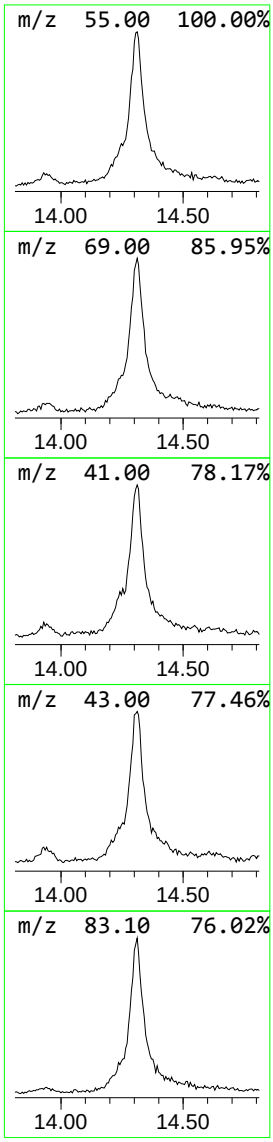
Peak Number 2 Cyclododecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	51.26 ug/l	1066220	Chlorobenzene-d5	11.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	97
2	Cyclododecane	168	C12H24	000294-62-2	96
3	1-Decene	140	C10H20	000872-05-9	95
4	Cyclopropane, nonyl-	168	C12H24	074663-85-7	95
5	1-Dodecanol	186	C12H26O	000112-53-8	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanal	12.641	4.5	ug/l	94117	3	11.859	624035	30.0
Cyclododecane	14.312	51.3	ug/l	1066220	3	11.859	624035	30.0