LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081619\
Data File : VV012269.D
Acq On : 16 Aug 2019 14:33
Operator : SY/MD
Sample : K4337-06
Misc : 25mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR081319WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	4	8	19	rVB3	9357	10434	1.60%	0.178%
2	1.226	37	42	47	rVB2	9419	8686	1.34%	0.148%
3	1.319	63	71	88	rVB	121195	135957	20.90%	2.323%
4	1.582	146	153	163	rVB	90782	107491	16.52%	1.837%
5	2.129	313	323	333	rBV	142069	198408	30.50%	3.390%
6	2.187	333	341	353	rVB	20723	32020	4.92%	0.547%
7	2.299	366	376	396	rVB	24880	45636	7.02%	0.780%
8	2.550	438	454	465	rBV7	9269	21446	3.30%	0.366%
9	2.785	515	527	544	rVB2	23504	46329	7.12%	0.792%
10	3.071	602	616	631	rVV	70254	139263	21.41%	2.380%
11	3.804	824	844	866	rBV3	47990	123427	18.97%	2.109%
12	3.965	875	894	932	rBV7	49114	235773	36.25%	4.029%
13	4.399	1009	1029	1056	rBV2	111236	285816	43.94%	4.884%
14	5.094	1227	1245	1273	rBV2	267867	650486	100.00%	11.115%
15	5.663	1408	1422	1448	rBV	206931	411632	63.28%	7.033%
16	5.946	1498	1510	1526	rVB2	14287	29516	4.54%	0.504%
17	6.116	1549	1563	1584	rBV	151182	307976	47.35%	5.262%
18	7.029	1833	1847	1860	rBV	71324	128224	19.71%	2.191%
19	7.184	1886	1895	1906	rBV4	8080	13207	2.03%	0.226%
20	7.357	1937	1949	1965	rBV	318157	550671	84.66%	9.409%
21	7.428	1968	1971	1986	rVB	7247	11116	1.71%	0.190%
22	7.663	2033	2044	2061	rBV	45209	76884	11.82%	1.314%
23	8.138	2179	2192	2230	rBV7	202720	576040	88.56%	9.843%
24	8.894	2413	2427	2451	rBV	345141	581873	89.45%	9.942%
25	10.261	2842	2852	2872	rVB	104223	166551	25.60%	2.846%
26	11.293	3161	3173	3193	rBV	275501	467314	71.84%	7.985%
27	11.672	3279	3291	3310	rBV	295875	490326	75.38%	8.378%

Sum of corrected areas: 5852502

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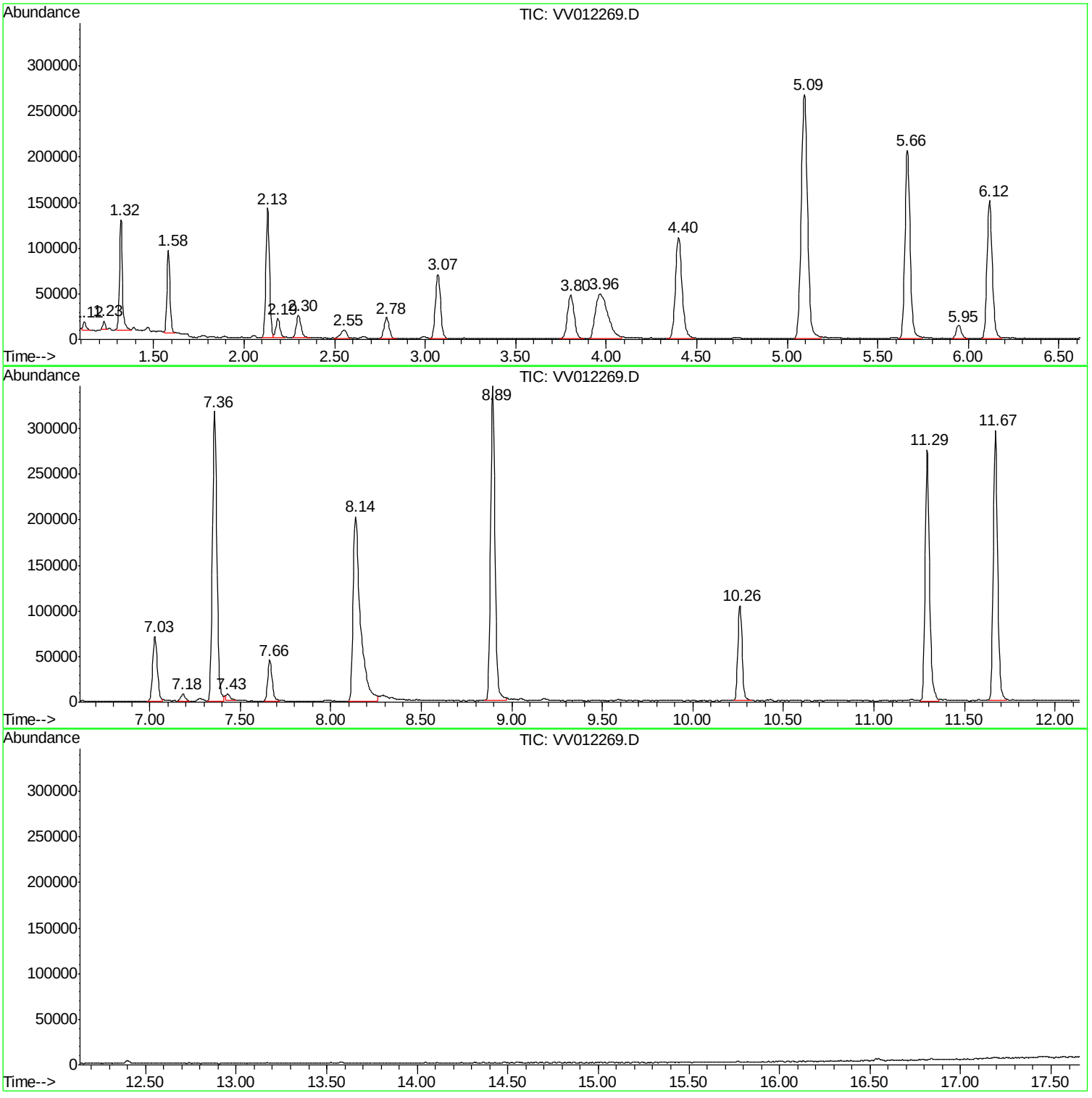
Instrument : MSVOA_V
ClientSampleId : C0AG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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Quant Title : TRACE VOA SOM01.0

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

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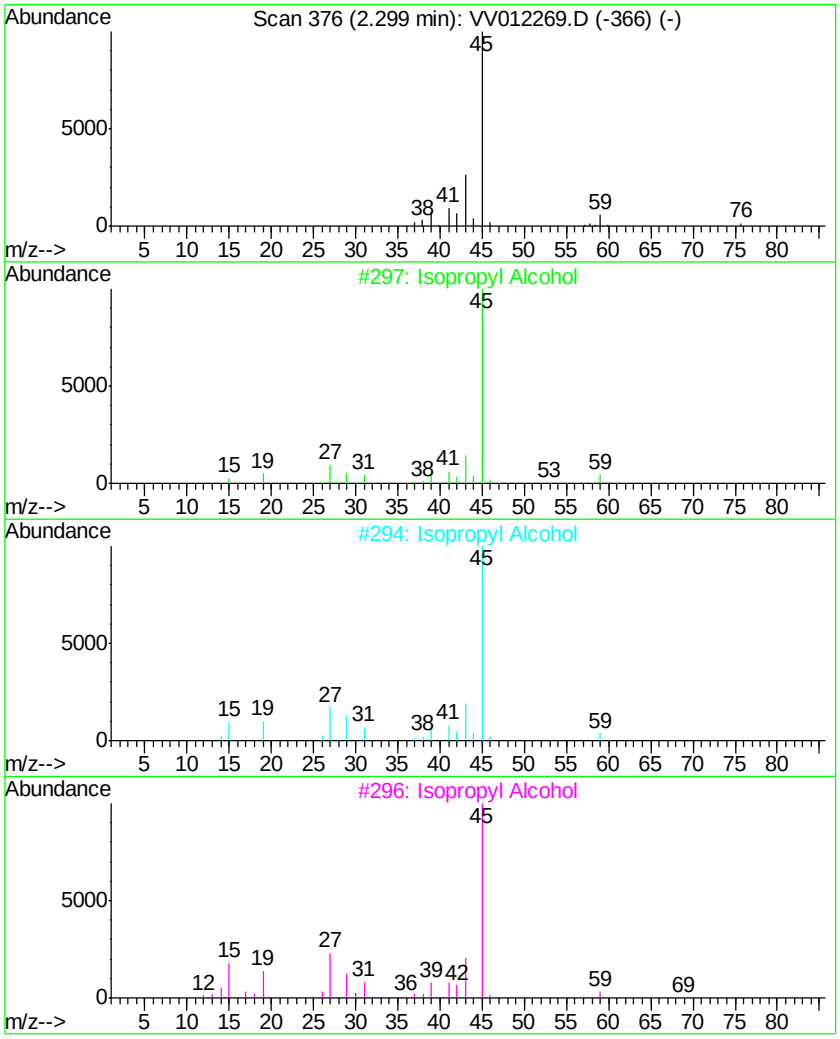
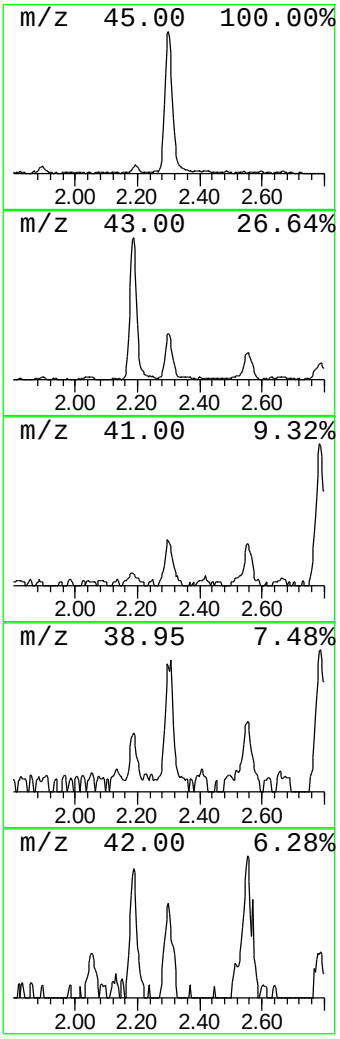
Peak Number 1 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	0.55 ug/L	45636	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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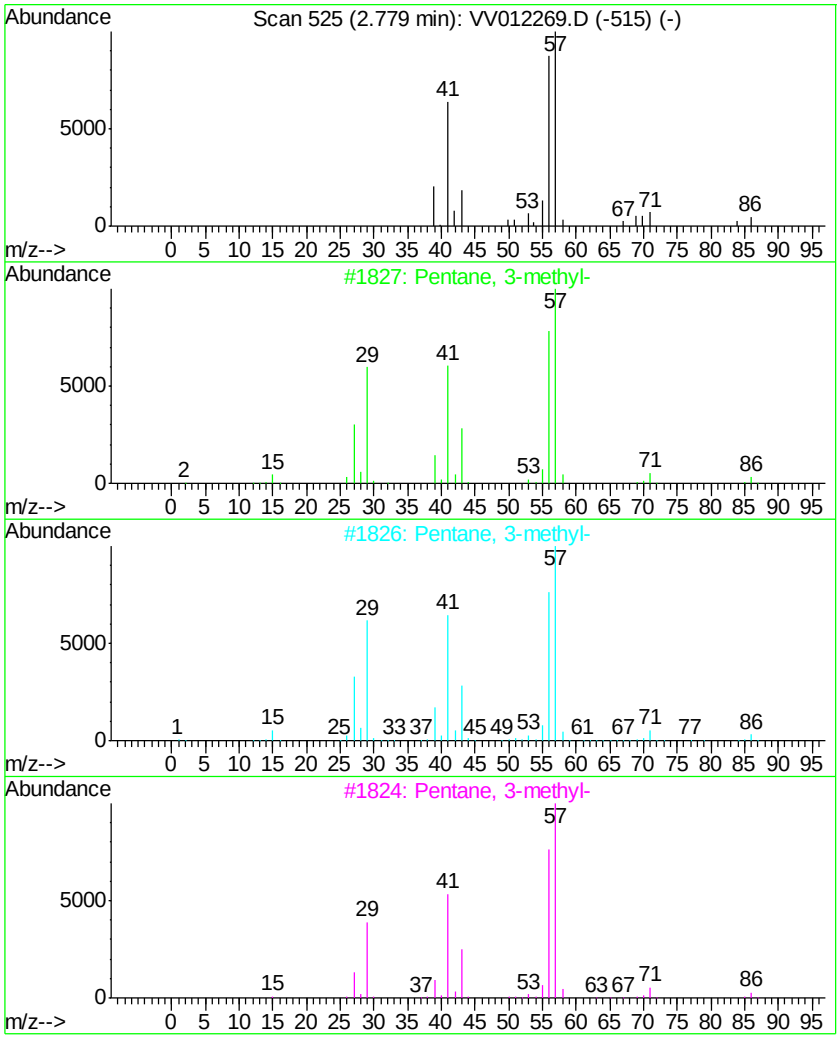
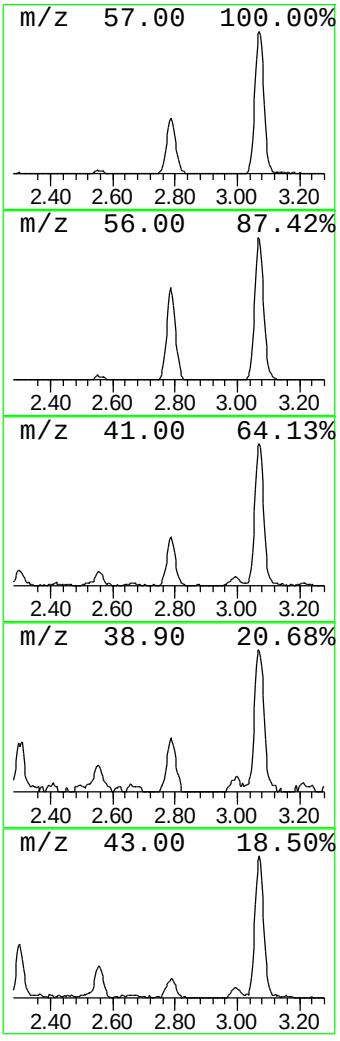
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.56 ug/L	46329	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





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Operator : SY/MD
Sample : K4337-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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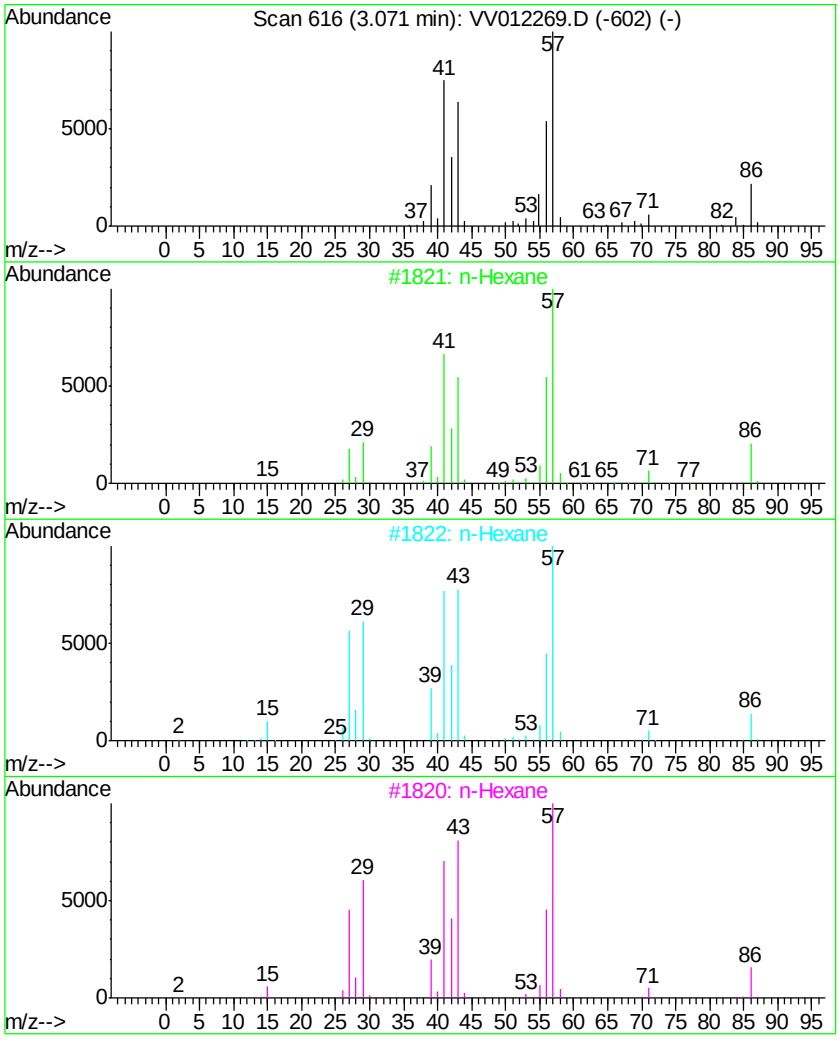
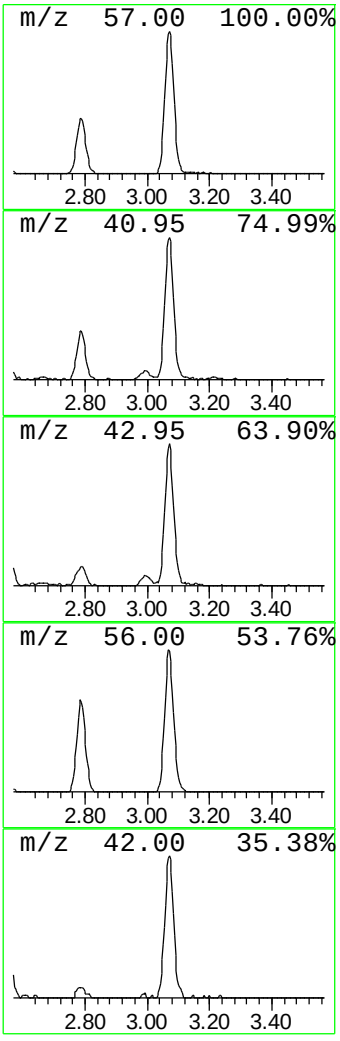
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	1.69 ug/L	139263	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	45
4	Cyclobutane	56	C4H8	000287-23-0	43
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	43





Library Search Compound Report

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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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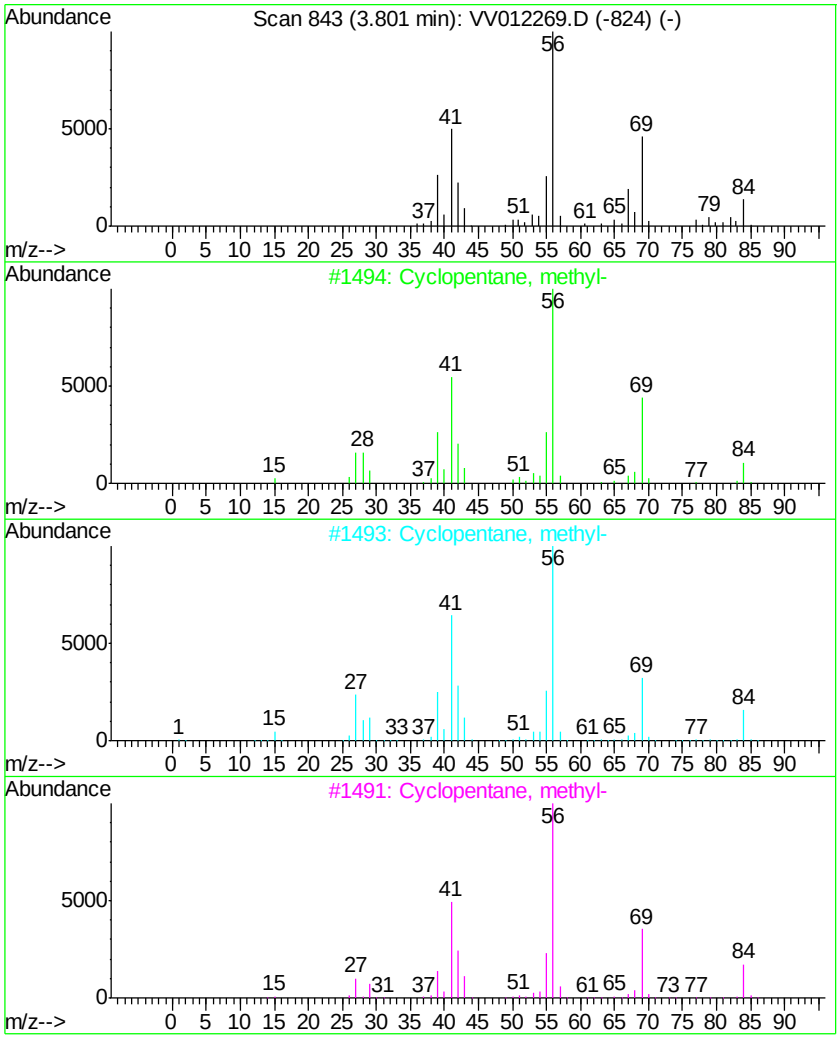
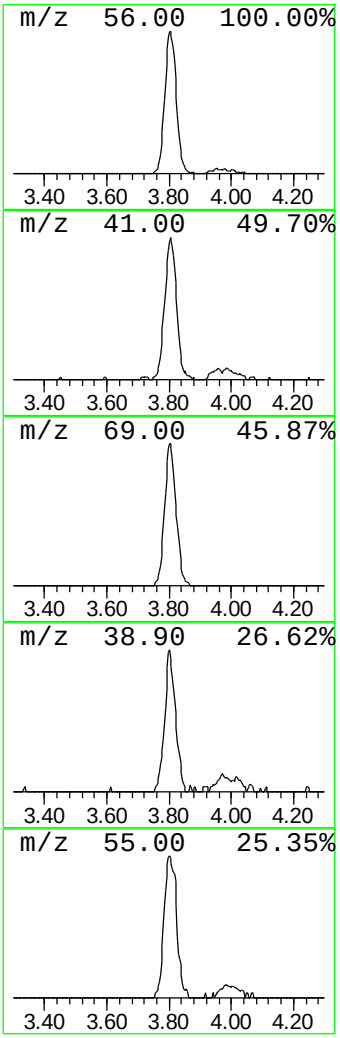
Peak Number 4 (DEL) Alkane: Cyclic3.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	1.50 ug/L	123427	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	68
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081619\
Data File : VV012269.D
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.30	0.6	ug/L	45636	1	5.66	411632	5.0
(DEL) Alkane: Str...	2.78	0.6	ug/L	46329	1	5.66	411632	5.0
(DEL) Alkane: Str...	3.07	1.7	ug/L	139263	1	5.66	411632	5.0
(DEL) Alkane: Cyc...	3.80	1.5	ug/L	123427	1	5.66	411632	5.0