LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068696.D
Acq On : 26 Sep 2021 5:19
Operator : JC/MD
Sample : M3895-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 210922099-02-VOA

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\624N092521W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN068696.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.236	82	92	112	rVB	78752	132462	1.91%	0.620%
2	4.293	836	859	892	rBV3	43947	134011	1.93%	0.627%
3	4.578	927	965	997	rBV2	30781	110331	1.59%	0.517%
4	5.361	1217	1257	1306	rBV2	965166	3510909	50.64%	16.438%
5	7.313	1953	1985	2010	rBV	2492871	6932751	100.00%	32.459%
6	7.681	2094	2122	2162	rBV2	818822	2395812	34.56%	11.217%
7	8.440	2379	2405	2427	rBV2	274846	699910	10.10%	3.277%
8	8.534	2428	2440	2458	rVB3	49911	116786	1.68%	0.547%
9	8.968	2584	2602	2627	rBV	459957	1012090	14.60%	4.739%
10	10.330	3086	3110	3132	rBV3	34101	80760	1.16%	0.378%
11	10.443	3135	3152	3168	rBV	737431	1382318	19.94%	6.472%
12	10.542	3183	3189	3206	rVB2	63431	103357	1.49%	0.484%
13	10.945	3325	3339	3358	rBV2	41876	81741	1.18%	0.383%
14	11.747	3619	3638	3653	rBV2	651207	1218681	17.58%	5.706%
15	11.956	3695	3716	3742	rBV	213006	445287	6.42%	2.085%
16	12.283	3824	3838	3863	rBV3	134263	268004	3.87%	1.255%
17	12.731	3993	4005	4027	rVB2	452872	797536	11.50%	3.734%
18	13.224	4173	4189	4197	rBV4	35025	69990	1.01%	0.328%
19	13.369	4229	4243	4260	rVB3	81207	144163	2.08%	0.675%
20	13.495	4273	4290	4304	rBV4	74486	139574	2.01%	0.653%
21	13.699	4355	4366	4378	rBV6	101947	178058	2.57%	0.834%
22	13.769	4378	4392	4411	rVB2	181571	345252	4.98%	1.616%
23	13.879	4423	4433	4465	rVB2	93457	205636	2.97%	0.963%
24	14.147	4520	4533	4545	rBV7	38878	88607	1.28%	0.415%
25	14.329	4585	4601	4620	rVB7	33106	107901	1.56%	0.505%
26	14.560	4663	4687	4706	rBV2	266426	553669	7.99%	2.592%
27	14.911	4807	4818	4842	rVB2	37382	102651	1.48%	0.481%

Sum of corrected areas: 21358247

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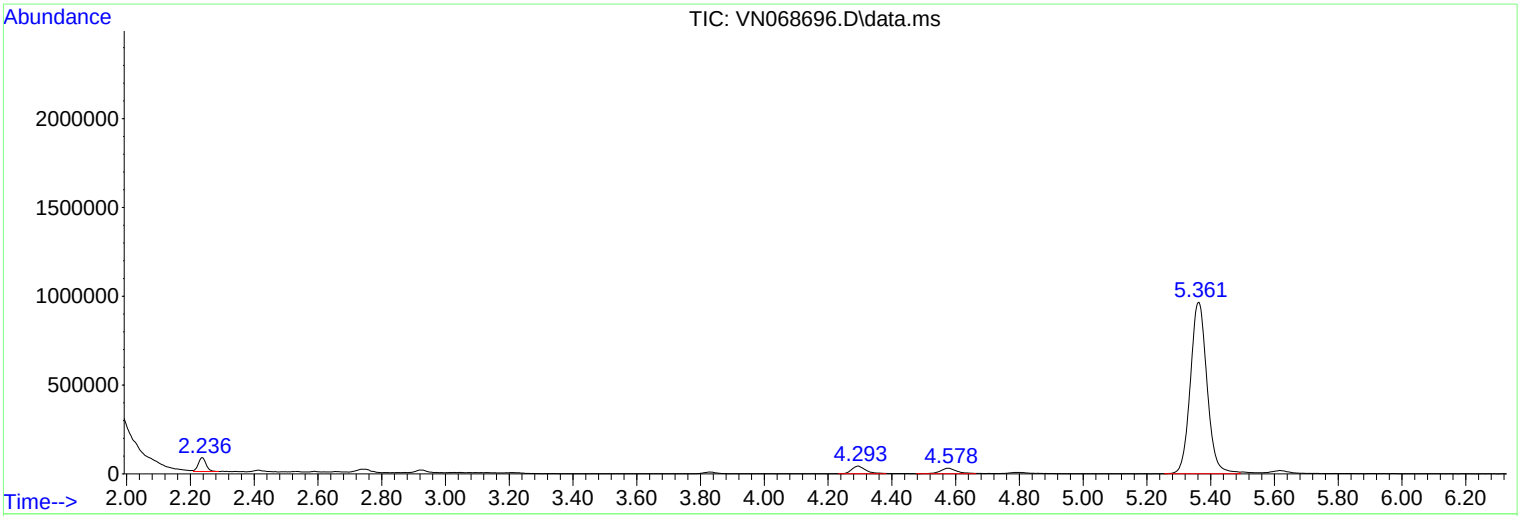
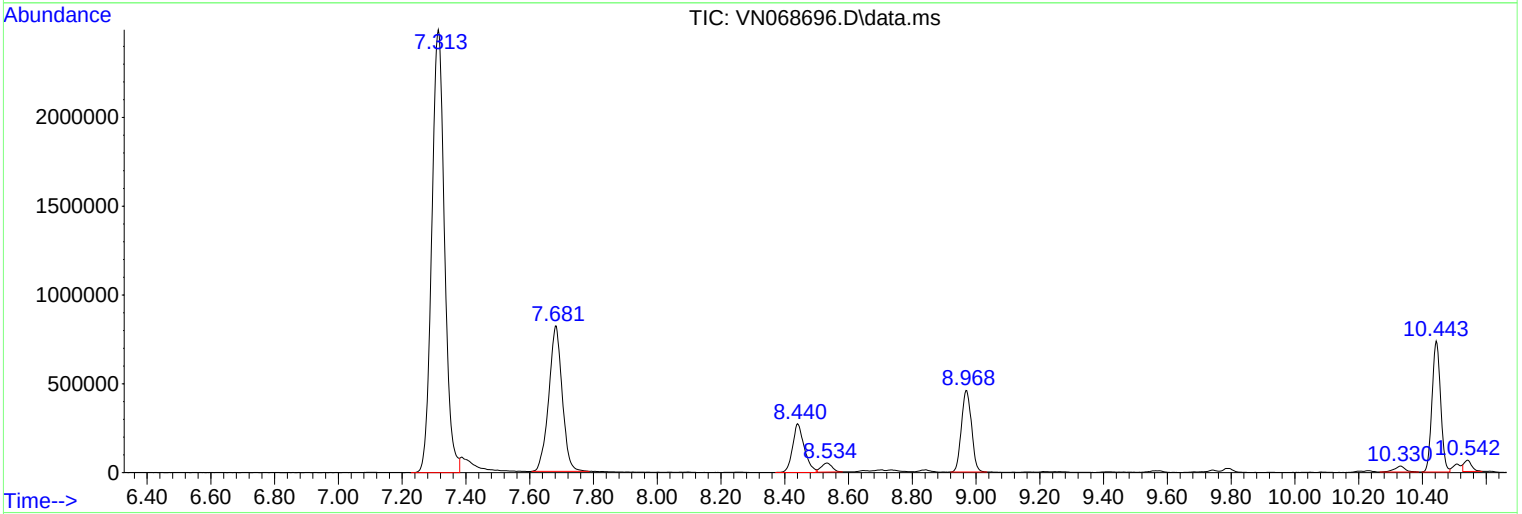
ALS Vial : 43 Sample Multiplier: 1

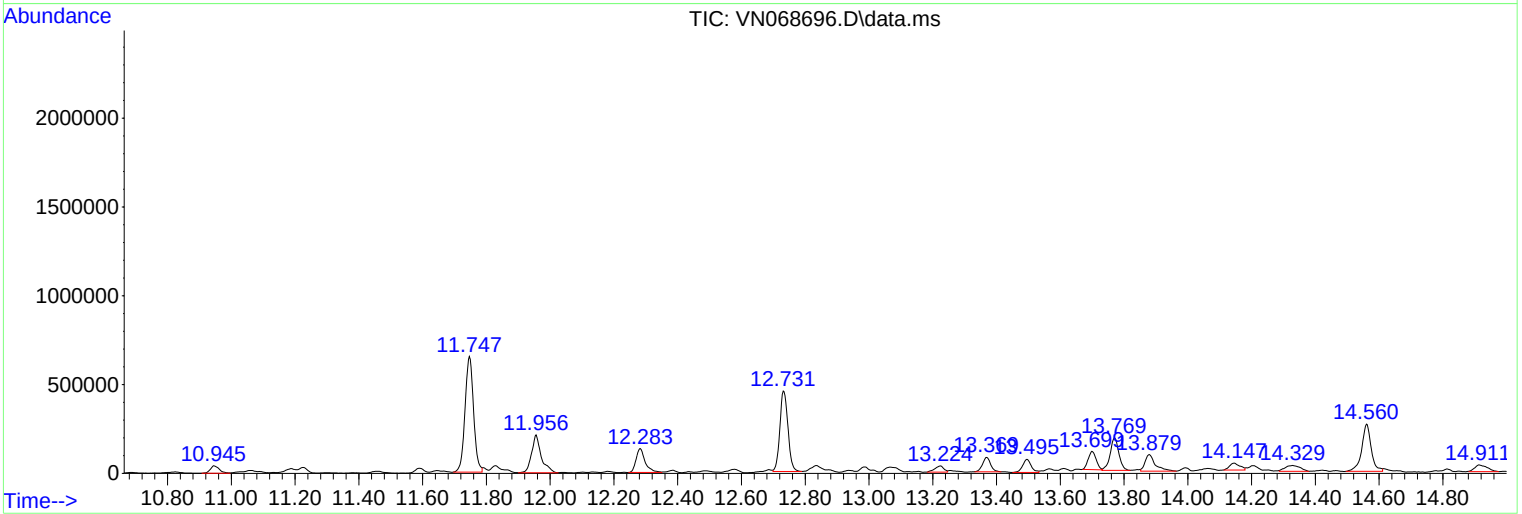
Instrument :
MSVOA_N
ClientSampleId :
210922099-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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ClientSampleId :
210922099-02-VOA

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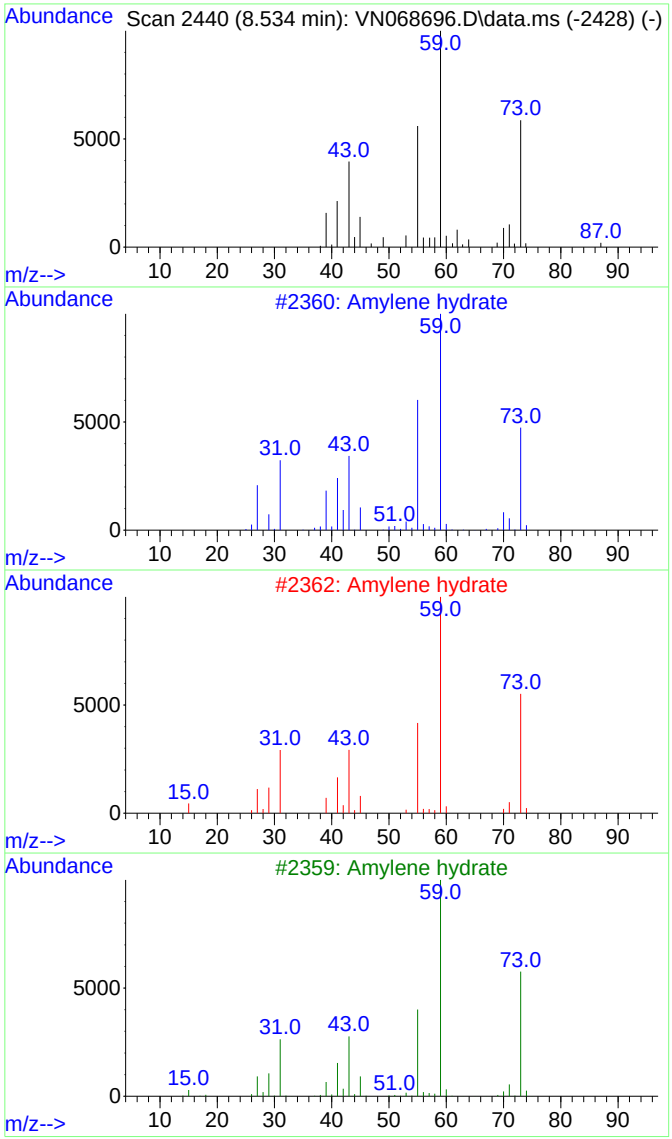
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

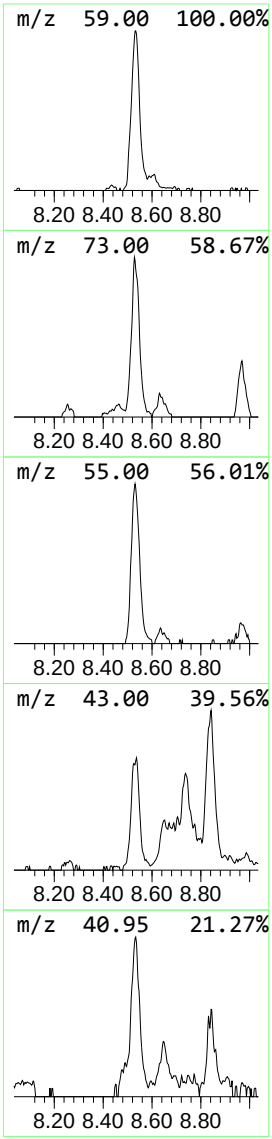
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Amylene hydrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.534	3.46 ug/l	116786	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	72
2	Amylene hydrate	88	C5H12O	000075-85-4	56
3	Amylene hydrate	88	C5H12O	000075-85-4	56
4	Amylene hydrate	88	C5H12O	000075-85-4	50
5	Amylene hydrate	88	C5H12O	000075-85-4	40





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Acq On : 26 Sep 2021 5:19
Operator : JC/MD
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
210922099-02-VOA

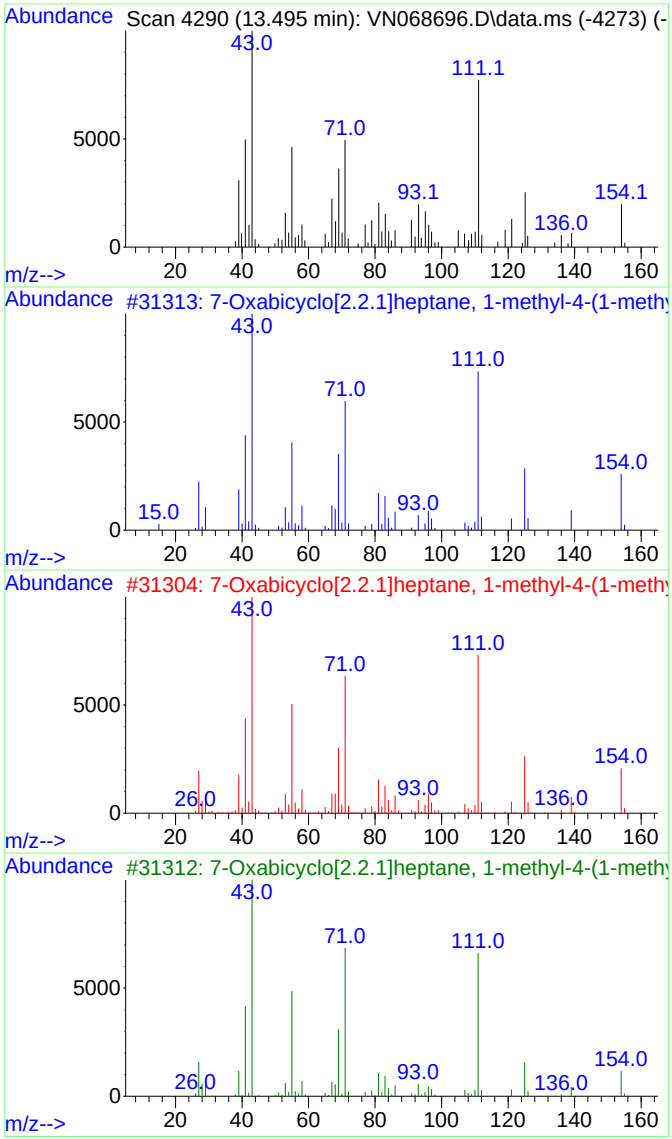
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

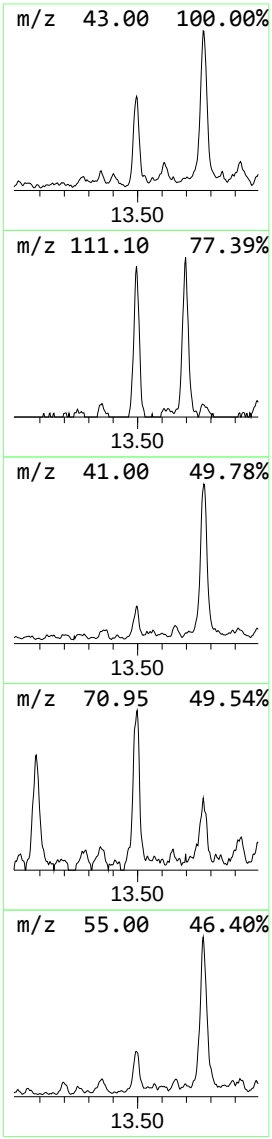
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.495	3.44 ug/l	139574	Chlorobenzene-d5	11.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	70
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	60
5	Tetrahydrocarvone	154	C10H18O	000499-70-7	43





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Instrument : MSVOA_N
ClientSampleId : 210922099-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
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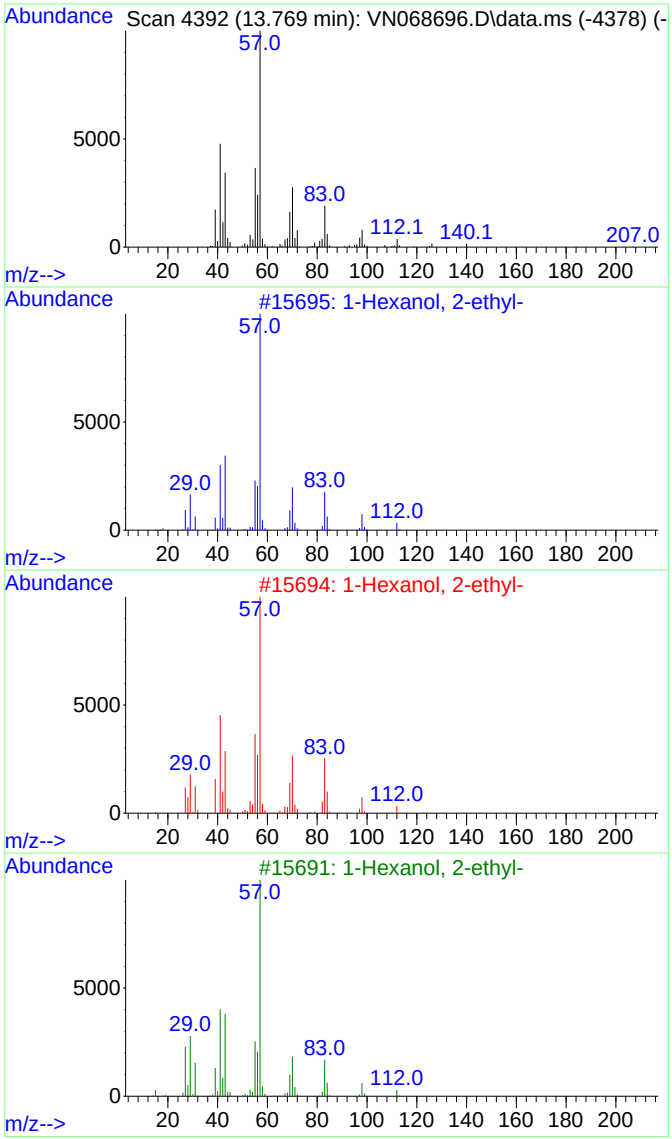
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

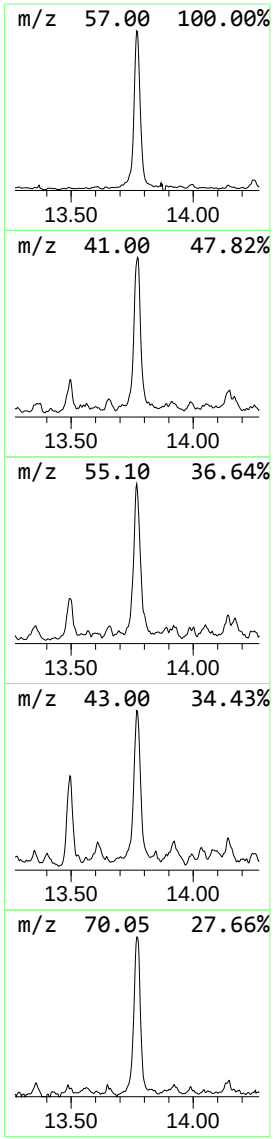
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	8.50 ug/l	345252	Chlorobenzene-d5	11.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





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Data File : VN068696.D
Acq On : 26 Sep 2021 5:19
Operator : JC/MD
Sample : M3895-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
210922099-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

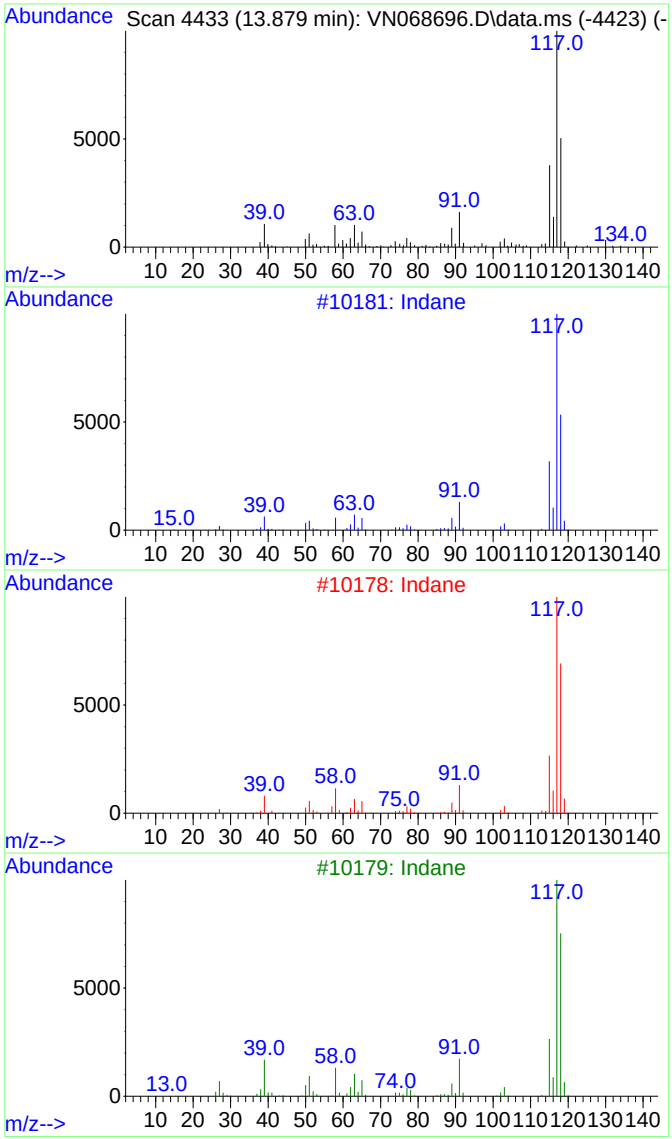
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

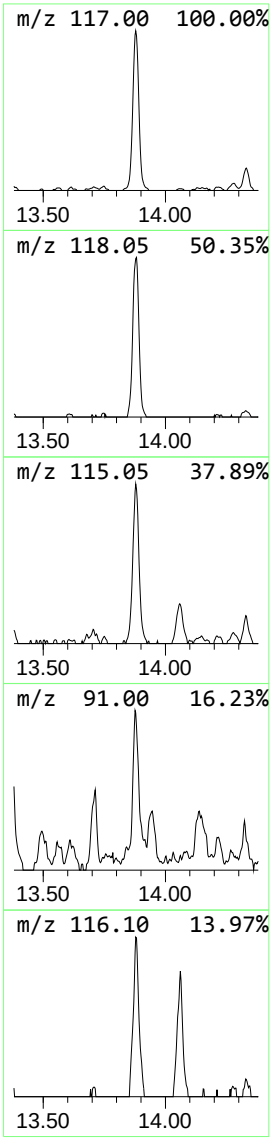
****

Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	5.06 ug/l	205636	Chlorobenzene-d5	11.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	87
4	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	64
5	Indane	118	C9H10	000496-11-7	60





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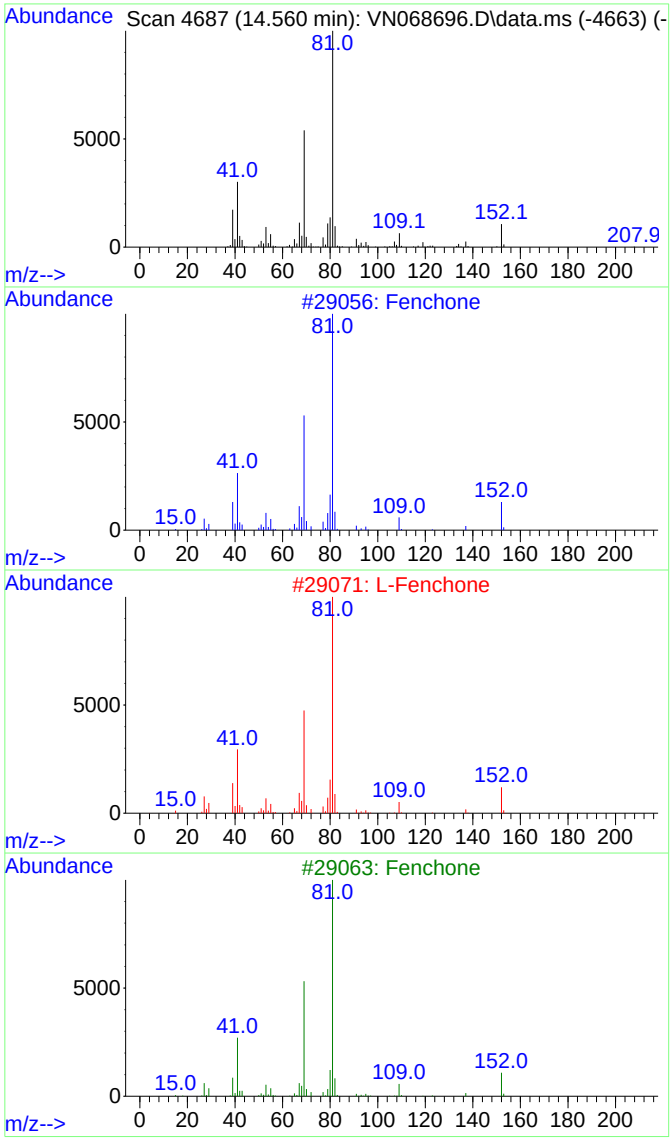
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

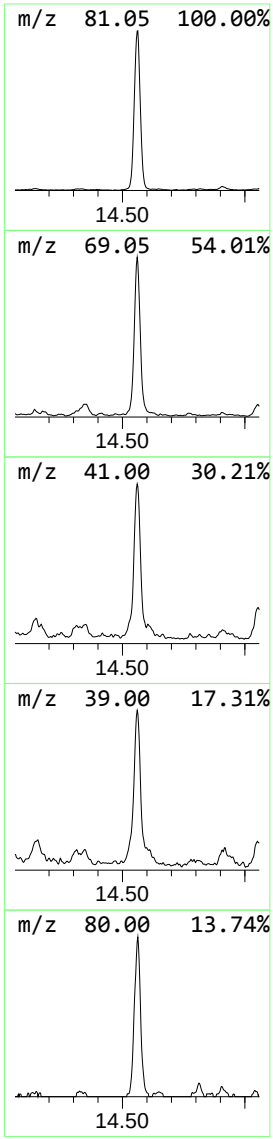
****

Peak Number 6 Fenchone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.560	13.63 ug/l	553669	Chlorobenzene-d5	11.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	L-Fenchone	152	C10H16O	007787-20-4	94
3	Fenchone	152	C10H16O	001195-79-5	93
4	L-Fenchone	152	C10H16O	007787-20-4	87
5	D-Fenchone	152	C10H16O	004695-62-9	87





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene hydrate	8.534	3.5	ug/l	116786	2	8.968	1012090	30.0
7-Oxabicyclo[2....	13.495	3.4	ug/l	139574	3	11.747	1218680	30.0
1-Hexanol, 2-et...	13.769	8.5	ug/l	345252	3	11.747	1218680	30.0
Indane	13.879	5.1	ug/l	205636	3	11.747	1218680	30.0
Fenchone	14.560	13.6	ug/l	553669	3	11.747	1218680	30.0