LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062559.D
Acq On : 20 Jul 2020 14:05
Operator : JC/MD
Sample : L3331-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE-(JULY)

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\624N071320W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.777	599	623	669	rBV	1000194	2629282	100.00%	35.910%
2	4.021	680	699	742	rBV	360791	1026880	39.06%	14.025%
3	6.796	1544	1562	1575	rBV3	9707	29086	1.11%	0.397%
4	7.153	1653	1673	1702	rBV2	101637	276160	10.50%	3.772%
5	7.989	1917	1933	1962	rBV	107791	254161	9.67%	3.471%
6	8.551	2092	2108	2125	rBV	222589	463348	17.62%	6.328%
7	10.059	2563	2577	2588	rBV	349119	646064	24.57%	8.824%
8	10.124	2588	2597	2616	rVV	361986	667937	25.40%	9.122%
9	11.381	2975	2988	3007	rBV	316733	558445	21.24%	7.627%
10	12.107	3203	3214	3230	rBV4	15587	28772	1.09%	0.393%
11	12.378	3285	3298	3319	rBV	219586	377518	14.36%	5.156%
12	12.918	3456	3466	3478	rBV3	16427	26360	1.00%	0.360%
13	12.992	3478	3489	3504	rVB5	13063	26457	1.01%	0.361%
14	13.114	3504	3527	3546	rBV4	39590	106888	4.07%	1.460%
15	13.265	3563	3574	3583	rBV2	22221	35132	1.34%	0.480%
16	13.378	3598	3609	3618	rVV7	24377	57445	2.18%	0.785%
17	13.429	3618	3625	3643	rVB2	15848	29621	1.13%	0.405%
18	14.619	3985	3995	4008	rBV	51159	82352	3.13%	1.125%

Sum of corrected areas: 7321908

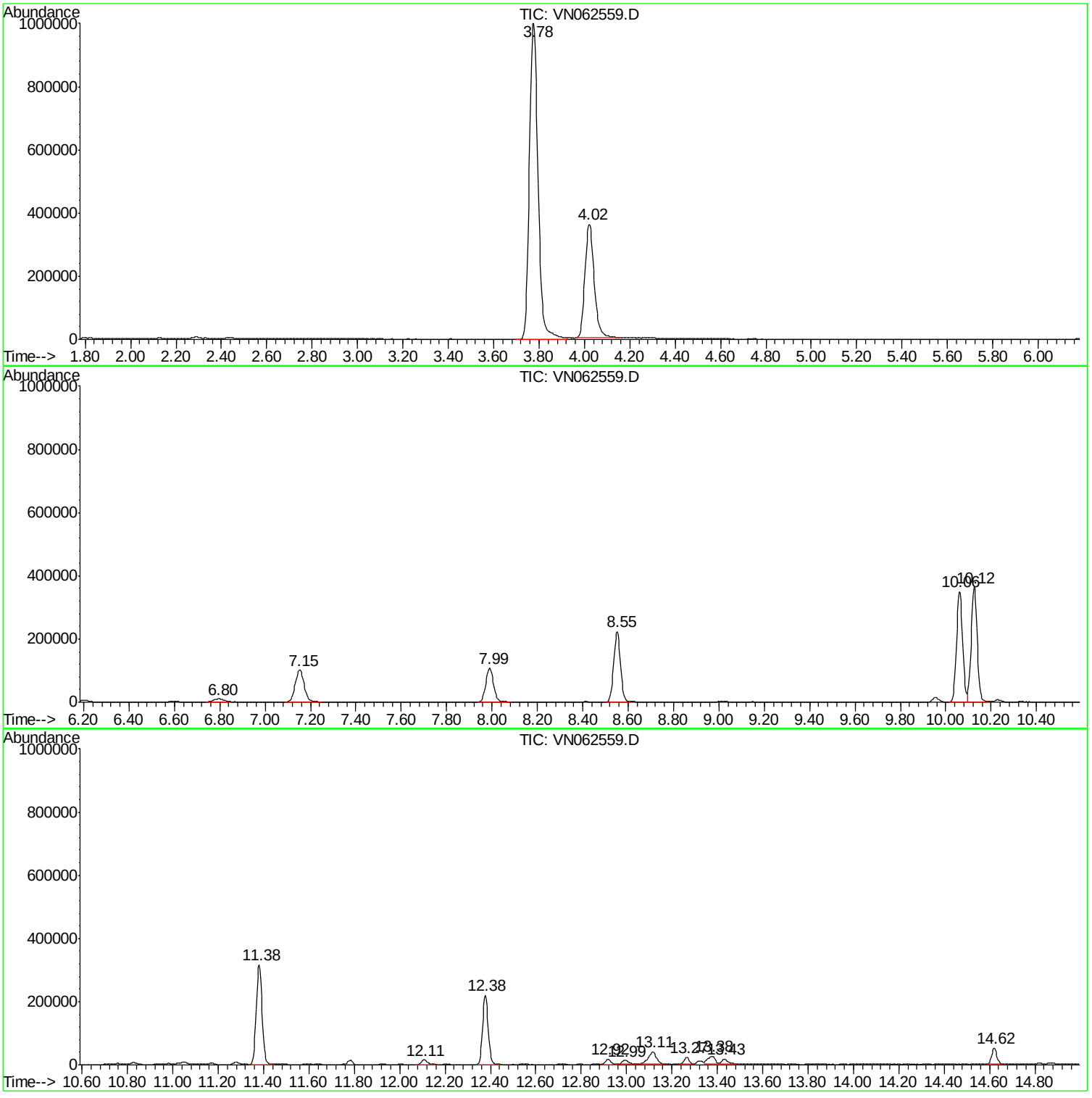
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062559.D
Acq On : 20 Jul 2020 14:05
Operator : JC/MD
Sample : L3331-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE-(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062559.D
Acq On : 20 Jul 2020 14:05
Operator : JC/MD
Sample : L3331-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE-(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

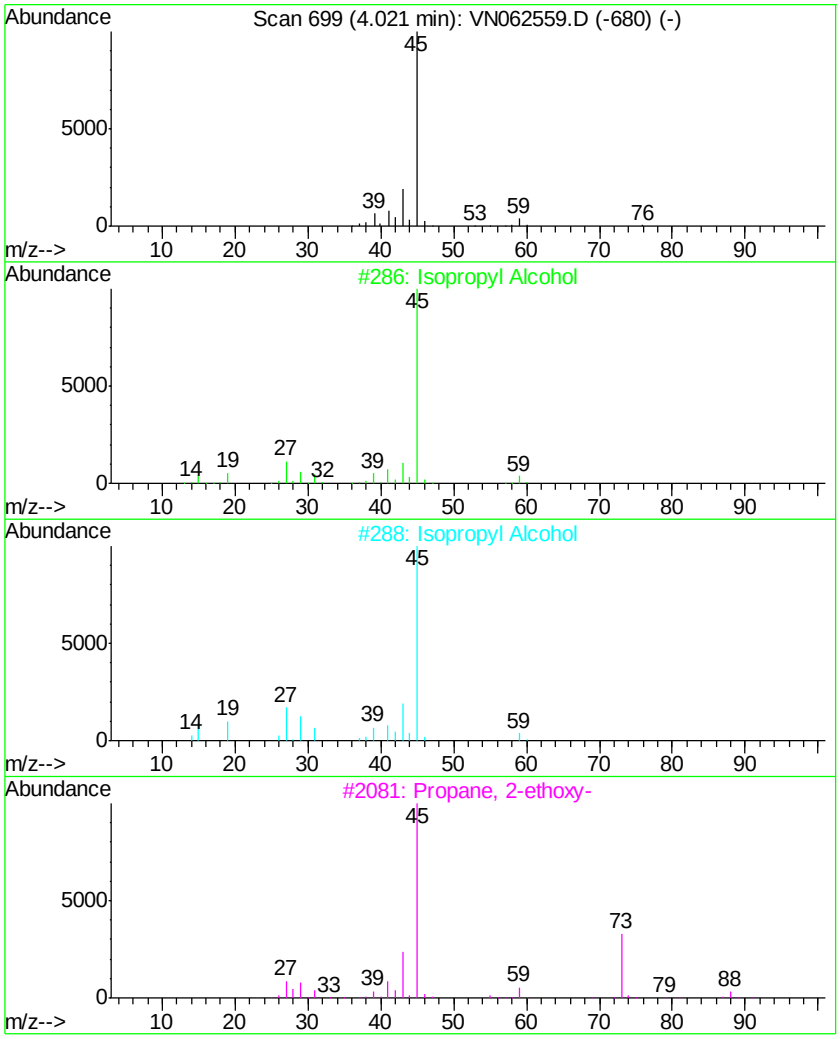
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

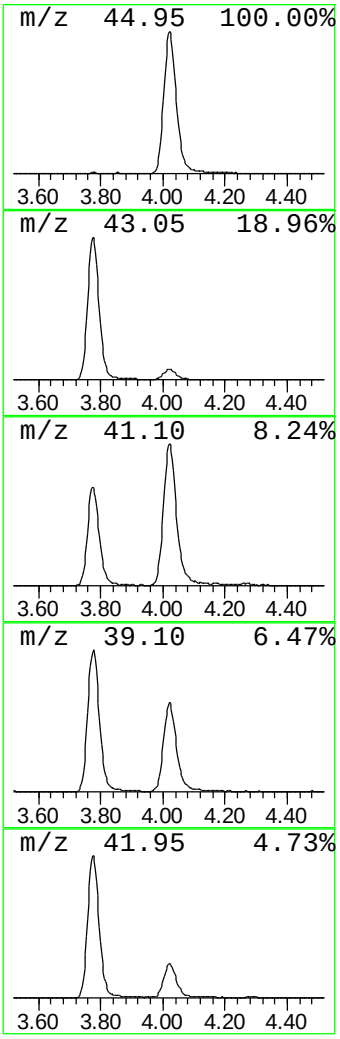
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	111.55 ug/l	1026880	Bromochloromethane	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	2-Pentanol	88	C5H12O	006032-29-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062559.D
Acq On : 20 Jul 2020 14:05
Operator : JC/MD
Sample : L3331-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE-(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

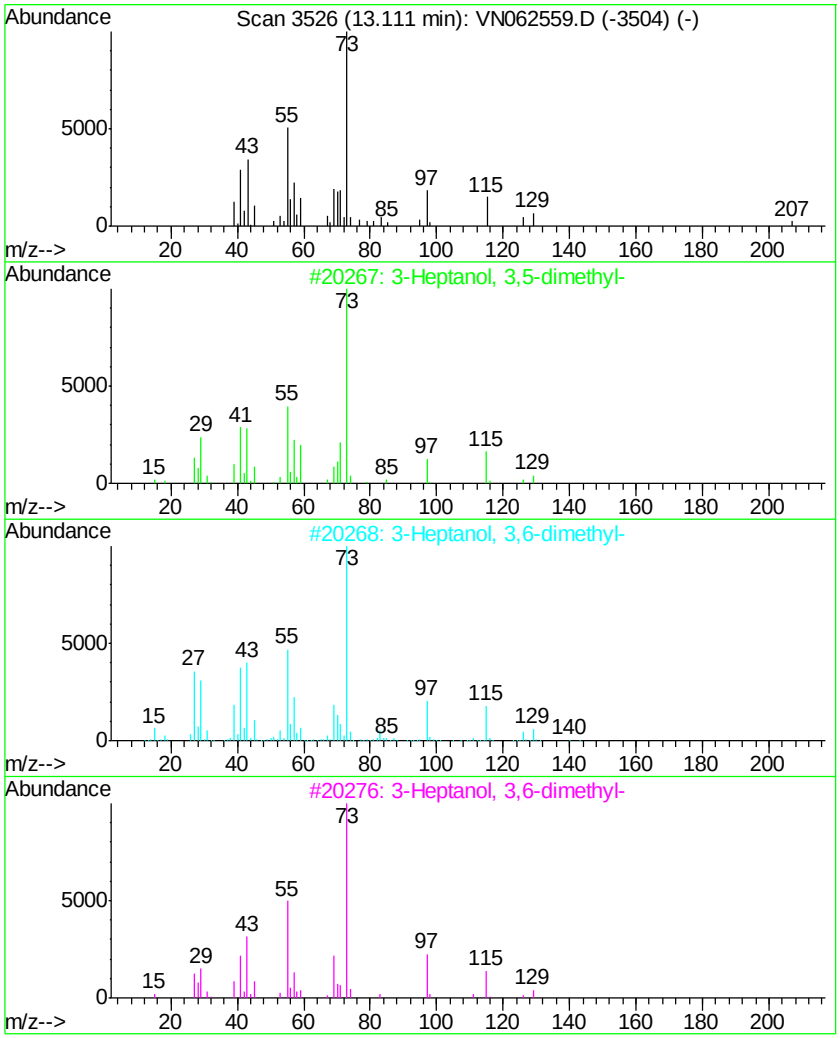
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

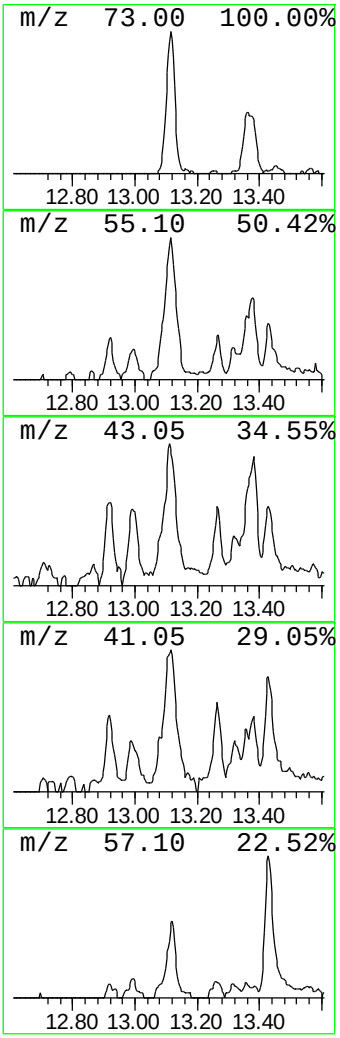
****

Peak Number 2 3-Heptanol, 3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	5.74 ug/l	106888	Chlorobenzene-d5	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	72
2	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	59
3	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	50
4	3-Octanol, 3-methyl-	144	C9H20O	005340-36-3	37
5	2-Ethyl-3-ketovalerate, bis(trim...	288	C13H28O3Si2	1000079-66-1	17





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062559.D
Acq On : 20 Jul 2020 14:05
Operator : JC/MD
Sample : L3331-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE-(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

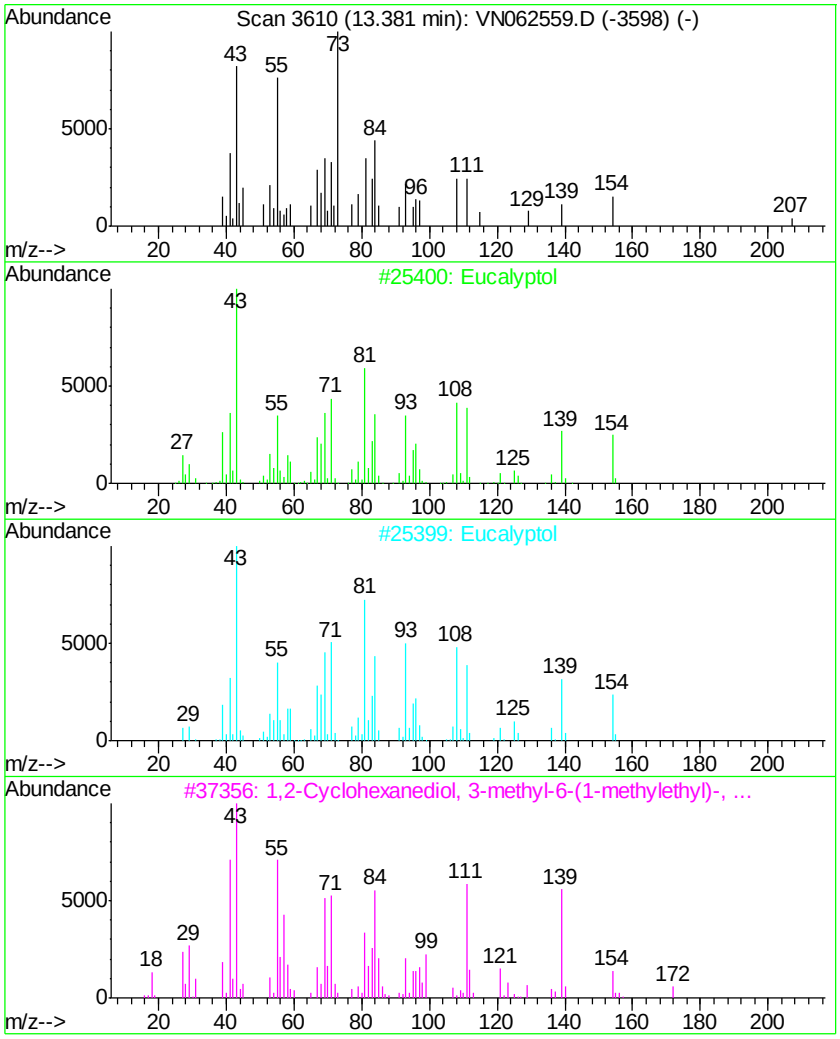
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

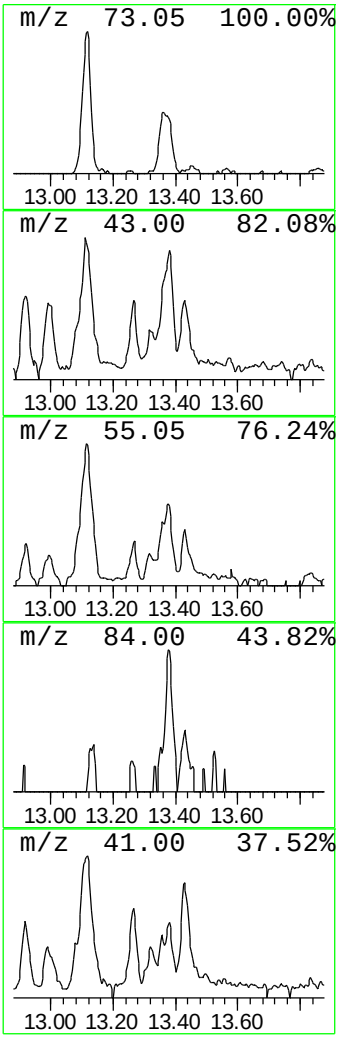
****

Peak Number 3 unknown13.38 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.09 ug/l	57445	Chlorobenzene-d5	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	49
2	Eucalyptol	154	C10H18O	000470-82-6	47
3	1,2-Cyclohexanediol, 3-methyl-6-...	172	C10H20O2	042962-93-6	43
4	Eucalyptol	154	C10H18O	000470-82-6	43
5	Bicyclo[4.1.0]heptan-2-ol, 3,7,7...	154	C10H18O	090026-62-3	41





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062559.D
Acq On : 20 Jul 2020 14:05
Operator : JC/MD
Sample : L3331-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE-(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

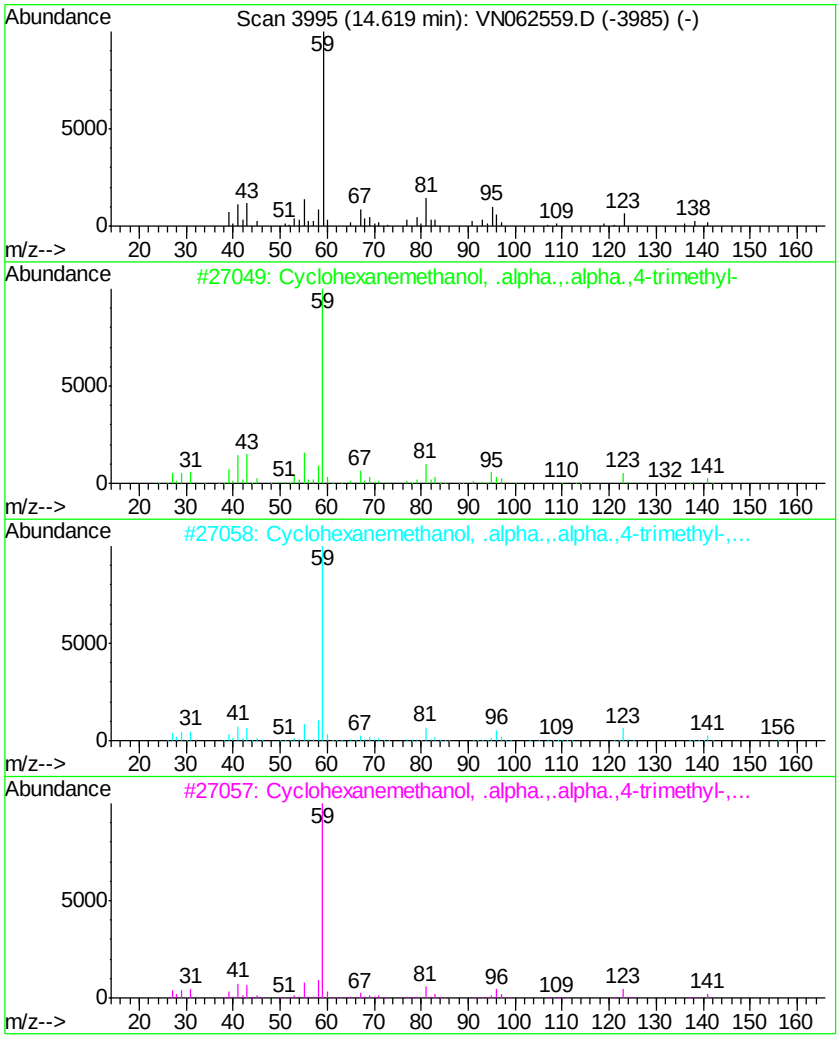
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

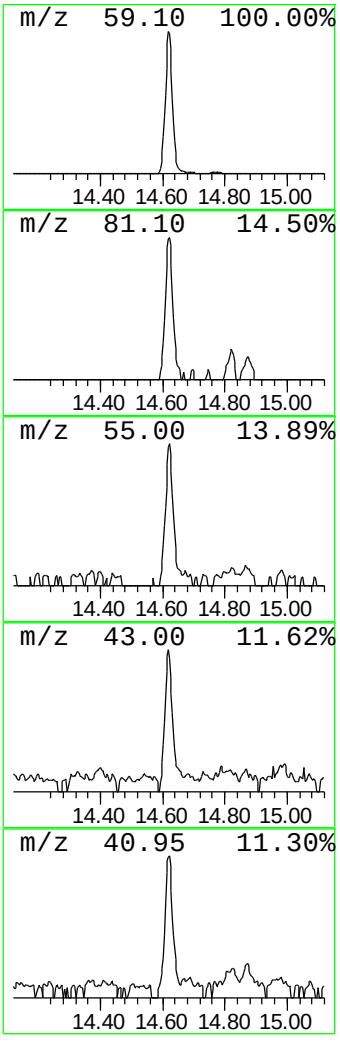
****

Peak Number 4 Cyclohexanemethanol, .alpha... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	4.42 ug/l	82352	Chlorobenzene-d5	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	72
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	72
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	64
4	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	59
5	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062559.D
Acq On : 20 Jul 2020 14:05
Operator : JC/MD
Sample : L3331-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE-(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	4.02	111.6	ug/l	1026880	1	7.15	276160	30.0
3-Heptanol, 3,5-d...	13.11	5.7	ug/l	106888	3	11.38	558445	30.0
unknown13.38	13.38	3.1	ug/l	57445	3	11.38	558445	30.0
Cyclohexanemethan...	14.62	4.4	ug/l	82352	3	11.38	558445	30.0