LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070919\
Data File : VN056625.D
Acq On : 9 Jul 2019 13:20
Operator : JC/SP
Sample : K3643-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(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\624N070319W.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	3.812	614	634	692	rBV	3825288	10062339	100.00%	44.072%
2	4.066	694	713	754	rVV	1525411	4273636	42.47%	18.718%
3	6.841	1559	1576	1600	rBV2	40037	115759	1.15%	0.507%
4	7.194	1667	1686	1714	rBV2	154729	422283	4.20%	1.850%
5	8.027	1928	1945	1967	rBV	154217	356262	3.54%	1.560%
6	8.584	2103	2118	2140	rBV	348518	723681	7.19%	3.170%
7	10.088	2571	2586	2596	rBV	531451	986784	9.81%	4.322%
8	10.153	2596	2606	2631	rVB	838332	1562048	15.52%	6.842%
9	11.407	2980	2996	3013	rBV	455587	804461	7.99%	3.523%
10	11.805	3105	3120	3141	rVB	1207615	1889941	18.78%	8.278%
11	12.400	3293	3305	3328	rVB	343222	615906	6.12%	2.698%
12	12.940	3464	3473	3485	rBV4	88041	143667	1.43%	0.629%
13	13.014	3485	3496	3517	rBV6	41031	140375	1.40%	0.615%
14	13.140	3518	3535	3552	rVB4	98985	265193	2.64%	1.162%
15	13.287	3571	3581	3589	rBV3	71167	112684	1.12%	0.494%
16	13.345	3589	3599	3605	rBV3	92604	166094	1.65%	0.727%
17	14.641	3992	4002	4013	rBV	120692	190350	1.89%	0.834%

Sum of corrected areas: 22831463

LSC Report - Integrated Chromatogram

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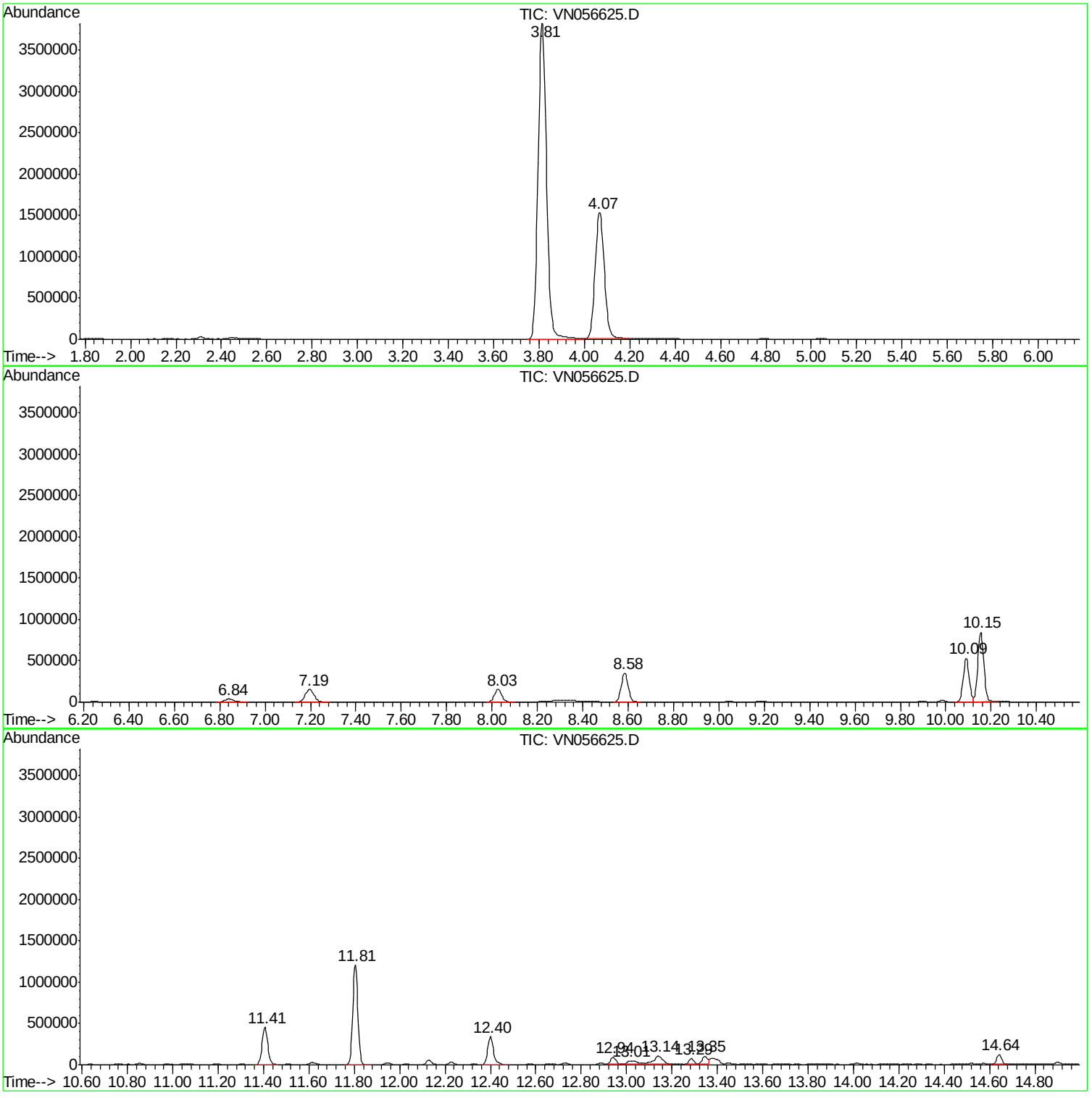
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Data File : VN056625.D
Acq On : 9 Jul 2019 13:20
Operator : JC/SP
Sample : K3643-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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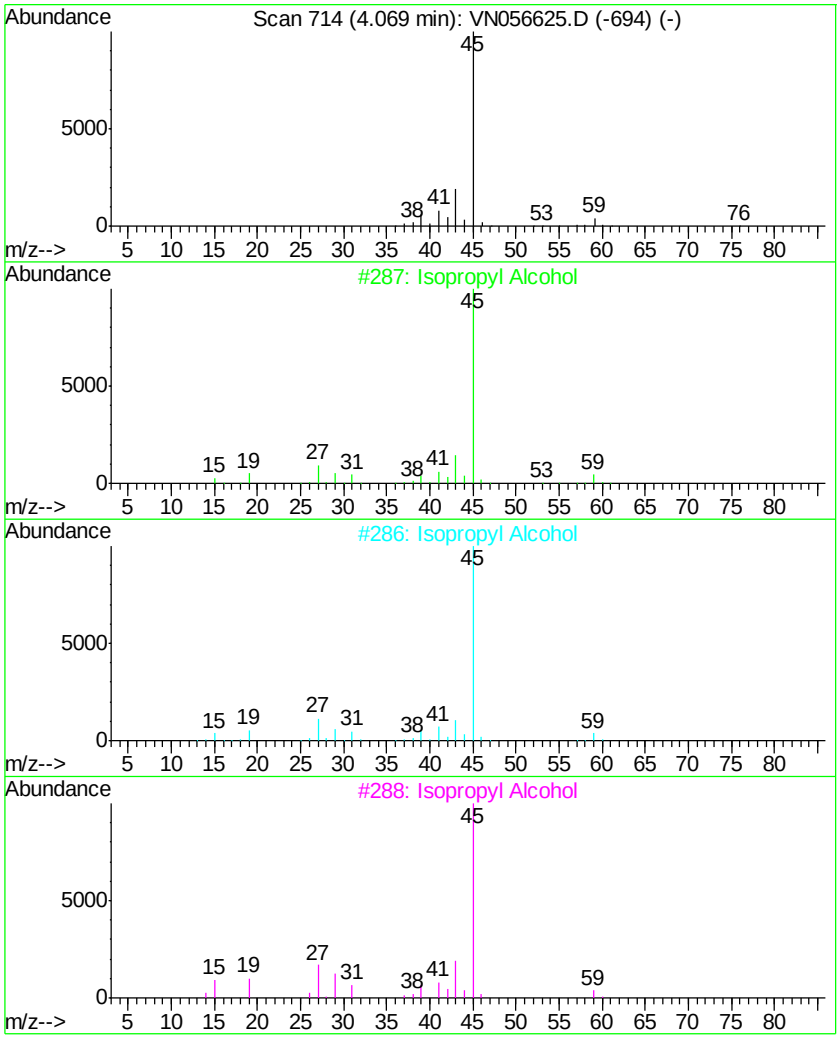
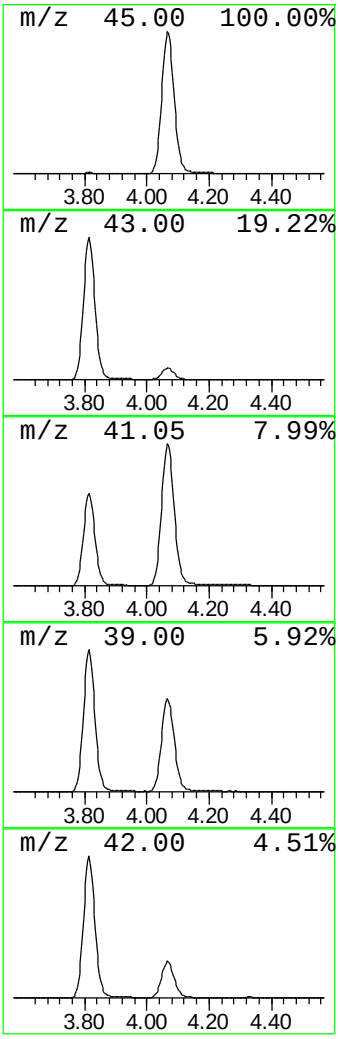
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	303.61 ug/l	4273640	Bromochloromethane	7.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





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Data File : VN056625.D
Acq On : 9 Jul 2019 13:20
Operator : JC/SP
Sample : K3643-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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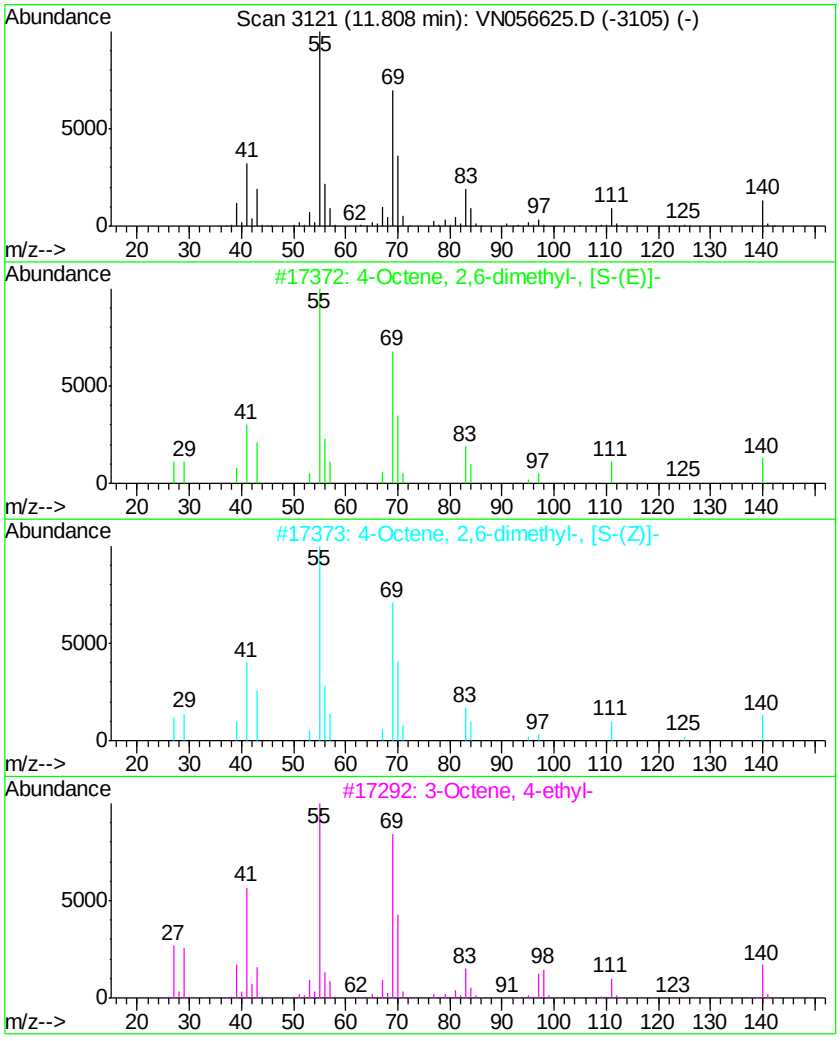
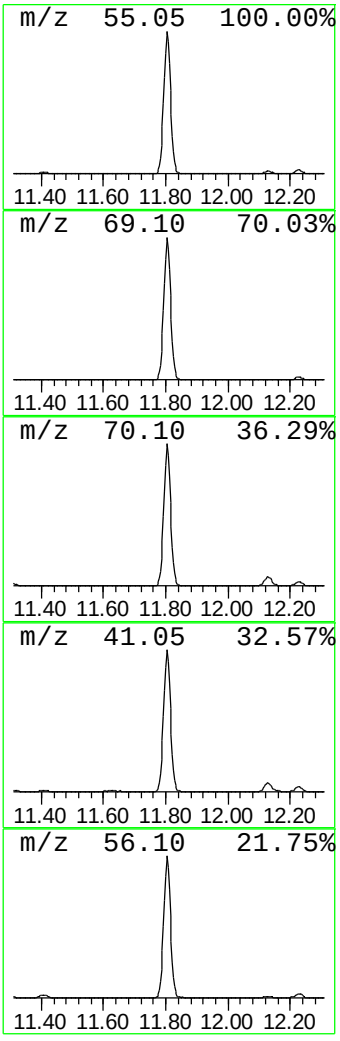
Peak Number 2 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	70.48 ug/l	1889940	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	94
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	81
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	68
4	3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	64
5	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070919\
Data File : VN056625.D
Acq On : 9 Jul 2019 13:20
Operator : JC/SP
Sample : K3643-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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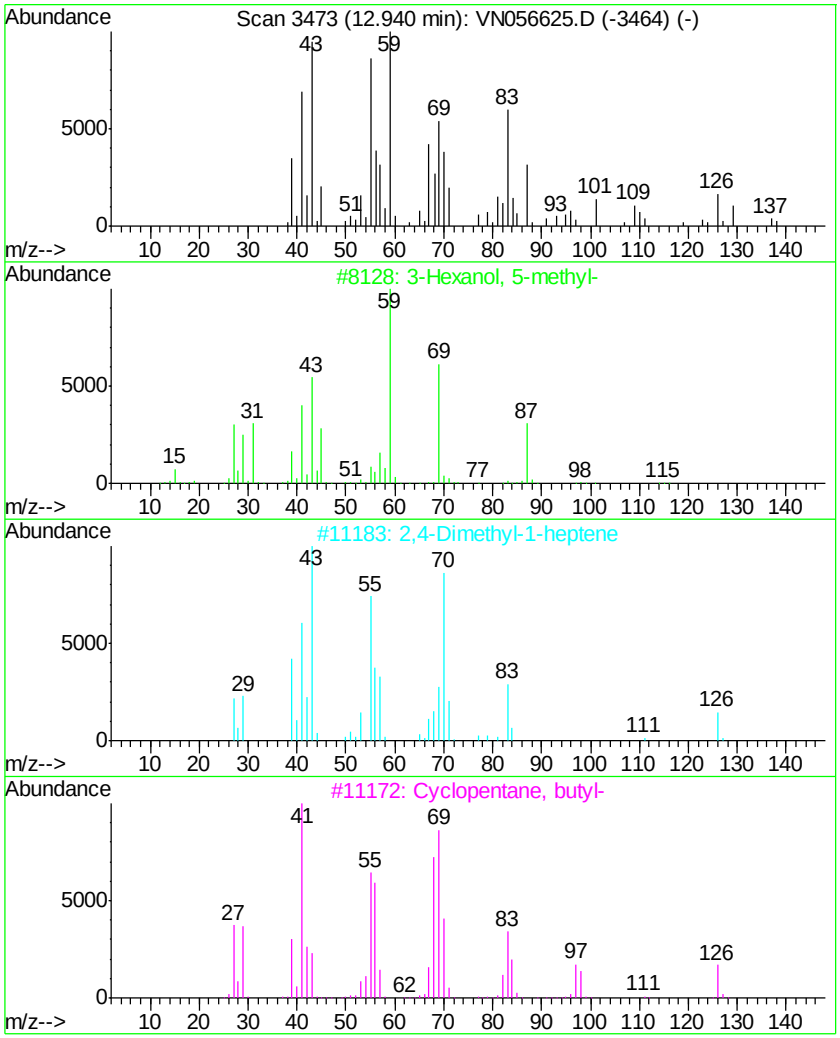
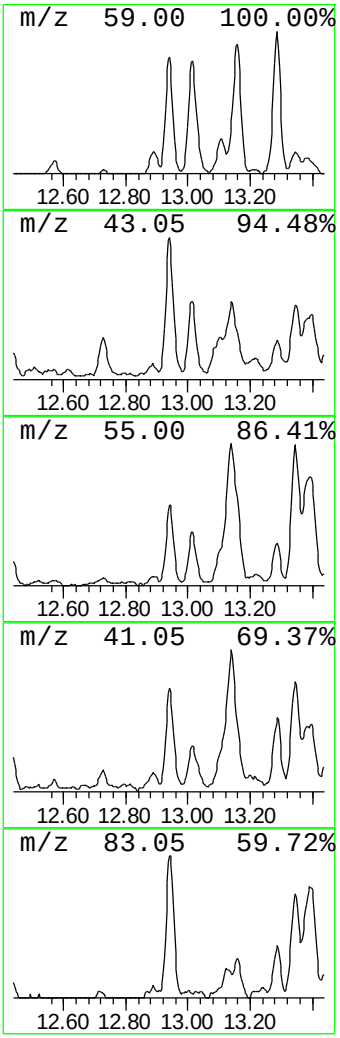
Peak Number 3 unknown12.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	5.36 ug/l	143667	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	22
2	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	18
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	18
4	2-Heptenal, (E)-	112	C7H12O	018829-55-5	18
5	cis-4-Nonene	126	C9H18	010405-84-2	18





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Data File : VN056625.D
Acq On : 9 Jul 2019 13:20
Operator : JC/SP
Sample : K3643-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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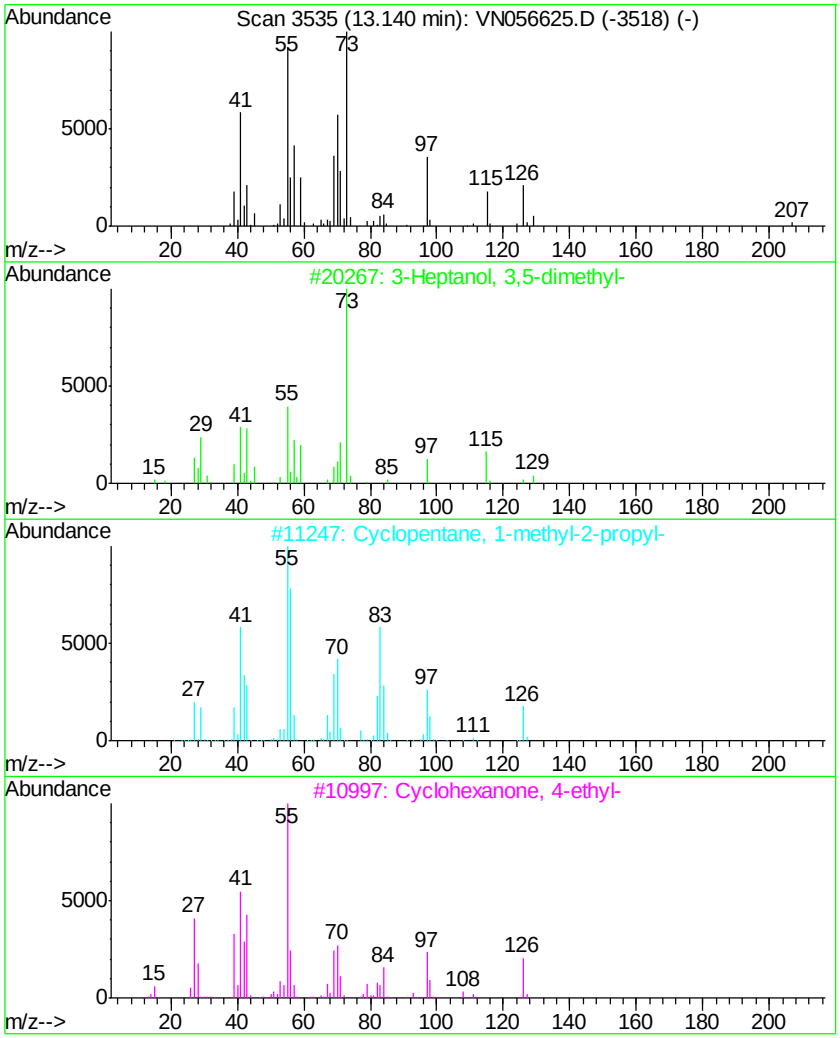
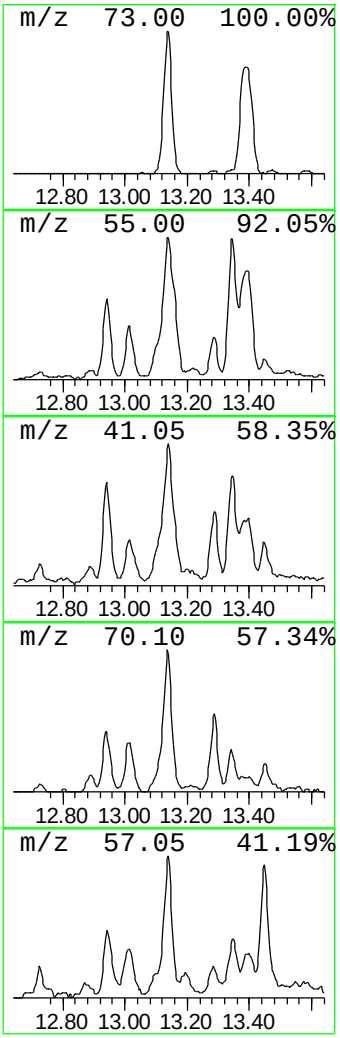
Peak Number 4 unknown13.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	9.89 ug/l	265193	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	43
2	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	38
3	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	37
4	4-Undecene, 3-methyl-, (Z)-	168	C12H24	074645-87-7	32
5	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	27





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Data File : VN056625.D
Acq On : 9 Jul 2019 13:20
Operator : JC/SP
Sample : K3643-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

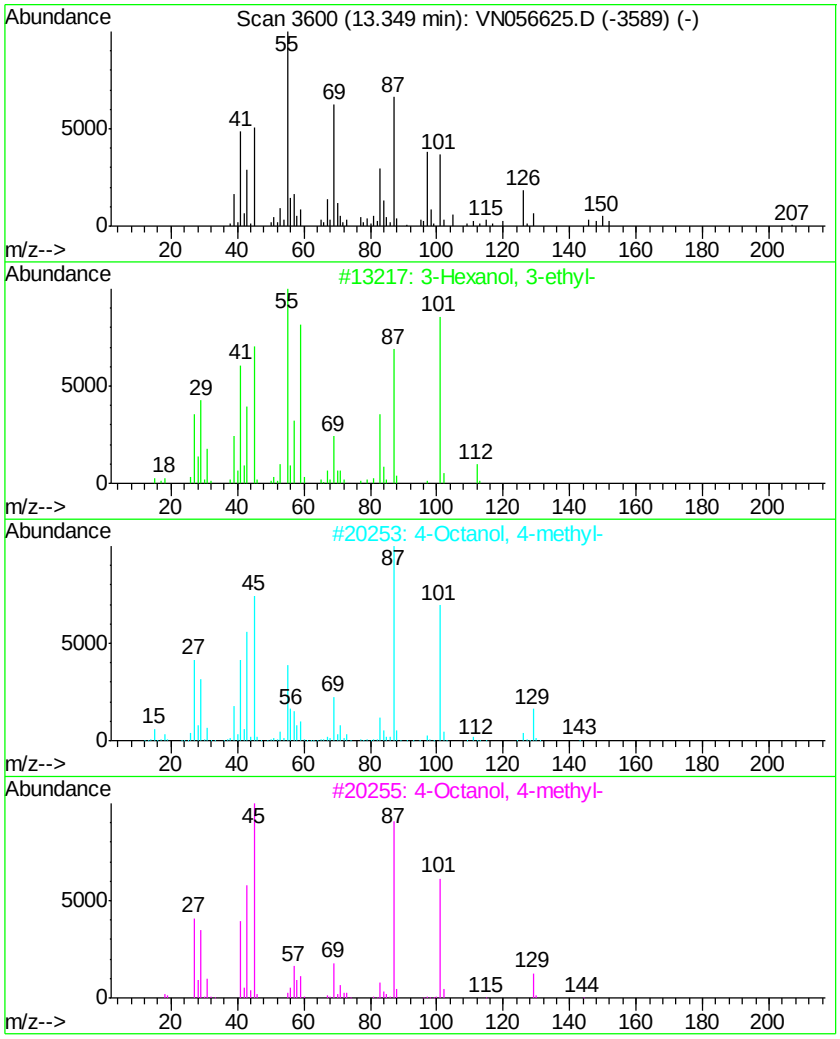
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

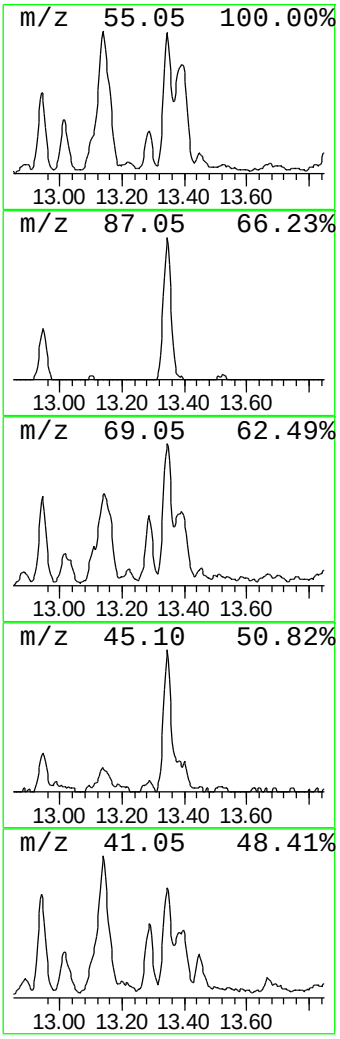
****

Peak Number 5 3-Hexanol, 3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	6.19 ug/l	166094	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-ethyl-	130	C8H18O	000597-76-2	53
2	4-Octanol, 4-methyl-	144	C9H20O	023418-37-3	47
3	4-Octanol, 4-methyl-	144	C9H20O	023418-37-3	43
4	3-Pentanol, 3-ethyl-	116	C7H16O	000597-49-9	35
5	Dimethyl-cyano-phosphine	87	C3H6NP	031641-57-3	27





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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

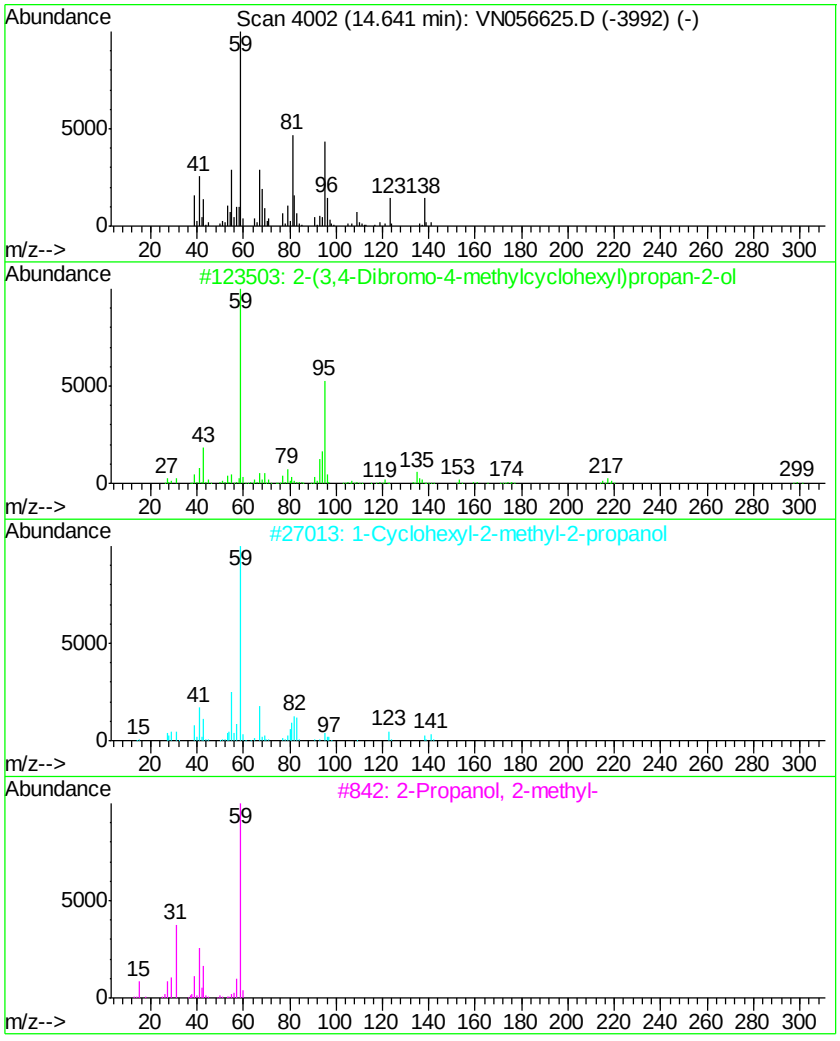
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

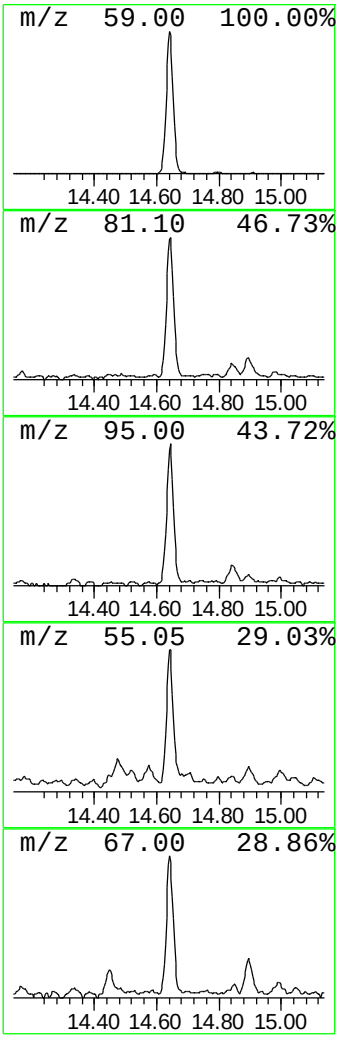
****

Peak Number 6 2-(3,4-Dibromo-4-methylcycl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.10 ug/l	190350	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	50
2	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	40
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	27
4	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	27
5	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	25





Tentatively Identified Compound (LSC) summary

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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	4.07	303.6	ug/l	4273640	1	7.20	422283	30.0
4-Octene, 2,6-dim...	11.81	70.5	ug/l	1889940	3	11.41	804461	30.0
unknown12.94	12.94	5.4	ug/l	143667	3	11.41	804461	30.0
unknown13.14	13.14	9.9	ug/l	265193	3	11.41	804461	30.0
3-Hexanol, 3-ethyl-	13.35	6.2	ug/l	166094	3	11.41	804461	30.0
2-(3,4-Dibromo-4-...	14.64	7.1	ug/l	190350	3	11.41	804461	30.0