

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070919\
 Data File : VN056626.D
 Acq On : 9 Jul 2019 13:43
 Operator : JC/SP
 Sample : K3643-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

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	3.815	613	635	689	rBV	3737913	9829614	100.00%	44.226%
2	4.069	695	714	748	rBV	1512750	4235428	43.09%	19.056%
3	6.841	1554	1576	1607	rBV	37998	113426	1.15%	0.510%
4	7.198	1668	1687	1713	rBV3	146369	394604	4.01%	1.775%
5	8.027	1929	1945	1965	rBV2	140381	330865	3.37%	1.489%
6	8.583	2104	2118	2139	rBV	327886	679290	6.91%	3.056%
7	10.088	2572	2586	2596	rBV	505442	932983	9.49%	4.198%
8	10.156	2596	2607	2630	rVB	851701	1573288	16.01%	7.079%
9	11.406	2982	2996	3017	rBV	428298	771950	7.85%	3.473%
10	11.805	3101	3120	3143	rBV	1200919	1881504	19.14%	8.465%
11	12.400	3293	3305	3327	rVB	324146	579120	5.89%	2.606%
12	12.940	3464	3473	3484	rBV3	87085	146242	1.49%	0.658%
13	13.139	3518	3535	3555	rVB5	98081	274679	2.79%	1.236%
14	13.287	3570	3581	3589	rBV	68756	107592	1.09%	0.484%
15	13.345	3589	3599	3605	rBV2	90253	161509	1.64%	0.727%
16	14.641	3992	4002	4013	rBV2	129752	213897	2.18%	0.962%

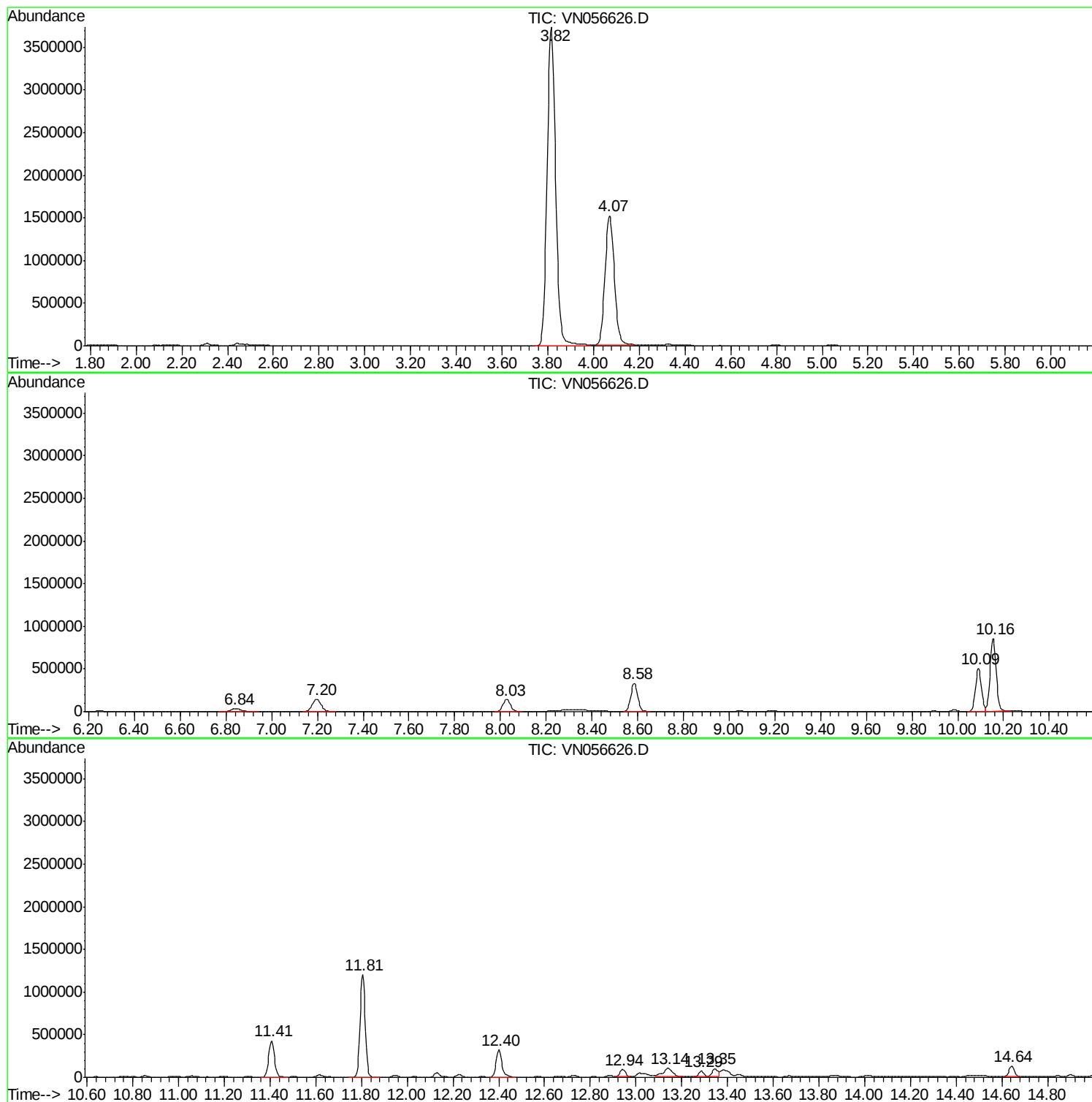
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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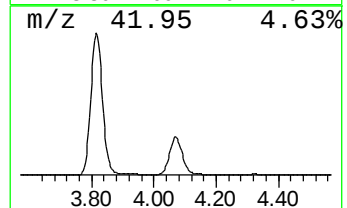
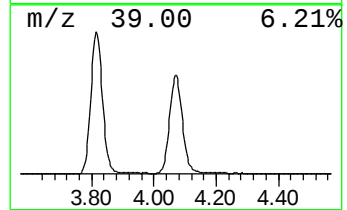
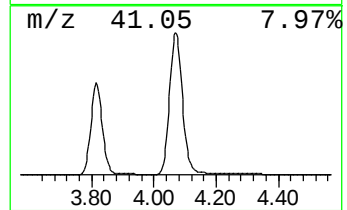
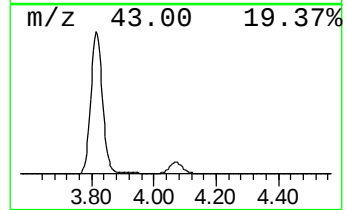
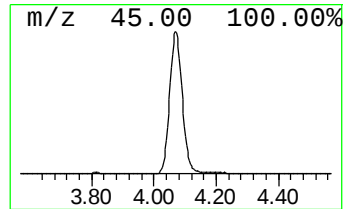
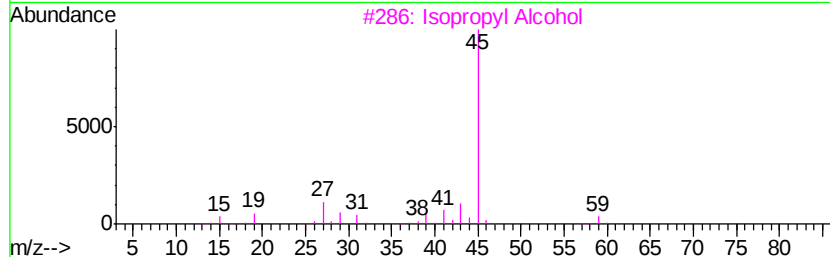
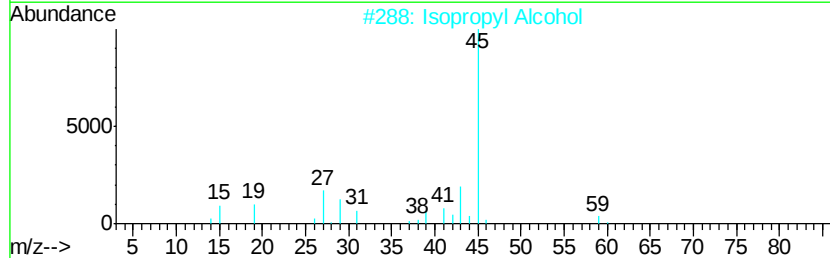
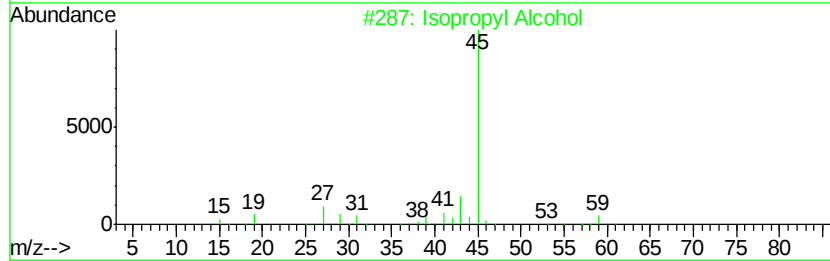
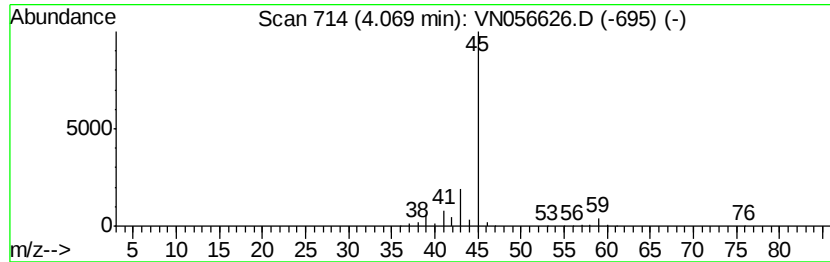
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	322.00 ug/l	4235430	Bromochloromethane	7.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl	Alcohol	60	C3H8O	000067-63-0	90
2	Isopropyl	Alcohol	60	C3H8O	000067-63-0	83
3	Isopropyl	Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, 1,2-dimethyl-		60	C2H8N2	000540-73-8	9
5	Hydrazine, ethyl-		60	C2H8N2	000624-80-6	9



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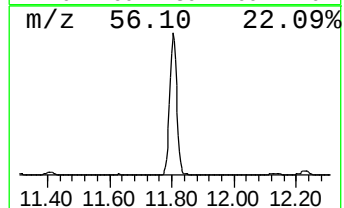
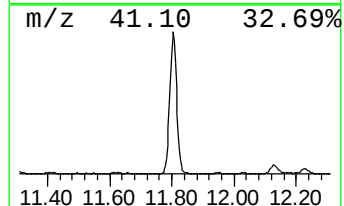
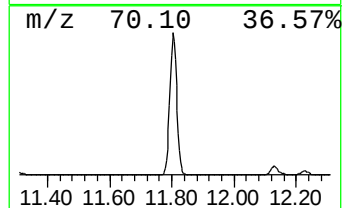
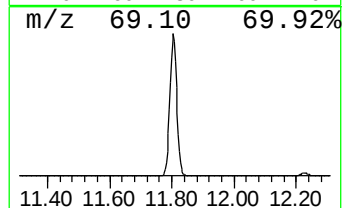
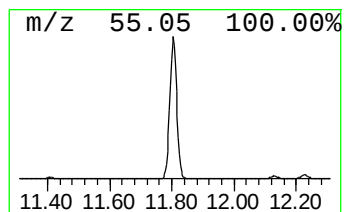
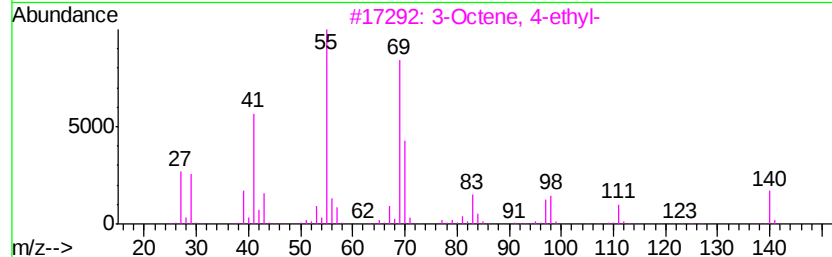
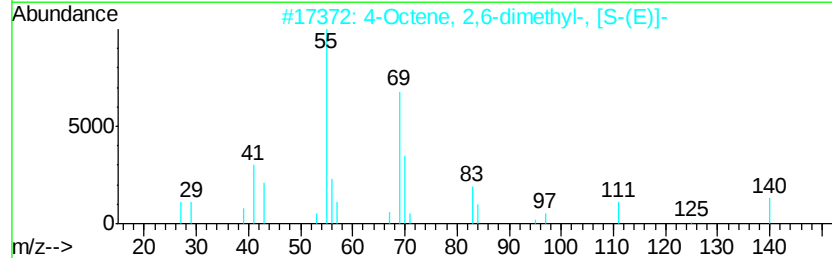
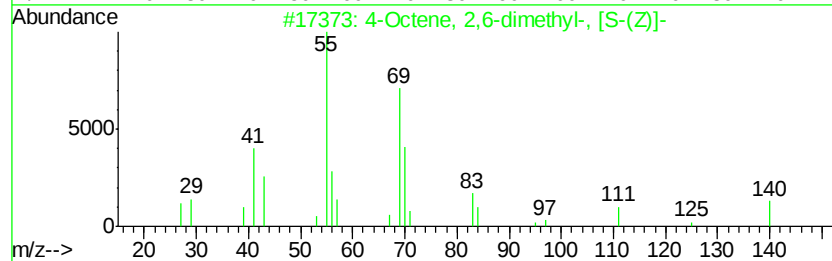
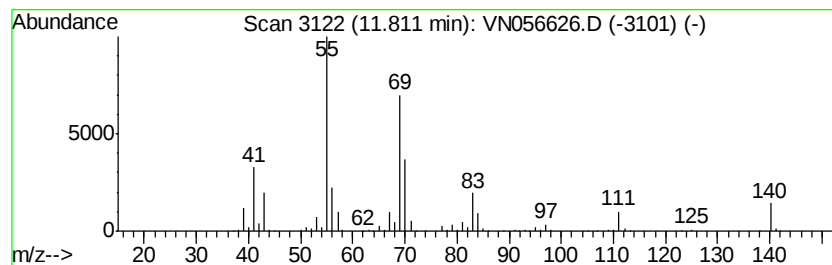
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	73.12 ug/l	1881500	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	91
2		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	80
3		3-Octene, 4-ethyl-	140	C10H20	053966-51-1	74
4		3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	64
5		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58



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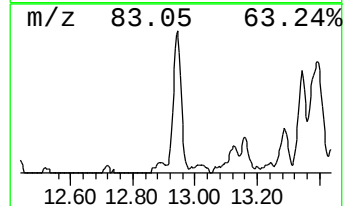
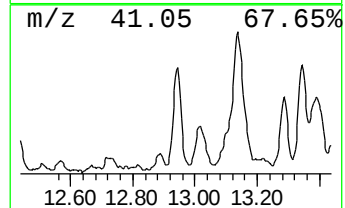
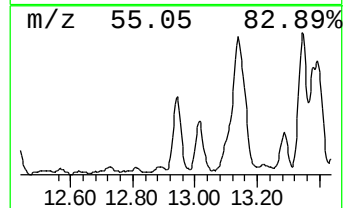
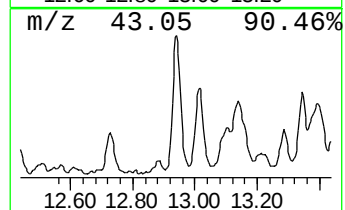
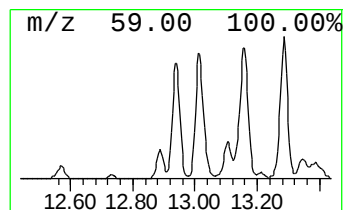
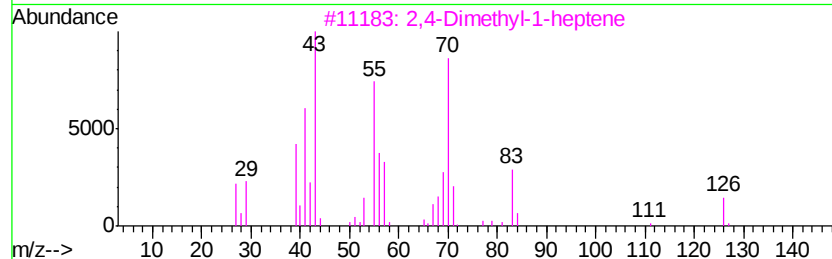
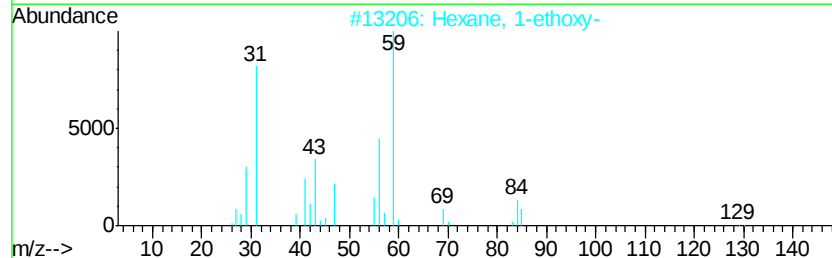
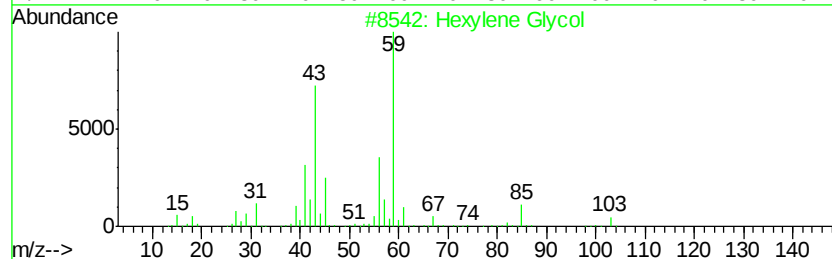
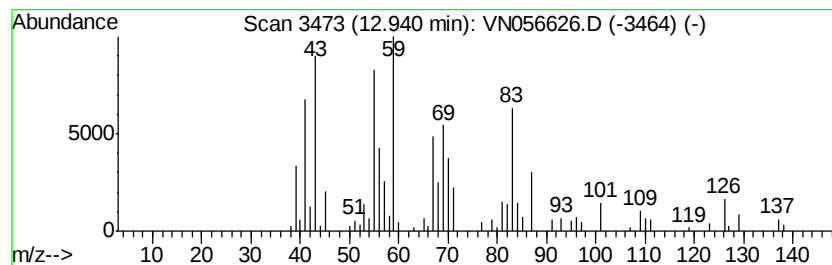
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Peak Number 3 unknown12.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.94	5.68 ug/l	146242	Chlorobenzene-d5	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene Glycol	118	C6H14O2	000107-41-5	35
2	Hexane, 1-ethoxy-	130	C8H18O	005756-43-4	35
3	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	27
4	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	25
5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	14



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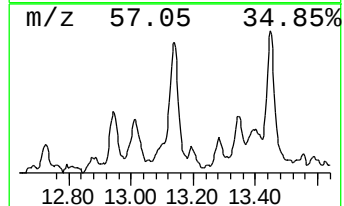
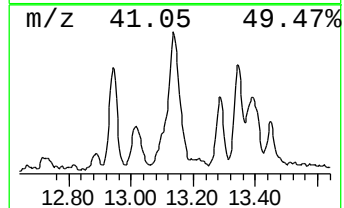
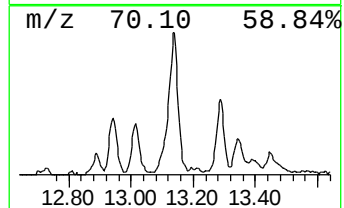
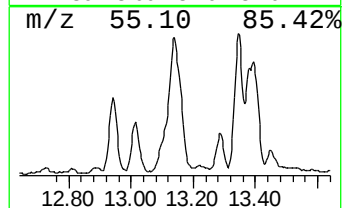
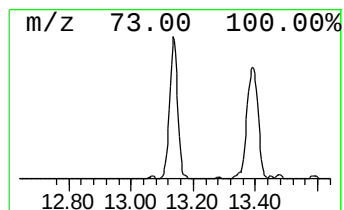
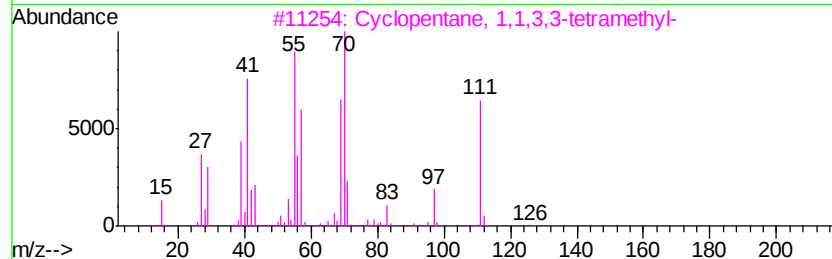
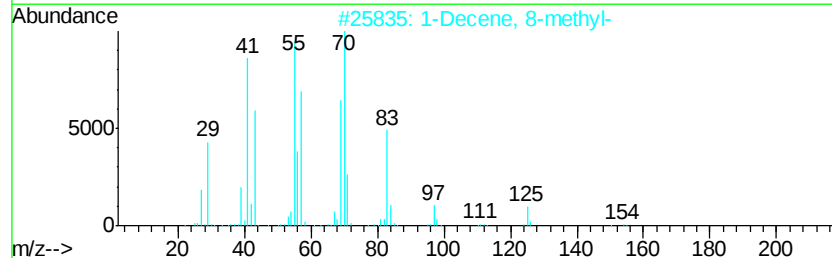
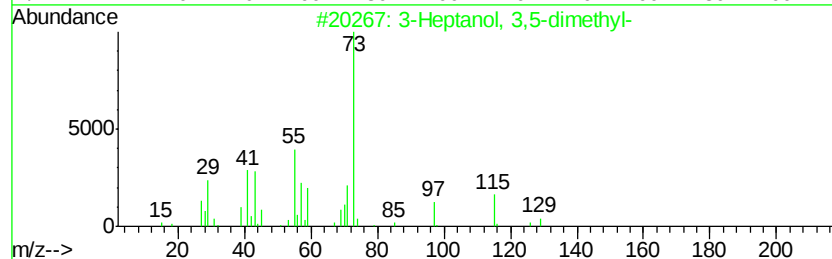
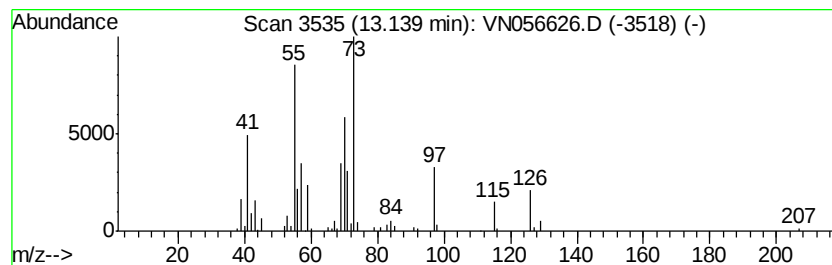
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Peak Number 4 unknown13.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	10.67 ug/l	274679	Chlorobenzene-d5	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3,5-dimethyl-			144	C9H20O	019549-74-7	38
2	1-Decene, 8-methyl-			154	C11H22	061142-79-8	27
3	Cyclopentane, 1,1,3,3-tetramethyl-			126	C9H18	050876-33-0	27
4	3-Undecene, 9-methyl-, (Z)-			168	C12H24	074630-50-5	27
5	2-Undecene, 9-methyl-, (Z)-			168	C12H24	074630-45-8	25



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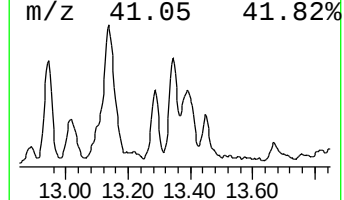
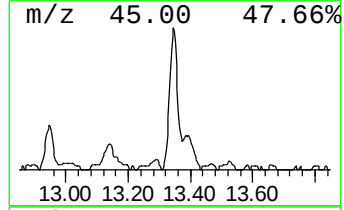
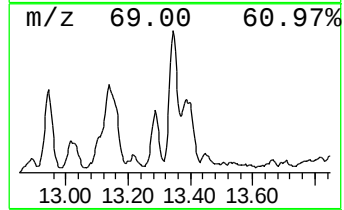
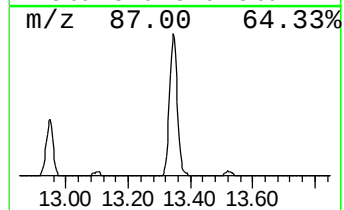
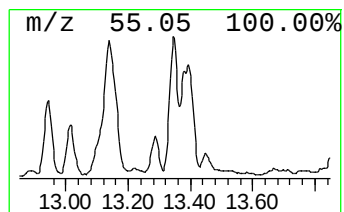
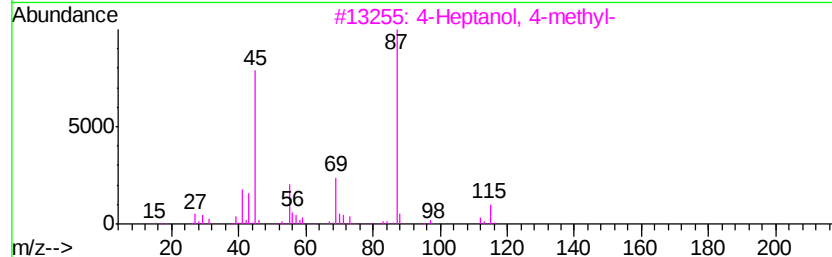
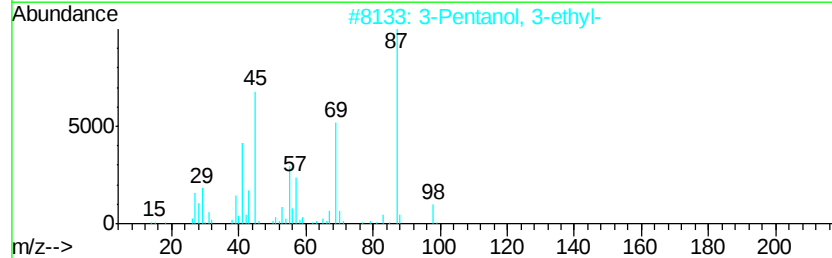
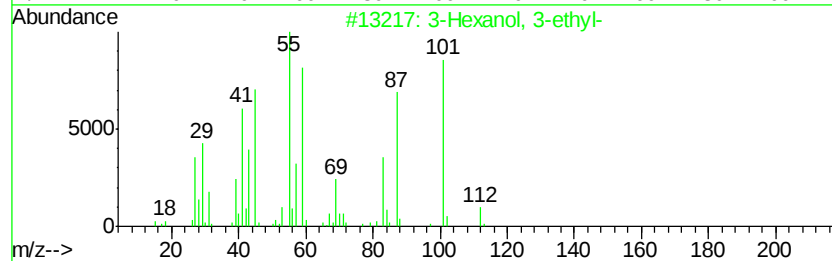
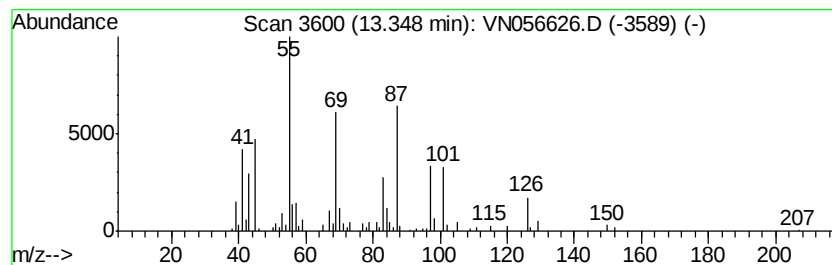
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	6.28 ug/l	161509	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexanol, 3-ethyl-	130	C8H18O	000597-76-2	53
2		3-Pentanol, 3-ethyl-	116	C7H16O	000597-49-9	35
3		4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	27
4		Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	27
5		Cyclopropanecarboxylic acid, und...	240	C15H28O2	103677-78-7	27



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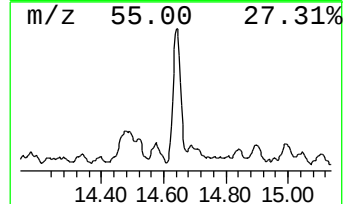
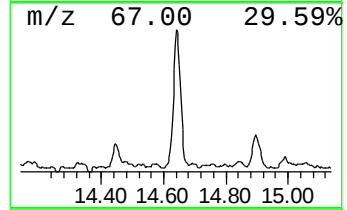
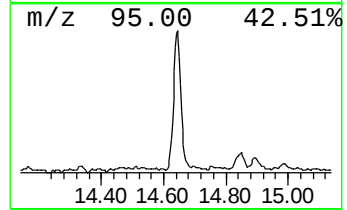
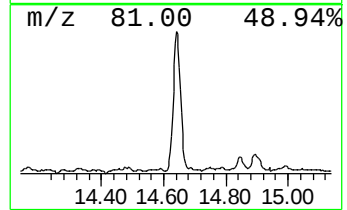
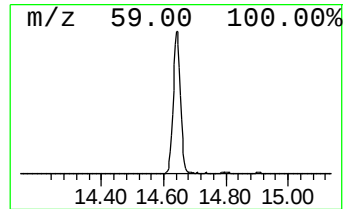
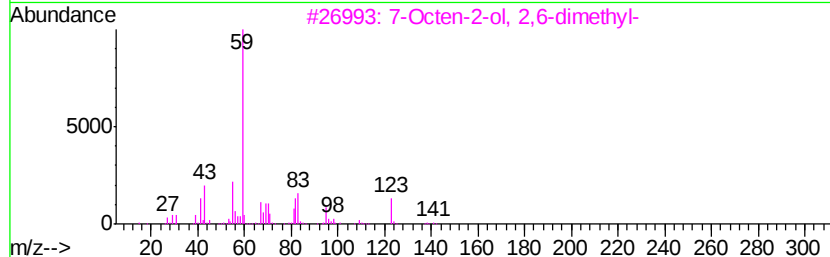
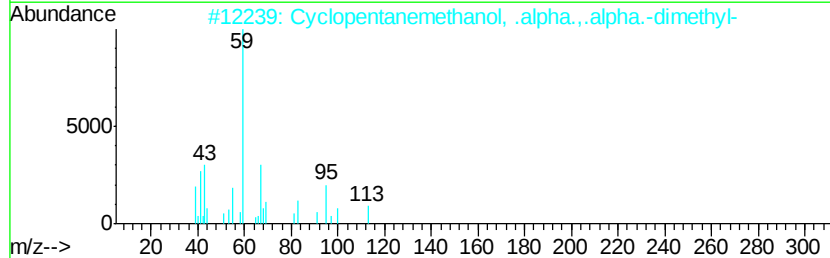
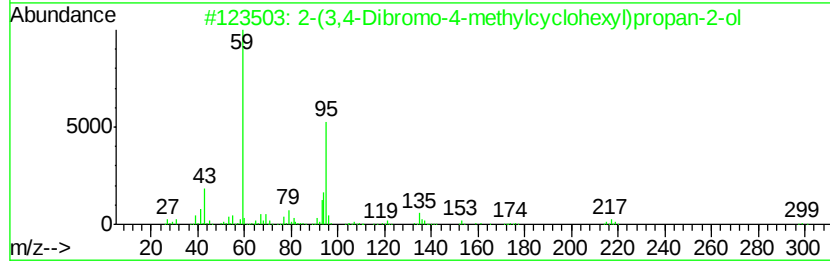
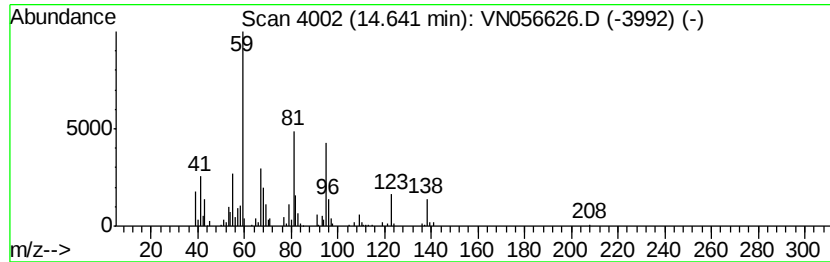
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 6 unknown14.64 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	8.31 ug/l	213897	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(3,4-Dibromo-4-methylcyclohexyl)propan-2-ol	312	C10H18Br2O	110202-13-6	38
2		Cyclopentanemethanol, .alpha.,.a...	128	C8H16O	001462-06-2	38
3		7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	37
4		8-Hydroxycarvotanacetone	168	C10H16O2	007712-46-1	28
5		2-Dodecanol, 2-methyl-	200	C13H28O	001653-37-8	27



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070919\
Data File : VN056626.D
Acq On : 9 Jul 2019 13:43
Operator : JC/SP
Sample : K3643-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	4.07	322.0	ug/l	4235430	1	7.19	394604	30.0
4-Octene, 2,6-dim...	11.81	73.1	ug/l	1881500	3	11.41	771950	30.0
unknown12.94	12.94	5.7	ug/l	146242	3	11.41	771950	30.0
unknown13.14	13.14	10.7	ug/l	274679	3	11.41	771950	30.0
3-Hexanol, 3-ethyl-	13.35	6.3	ug/l	161509	3	11.41	771950	30.0
unknown14.64	14.64	8.3	ug/l	213897	3	11.41	771950	30.0