LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007965.D
Acq On : 11 Mar 2019 12:37
Operator : JC/SP
Sample : K1812-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(MAR)

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_X\METHOD\624X030819W.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	2.446	205	212	228	rBV	1455301	2417521	100.00%	29.483%
2	2.617	230	240	252	rBV	1249858	2328999	96.34%	28.404%
3	5.025	623	635	649	rBV	86108	256819	10.62%	3.132%
4	6.068	794	806	815	rBV	85592	222538	9.21%	2.714%
5	6.860	924	936	961	rBV	198628	468208	19.37%	5.710%
6	8.714	1234	1240	1246	rVV	405957	629125	26.02%	7.673%
7	8.781	1246	1251	1264	rVB	172242	272161	11.26%	3.319%
8	10.110	1457	1469	1479	rBV	379386	528382	21.86%	6.444%
9	10.591	1539	1548	1554	rBV	36928	48736	2.02%	0.594%
10	11.134	1632	1637	1647	rVB	320451	410667	16.99%	5.008%
11	11.750	1732	1738	1744	rBV3	18930	30542	1.26%	0.372%
12	11.811	1744	1748	1758	rVB3	28375	55123	2.28%	0.672%
13	11.939	1765	1769	1778	rBV2	31467	60455	2.50%	0.737%
14	12.146	1798	1803	1807	rBV4	28744	54668	2.26%	0.667%
15	12.268	1818	1823	1831	rBV2	19121	35665	1.48%	0.435%
16	12.823	1909	1914	1920	rBV	29542	37864	1.57%	0.462%
17	12.908	1924	1928	1934	rVB	23354	28333	1.17%	0.346%
18	13.390	2003	2007	2015	rBV	115922	148634	6.15%	1.813%
19	14.402	2165	2173	2180	rBV	25867	42380	1.75%	0.517%
20	14.487	2182	2187	2205	rVB2	41416	81130	3.36%	0.989%
21	14.853	2242	2247	2258	rVB	28154	41700	1.72%	0.509%

Sum of corrected areas: 8199650

LSC Report - Integrated Chromatogram

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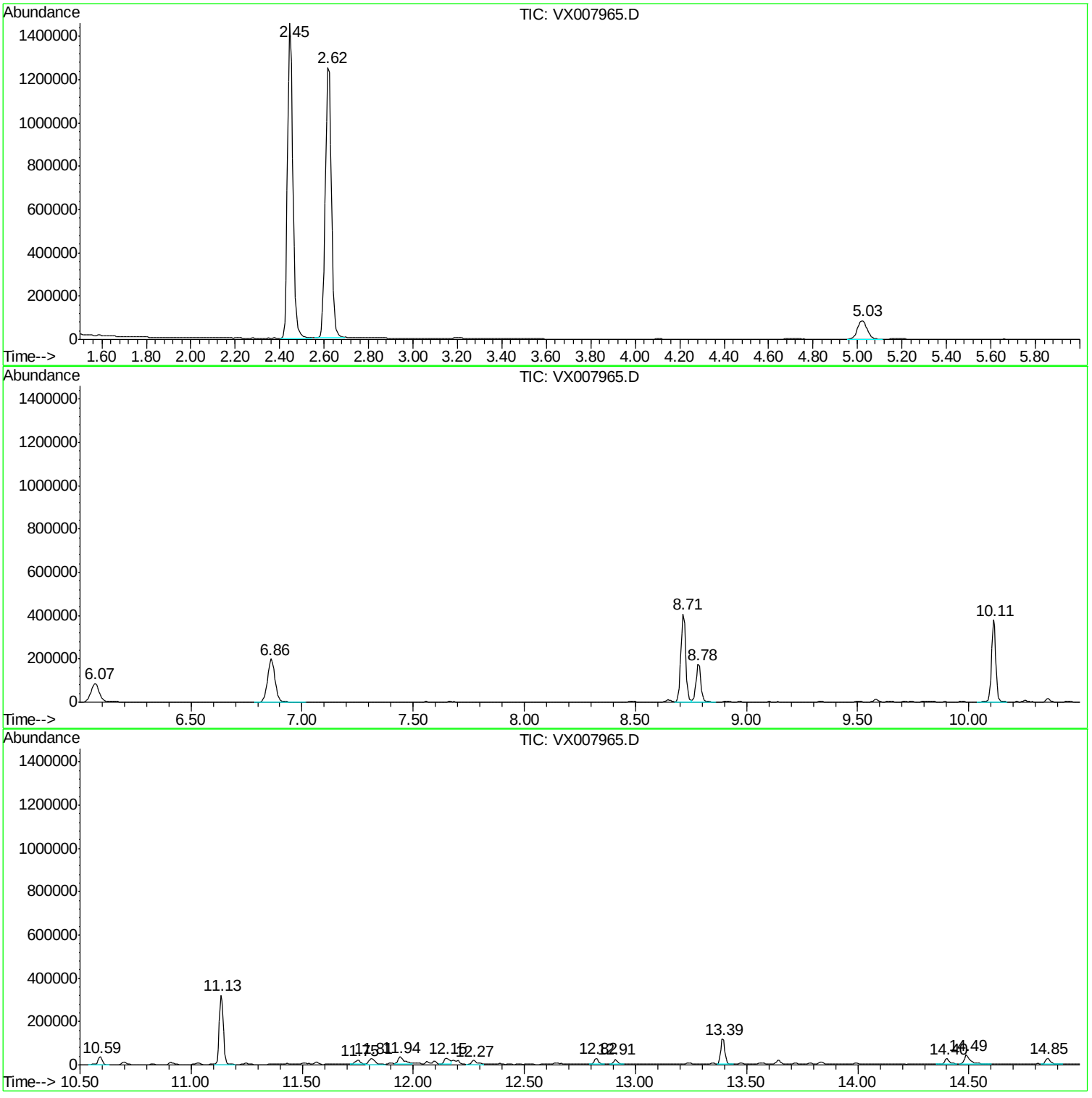
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAR)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



Library Search Compound Report

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Data File : VX007965.D
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Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAR)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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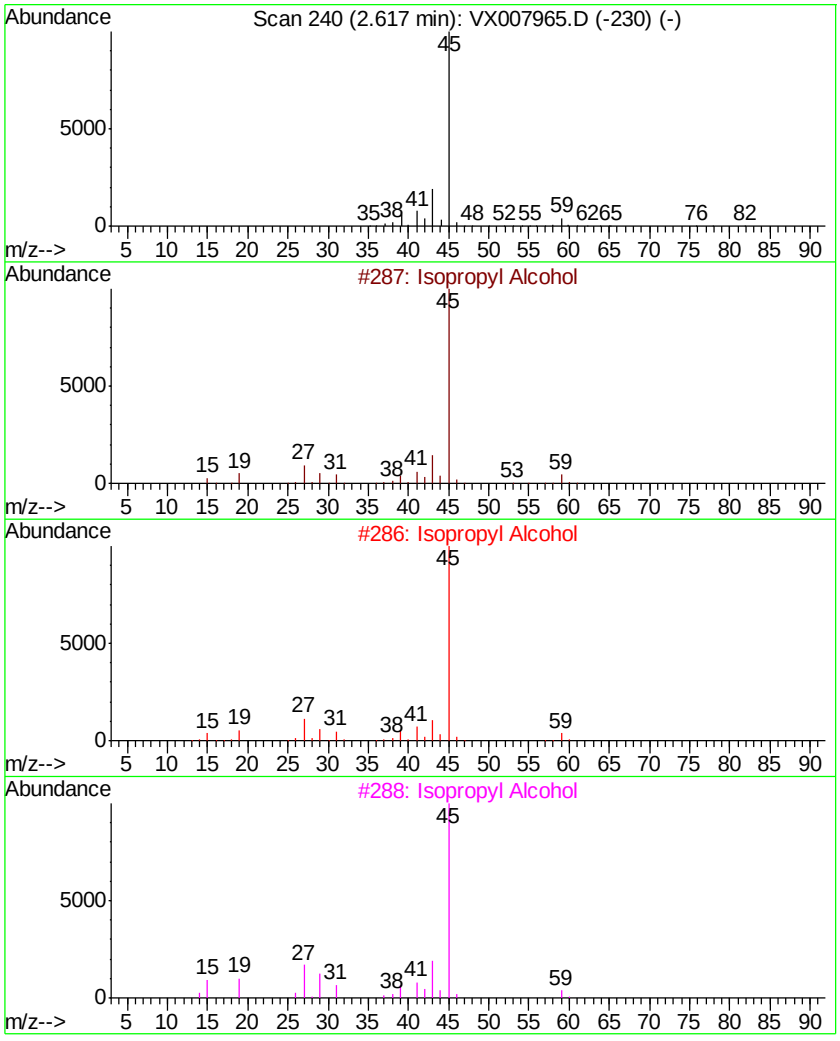
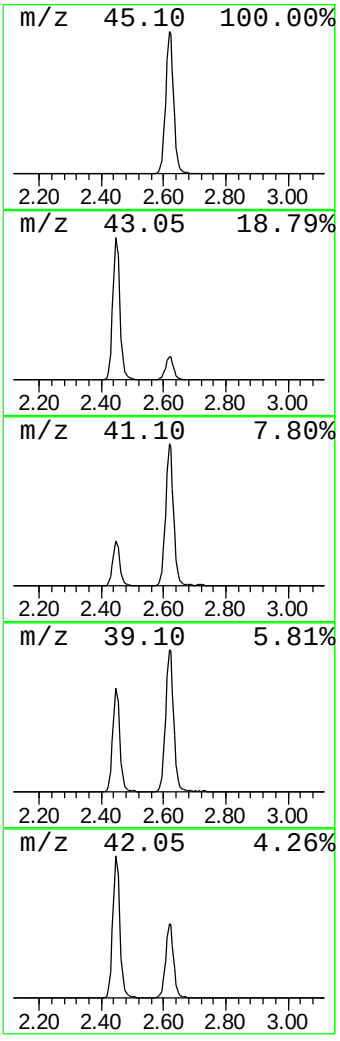
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	272.06 ug/l	2329000	Bromochloromethane	5.02

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	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
5	Formamide	45	CH3NO	000075-12-7	5





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Data File : VX007965.D
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Operator : JC/SP
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAR)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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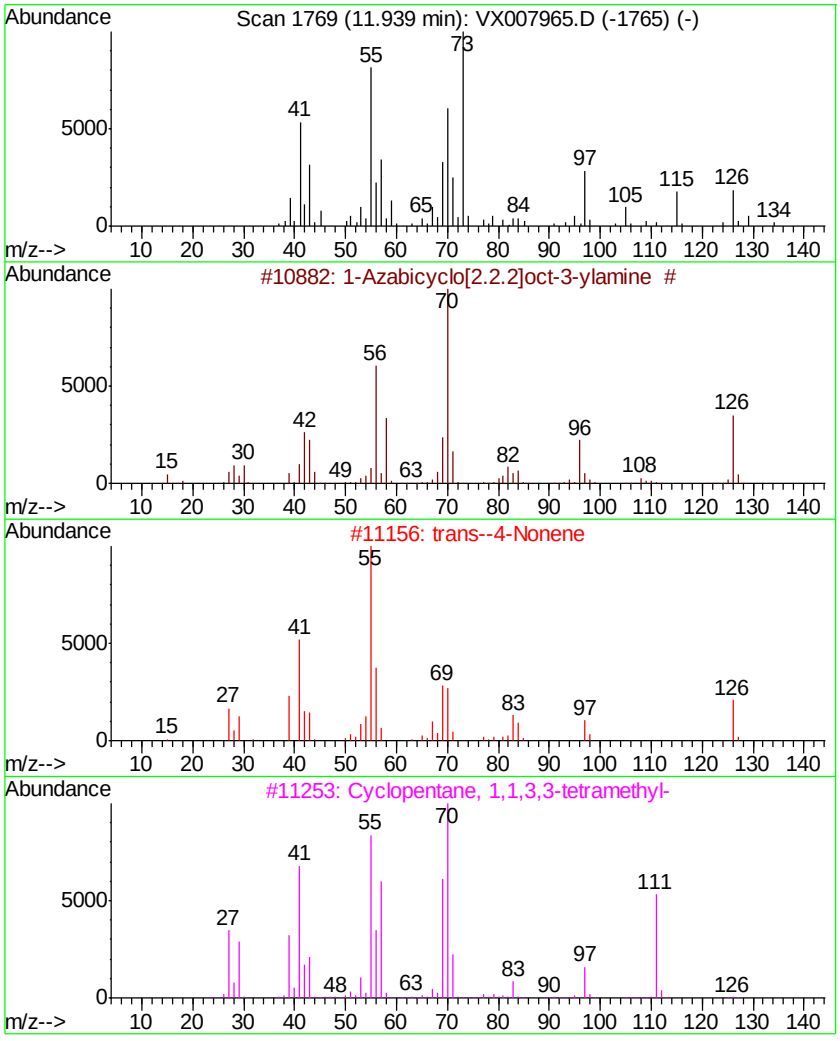
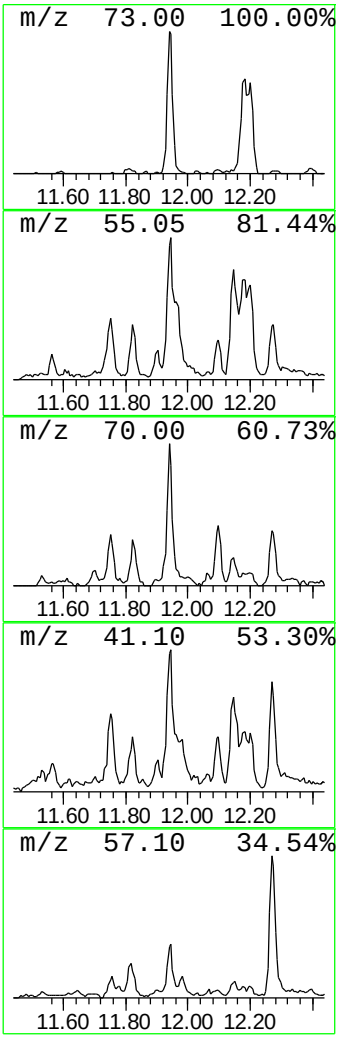
Peak Number 2 unknown11.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.43 ug/l	60455	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Azabicyclo[2.2.2]oct-3-ylamine #	126	C7H14N2	006238-14-8	35
2	trans--4-Nonene	126	C9H18	010405-85-3	35
3	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	35
4	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	35
5	cis-4-Nonene	126	C9H18	010405-84-2	27





Library Search Compound Report

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Data File : VX007965.D
Acq On : 11 Mar 2019 12:37
Operator : JC/SP
Sample : K1812-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAR)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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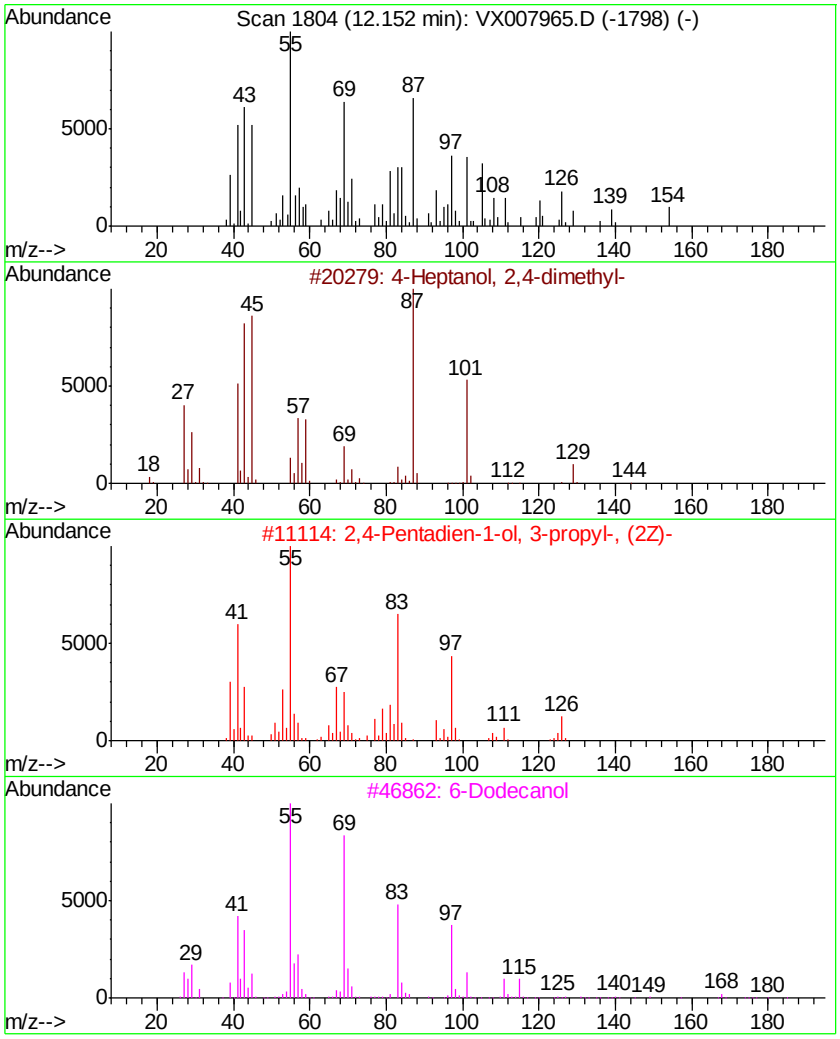
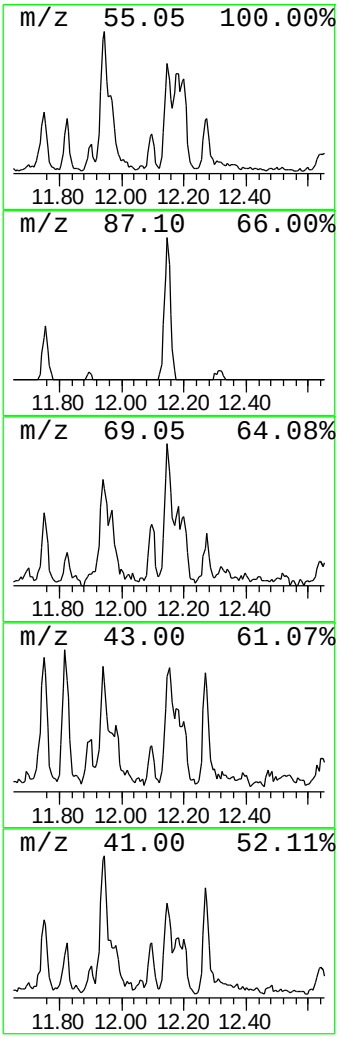
Peak Number 3 unknown12.15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.10 ug/l	54668	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-77-0	38
2	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	25
3	6-Dodecanol	186	C12H26O	006836-38-0	22
4	N,N-Dimethylvaleramide	129	C7H15NO	006225-06-5	22
5	5-Undecene, (E)-	154	C11H22	000764-97-6	14





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Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAR)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
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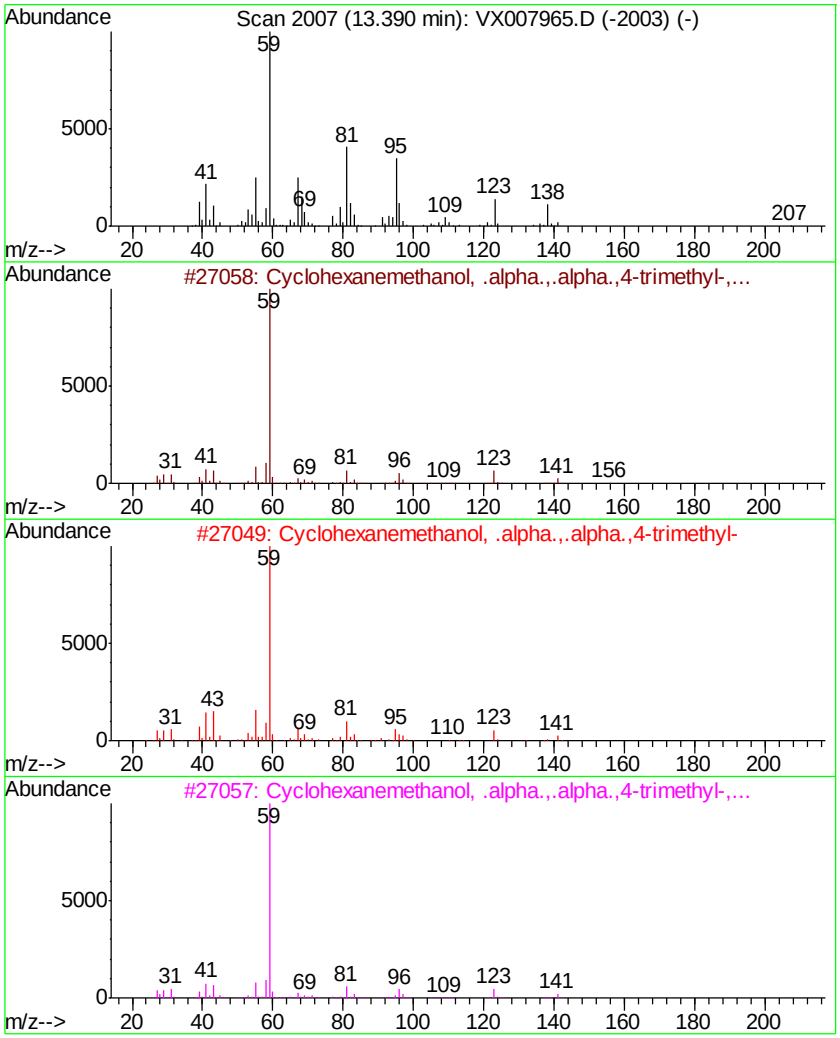
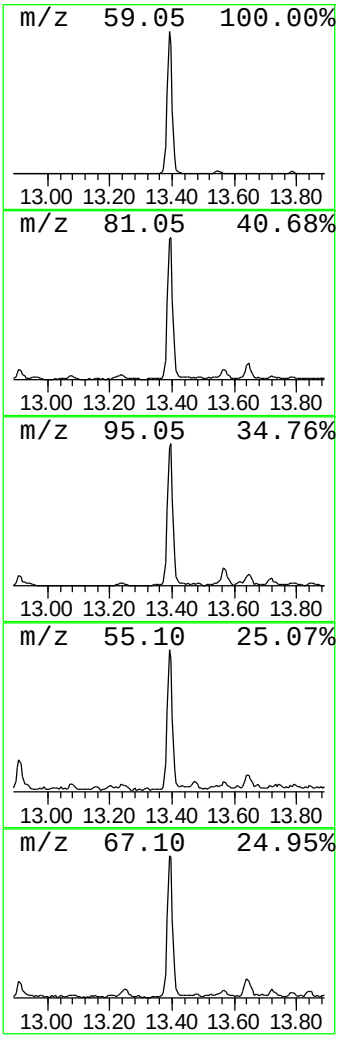
Peak Number 4 unknown13.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	8.44 ug/l	148634	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	47
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	42
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	38
4	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	38
5	Cyclooctanemethanol, .alpha.,.al...	170	C11H22O	016624-06-9	37





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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(MAR)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

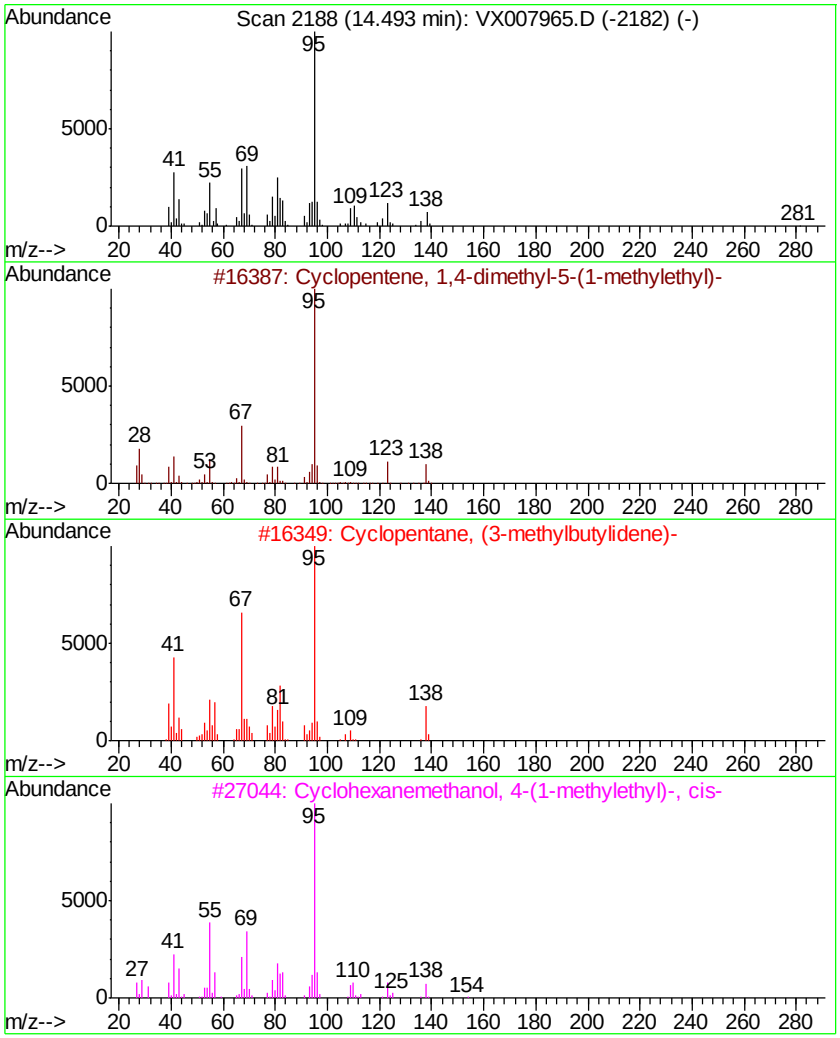
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

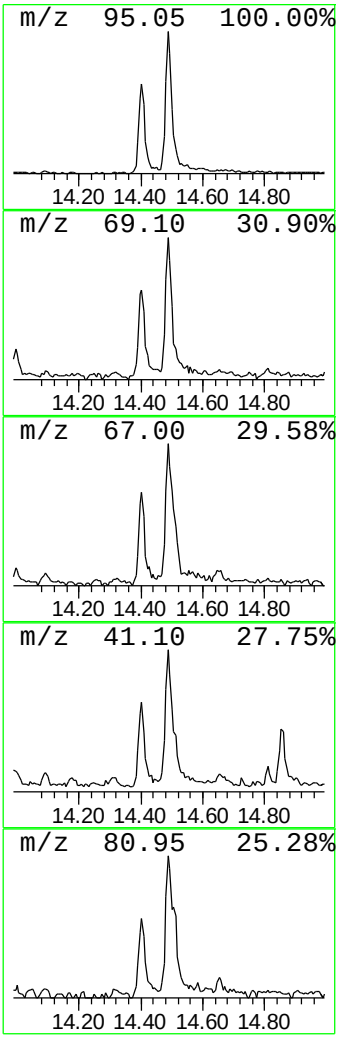
****

Peak Number 5 Cyclopentene, 1,4-dimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.61 ug/l	81130	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	83
2	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	81
3	Cyclohexanemethanol, 4-(1-methyl...	156	C10H20O	013828-37-0	72
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	001124-26-1	72
5	1-(1,2-Dimethyl-cyclopent-2-enyl...	138	C9H14O	070987-82-5	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.62	272.1	ug/l	2329000	1	5.02	256819	30.0
unknown11.94	11.94	3.4	ug/l	60455	3	10.11	528382	30.0
unknown12.15	12.15	3.1	ug/l	54668	3	10.11	528382	30.0
unknown13.39	13.39	8.4	ug/l	148634	3	10.11	528382	30.0
Cyclopentene, 1,4...	14.49	4.6	ug/l	81130	3	10.11	528382	30.0