LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120719\
Data File : VX013842.D
Acq On : 07 Dec 2019 15:48
Operator : JC/SP
Sample : K6137-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001-WILLETS-PT-BLVD-(DEC)

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\624X111119W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX0137842.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	110	117	121	rVB9	39434	104448	1.33%	0.475%
2	2.430	247	253	267	rBV	3129273	4971925	63.31%	22.592%
3	2.594	272	280	293	rBV	4549919	7853312	100.00%	35.685%
4	5.008	665	676	688	rBV	209762	614088	7.82%	2.790%
5	6.051	835	847	859	rBV	223746	587054	7.48%	2.668%
6	6.849	965	978	990	rBV	510812	1195388	15.22%	5.432%
7	8.709	1277	1283	1289	rVV	1079442	1627862	20.73%	7.397%
8	8.776	1289	1294	1305	rVV	1197363	1876056	23.89%	8.525%
9	10.105	1507	1512	1519	rVB	973748	1344021	17.11%	6.107%
10	10.355	1548	1553	1558	rBV	112309	151028	1.92%	0.686%
11	10.587	1587	1591	1596	rVB	112293	138289	1.76%	0.628%
12	11.135	1676	1681	1689	rBV	846819	1055685	13.44%	4.797%
13	11.940	1808	1813	1821	rBV2	56542	105304	1.34%	0.478%
14	12.269	1860	1867	1873	rBV	80088	132567	1.69%	0.602%
15	13.391	2045	2051	2056	rBV	192153	250168	3.19%	1.137%

Sum of corrected areas: 22007195

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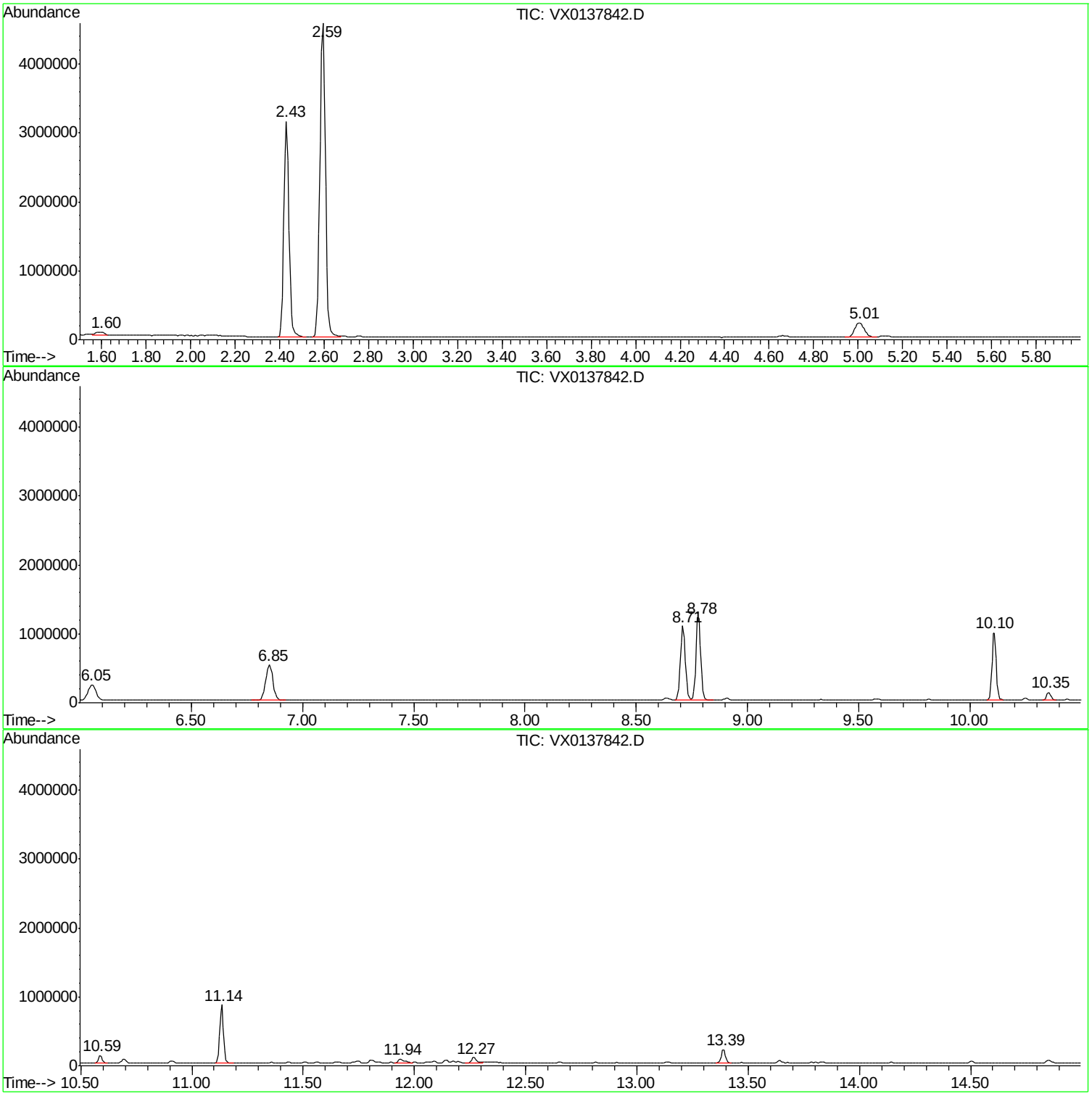
ClientSampleId :
001-WILLETS-PT-BLVD-(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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ClientSampleId : 001-WILLETS-PT-BLVD-(DEC)

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

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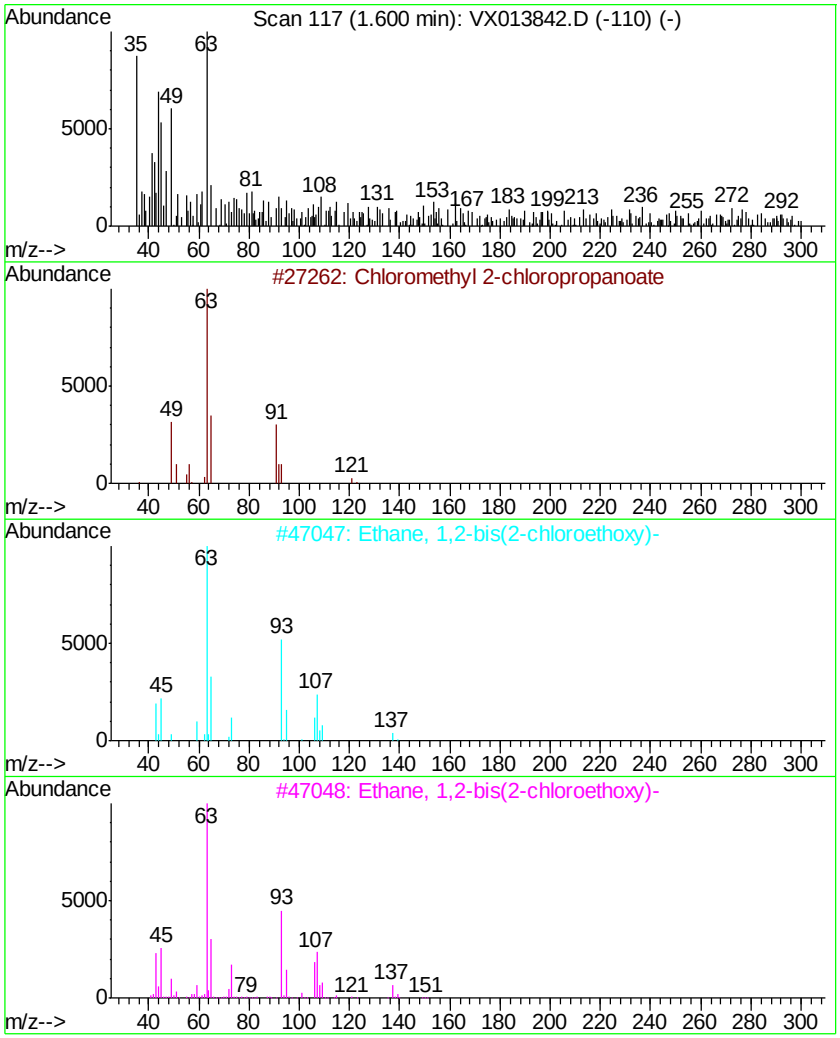
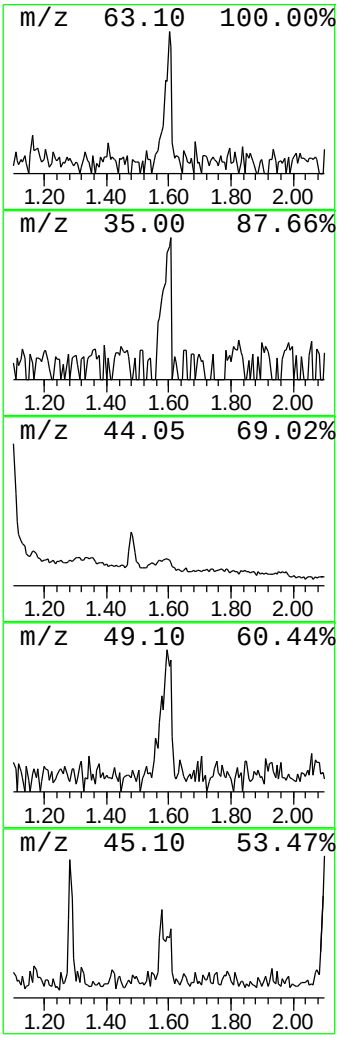
Peak Number 1 Chloromethyl 2-chloropropan... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.60	5.10 ug/l	104448	Bromochloromethane	5.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloromethyl 2-chloropropanoate	156	C4H6Cl2O2	013398-02-2	50
2	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	47
3	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	47
4	6-Methoxybenzofuroxan	166	C7H6N2O3	003524-06-9	43
5	Carmustine	213	C5H9Cl2N3O2	000154-93-8	40





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Instrument : MSVOA_X
ClientSampleId : 001-WILLETS-PT-BLVD-(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
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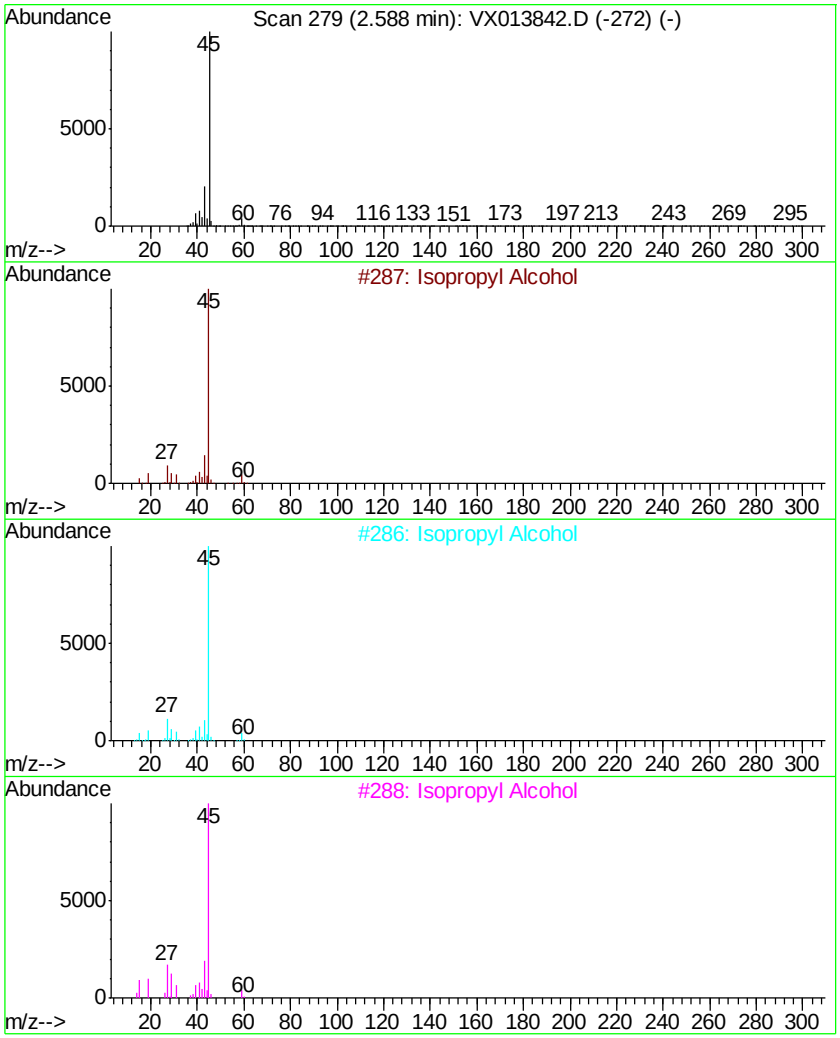
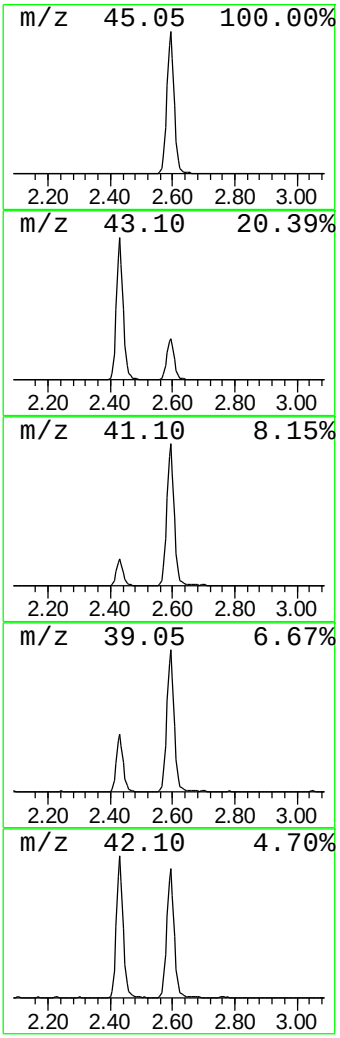
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	383.66 ug/l	7853310	Bromochloromethane	5.01

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, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9





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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 : 001-WILLETS-PT-BLVD-(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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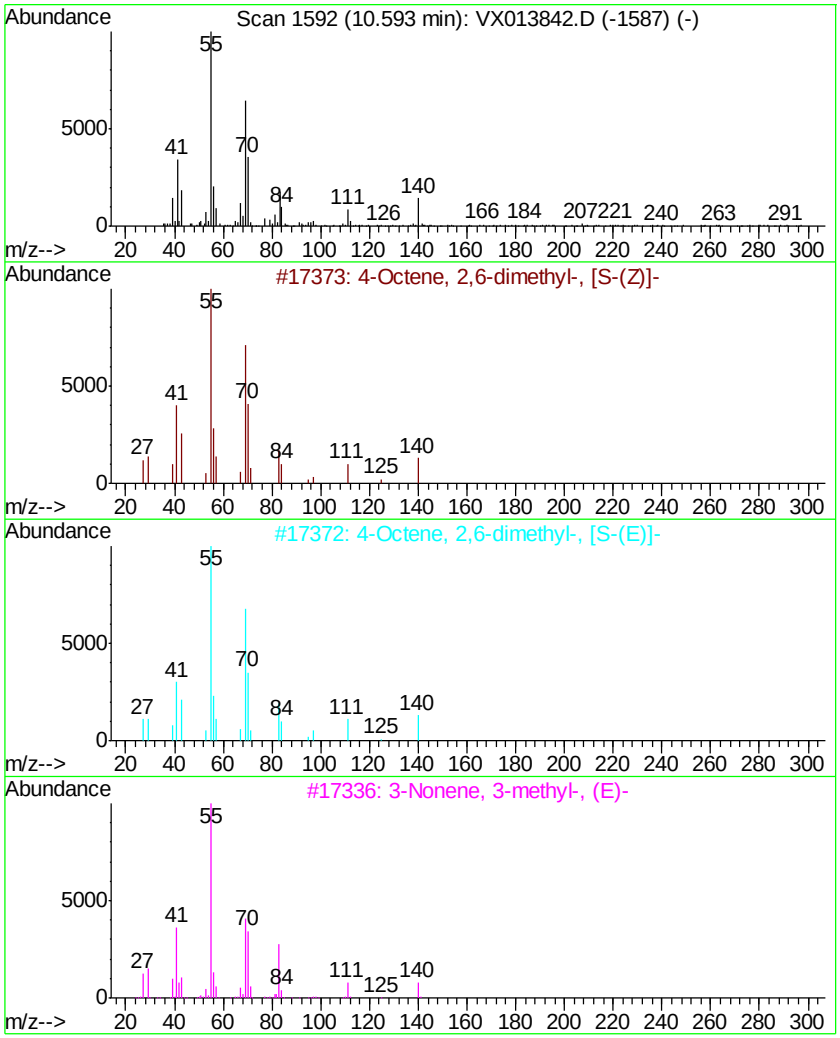
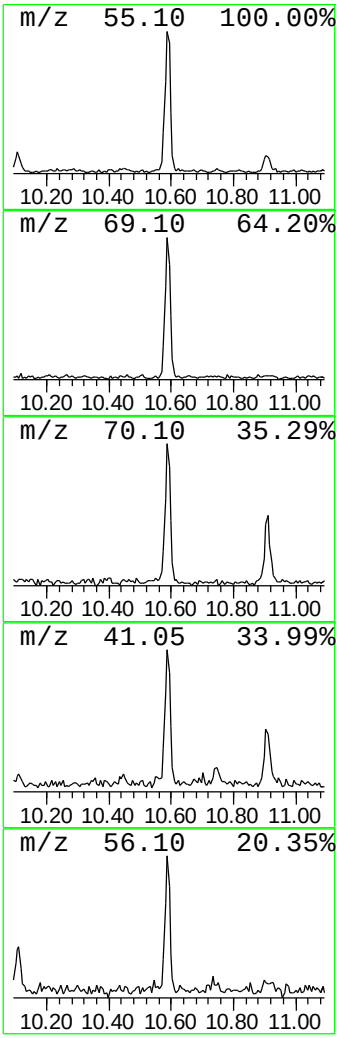
Peak Number 3 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.09 ug/l	138289	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	90
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	90
3	3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	72
4	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	58
5	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	58





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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001-WILLETS-PT-BLVD-(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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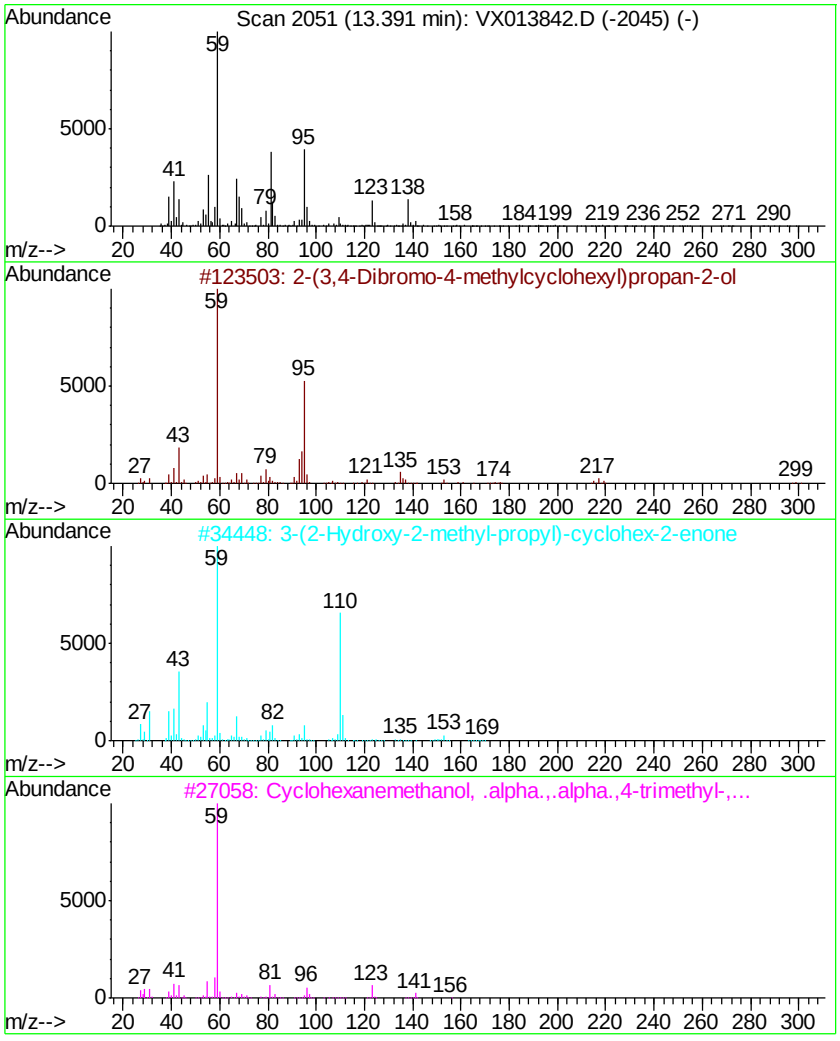
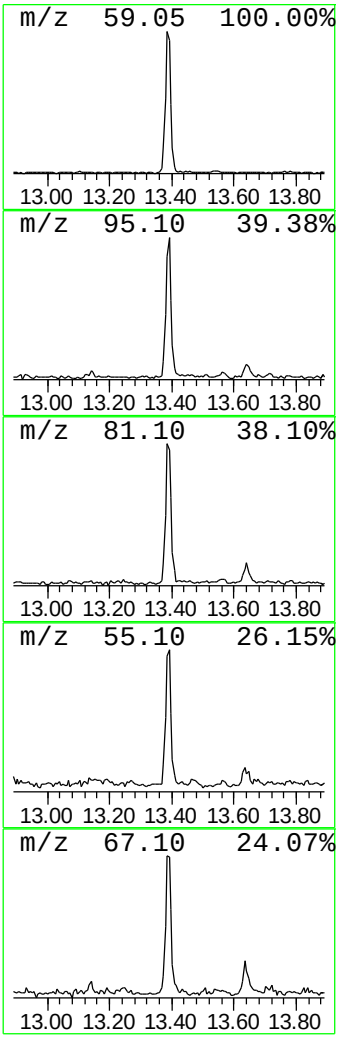
Peak Number 4 unknown13.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	5.58 ug/l	250168	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	40
2	3-(2-Hydroxy-2-methyl-propyl)-cy...	168	C10H16O2	1000185-60-2	37
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	32
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	32
5	2-Hydroxy-2-methylundec-5-en-3-one	198	C12H22O2	1000191-46-2	32





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
Chloromethyl 2-ch...	1.60	5.1	ug/l	104448	1	5.01	614088	30.0
Isopropyl Alcohol	2.59	383.7	ug/l	7853310	1	5.01	614088	30.0
4-Octene, 2,6-dim...	10.59	3.1	ug/l	138289	3	10.11	1344020	30.0
unknown13.39	13.39	5.6	ug/l	250168	3	10.11	1344020	30.0