LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007966.D
Acq On : 11 Mar 2019 13:04
Operator : JC/SP
Sample : K1812-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 002M-35TH-AVE(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	1487013	2473056	100.00%	29.147%
2	2.617	232	240	260	rVV	1289539	2371236	95.88%	27.947%
3	5.019	623	634	650	rBV	88998	267882	10.83%	3.157%
4	6.068	794	806	815	rBV	89097	230164	9.31%	2.713%
5	6.860	926	936	949	rBV	208808	486736	19.68%	5.737%
6	8.714	1234	1240	1246	rVV	430606	659000	26.65%	7.767%
7	8.781	1246	1251	1264	rVB	181899	290482	11.75%	3.424%
8	10.110	1464	1469	1481	rVB	397949	549222	22.21%	6.473%
9	10.591	1544	1548	1553	rVB	36445	45103	1.82%	0.532%
10	11.134	1633	1637	1649	rVB	325150	431031	17.43%	5.080%
11	11.750	1732	1738	1743	rBV3	19488	30660	1.24%	0.361%
12	11.811	1743	1748	1758	rVB3	28717	55652	2.25%	0.656%
13	11.939	1765	1769	1772	rBV	31693	44084	1.78%	0.520%
14	12.146	1798	1803	1807	rBV4	29283	54251	2.19%	0.639%
15	12.268	1819	1823	1827	rBV	17798	26524	1.07%	0.313%
16	12.823	1908	1914	1921	rBV2	31551	40258	1.63%	0.474%
17	12.908	1924	1928	1935	rVB2	19649	25722	1.04%	0.303%
18	13.396	2003	2008	2012	rBV	113111	143363	5.80%	1.690%
19	14.182	2125	2137	2148	rBV3	27325	93756	3.79%	1.105%
20	14.402	2166	2173	2182	rBV	27230	46092	1.86%	0.543%
21	14.487	2182	2187	2195	rBV2	41233	76160	3.08%	0.898%
22	14.853	2243	2247	2261	rVB	26557	44374	1.79%	0.523%

Sum of corrected areas: 8484808

LSC Report - Integrated Chromatogram

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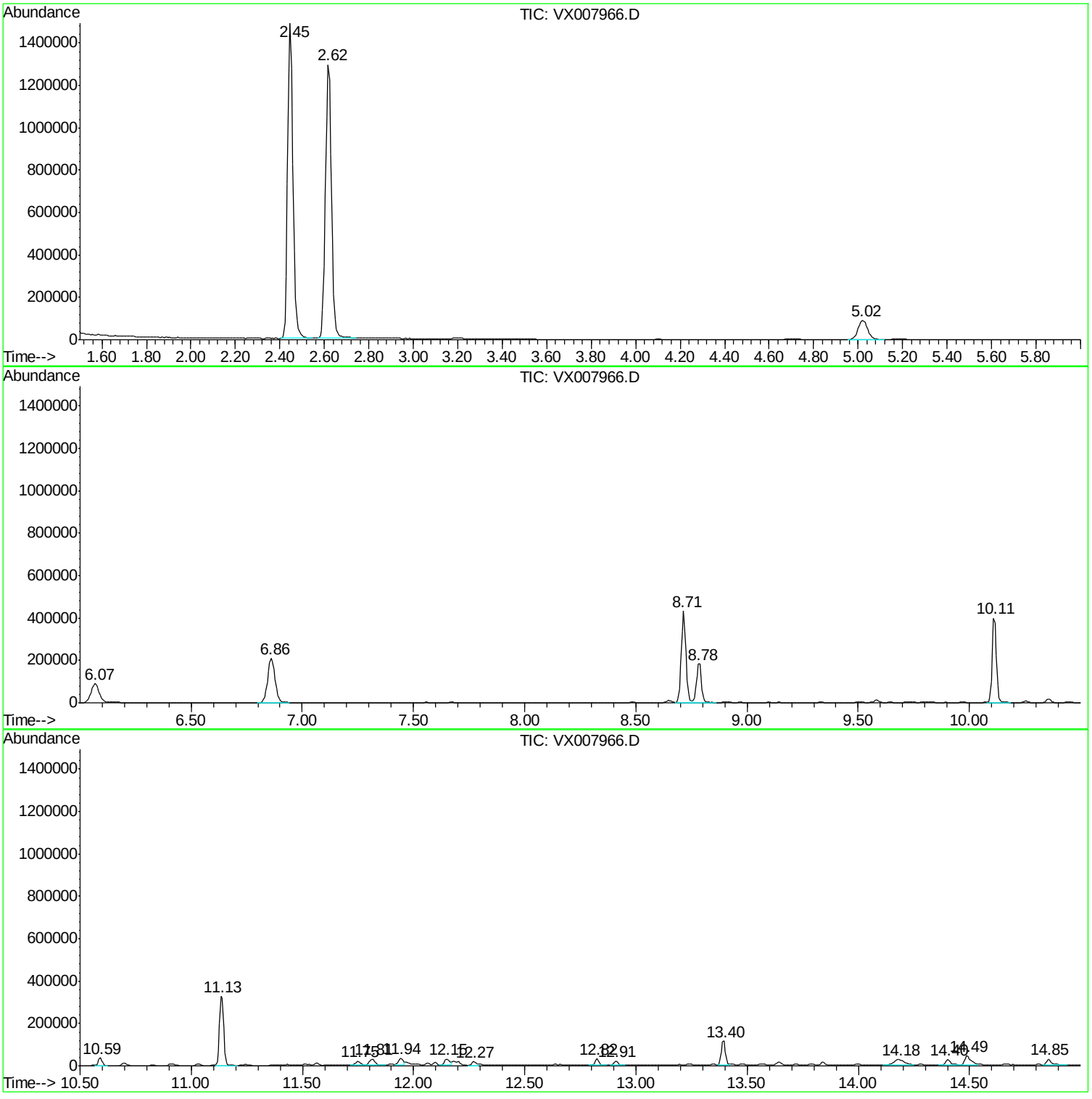
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002M-35TH-AVE(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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007966.D
Acq On : 11 Mar 2019 13:04
Operator : JC/SP
Sample : K1812-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 002M-35TH-AVE(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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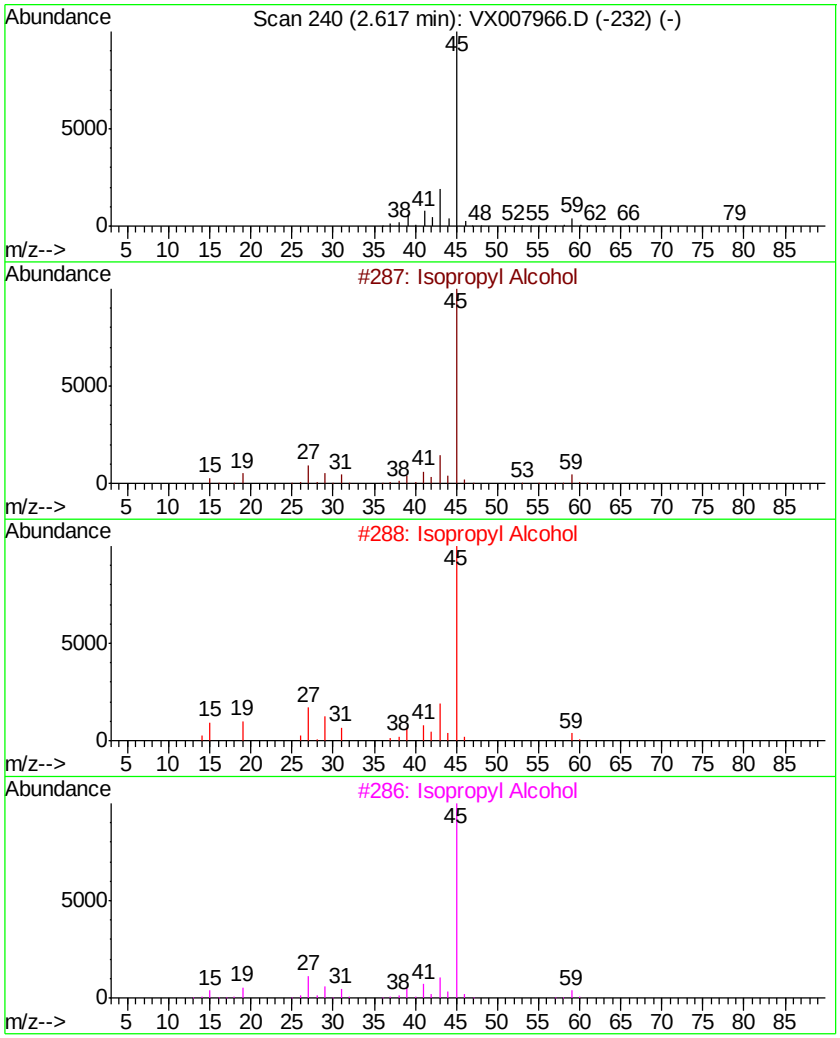
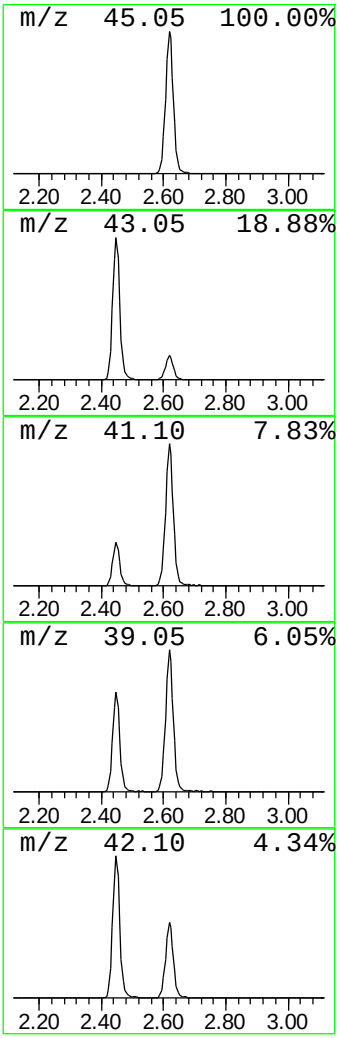
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	265.55 ug/l	2371240	Bromochloromethane	5.02

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007966.D
Acq On : 11 Mar 2019 13:04
Operator : JC/SP
Sample : K1812-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 002M-35TH-AVE(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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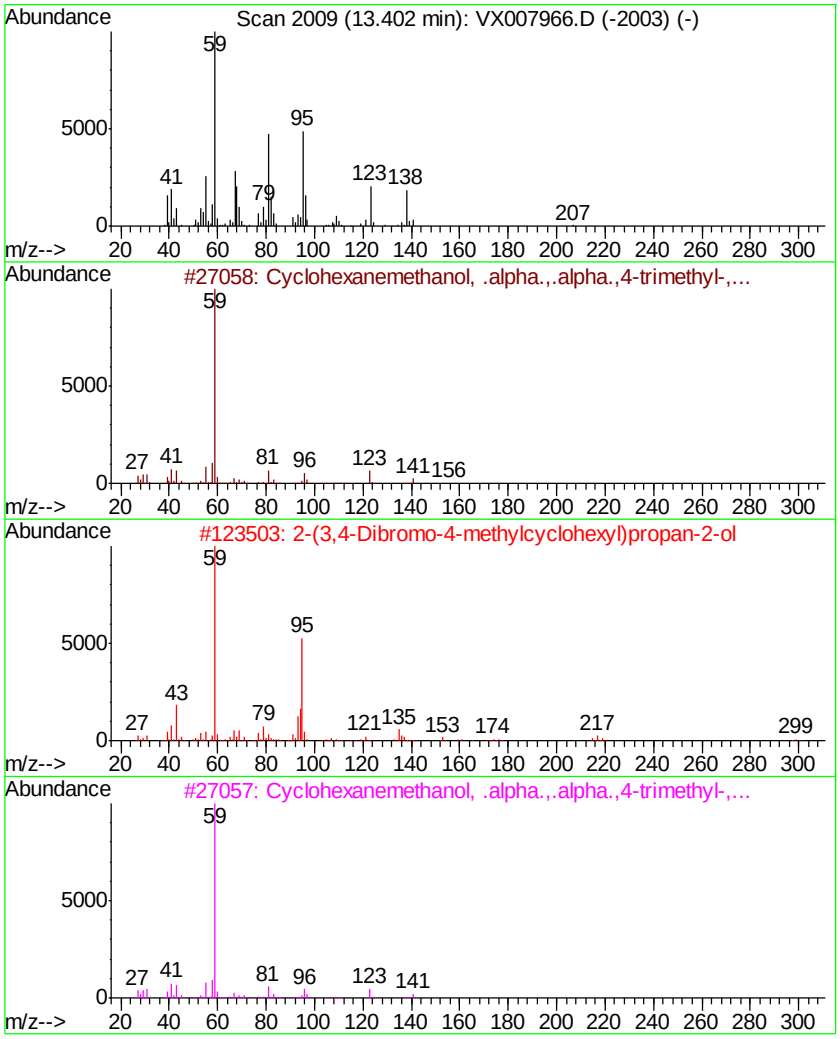
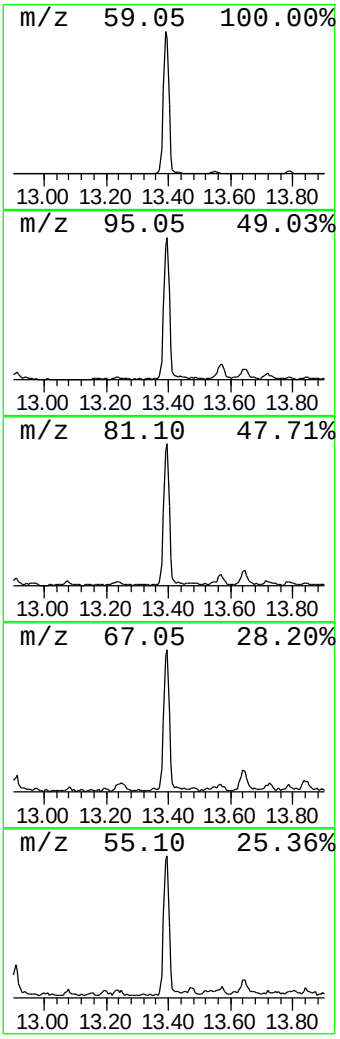
Peak Number 2 unknown13.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	7.83 ug/l	143363	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	43
2	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	38
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	37
4	2,2-Dimethyl-4-hydroxymethyl-5-(...	198	C11H18O3	1000284-41-5	35
5	8-Hydroxycarvotanacetone	168	C10H16O2	007712-46-1	33





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Data File : VX007966.D
Acq On : 11 Mar 2019 13:04
Operator : JC/SP
Sample : K1812-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 002M-35TH-AVE(MAR)

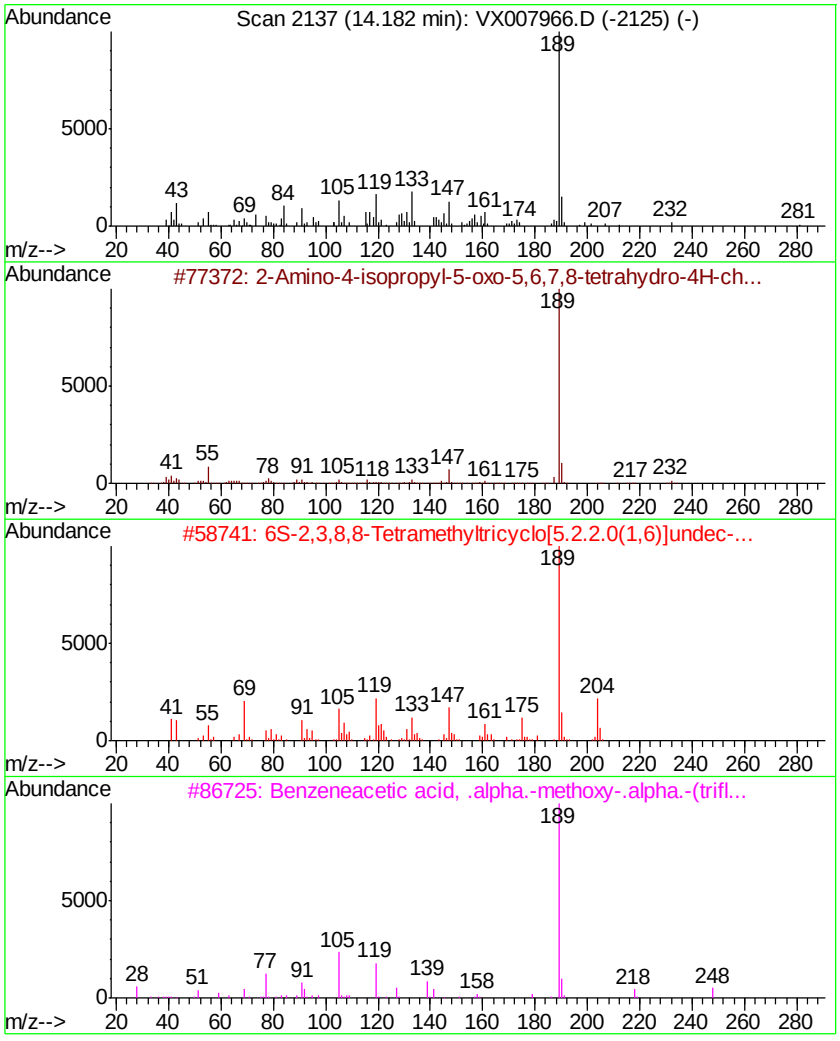
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

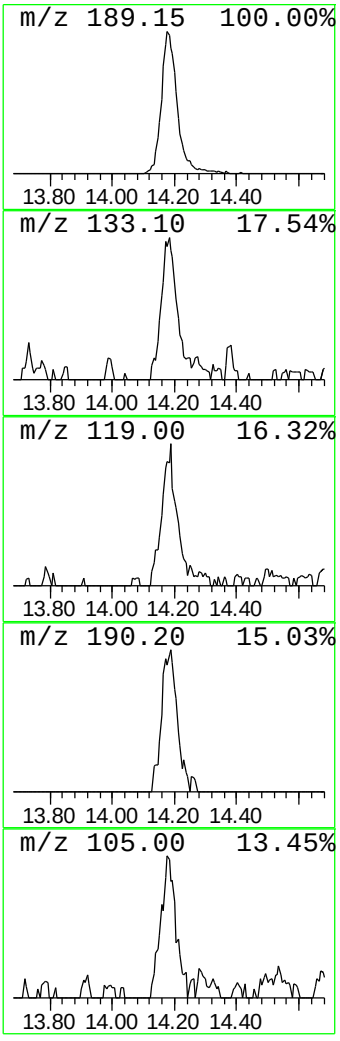
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Amino-4-isopropyl-5-oxo-5... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	5.12 ug/l	93756	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-4-isopropyl-5-oxo-5,6,7,...	232	C13H16N2O2	302785-66-6	62
2	6S-2,3,8,8-Tetramethyltricyclo[5...	204	C15H24	137235-48-4	56
3	Benzeneacetic acid, .alpha.-meth...	248	C11H11F3O3	077611-72-4	53
4	Dihydropyrrol-2,5-dione, N-[4-ac...	231	C12H9NO4	006637-46-3	53
5	Acetyl chloride, 2-methoxy-2-phe...	252	C10H8ClF3O2	040793-68-8	53





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Data File : VX007966.D
Acq On : 11 Mar 2019 13:04
Operator : JC/SP
Sample : K1812-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 002M-35TH-AVE(MAR)

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

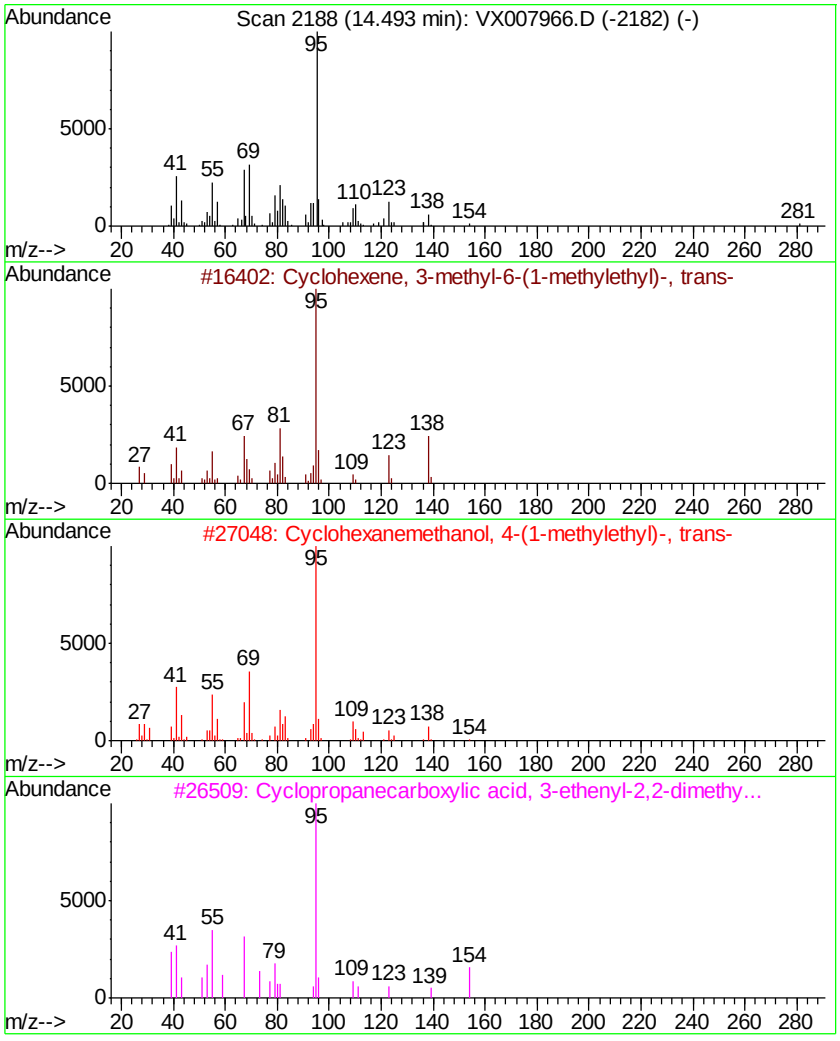
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

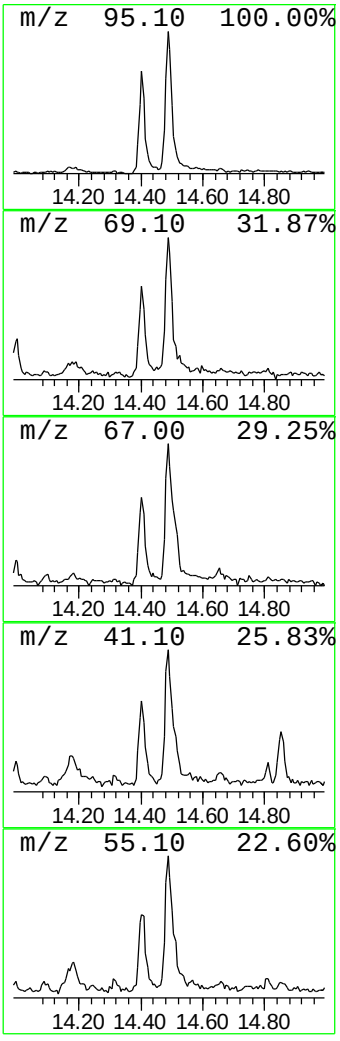
****

Peak Number 4 Cyclohexene, 3-methyl-6-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.16 ug/l	76160	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	001124-26-1	74
2	Cyclohexanemethanol, 4-(1-methyl...	156	C10H20O	013674-19-6	72
3	Cyclopropanecarboxylic acid, 3-e...	154	C9H14O2	041977-59-7	72
4	Borneol	154	C10H18O	000507-70-0	68
5	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007966.D
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ALS Vial : 8 Sample Multiplier: 1

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.62	265.6	ug/l	2371240	1	5.02	267882	30.0
unknown13.40	13.40	7.8	ug/l	143363	3	10.11	549222	30.0
2-Amino-4-isoprop...	14.18	5.1	ug/l	93756	3	10.11	549222	30.0
Cyclohexene, 3-me...	14.49	4.2	ug/l	76160	3	10.11	549222	30.0