LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
Data File : VX014852.D
Acq On : 06 Feb 2020 16:57
Operator : JC/SP
Sample : L1419-02 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30576

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82X012220W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.070	27	30	44	rBV	376880	524245	10.59%	1.772%
2	1.485	94	98	109	rBV	2010728	2283712	46.13%	7.719%
3	2.100	194	199	205	rVB	40882	61003	1.23%	0.206%
4	2.344	233	239	247	rBV	1233515	1948632	39.36%	6.586%
5	2.430	247	253	265	rVB	382907	617773	12.48%	2.088%
6	3.935	489	500	514	rBV	965362	2391902	48.32%	8.085%
7	5.490	745	755	767	rBV	252843	706885	14.28%	2.389%
8	5.655	770	782	795	rBV	448301	1246254	25.17%	4.212%
9	6.051	839	847	861	rBV	281360	723858	14.62%	2.447%
10	6.849	965	978	987	rBV	686717	1608579	32.49%	5.437%
11	6.959	987	996	1009	rVB	1463234	3325063	67.17%	11.239%
12	7.282	1038	1049	1058	rBV	270790	575696	11.63%	1.946%
13	8.709	1276	1283	1291	rVV	1452465	2231075	45.07%	7.541%
14	8.776	1291	1294	1303	rVB	36905	60027	1.21%	0.203%
15	9.050	1333	1339	1353	rVB	3476506	4950417	100.00%	16.732%
16	9.215	1360	1366	1373	rBV	642827	875373	17.68%	2.959%
17	10.105	1506	1512	1524	rBV	1431165	2016229	40.73%	6.815%
18	11.129	1675	1680	1689	rBV	1157896	1539574	31.10%	5.204%
19	12.074	1830	1835	1844	rVB	1512659	1841618	37.20%	6.225%
20	13.830	2118	2123	2130	rVB	43811	58044	1.17%	0.196%

Sum of corrected areas: 29585959

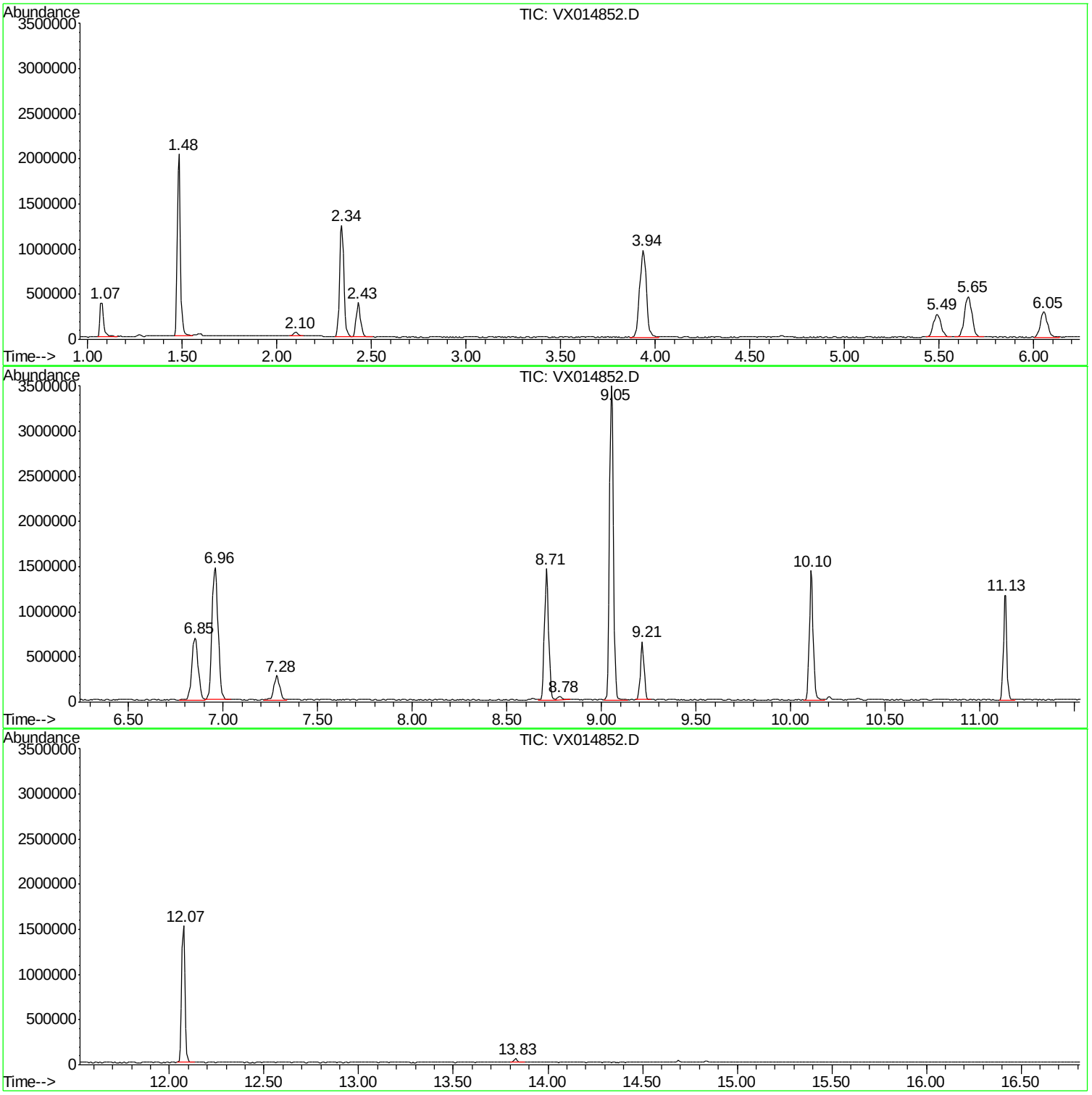
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020620\
Data File : VX014852.D
Acq On : 06 Feb 2020 16:57
Operator : JC/SP
Sample : L1419-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30576

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
Data File : VX014852.D
Acq On : 06 Feb 2020 16:57
Operator : JC/SP
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30576

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

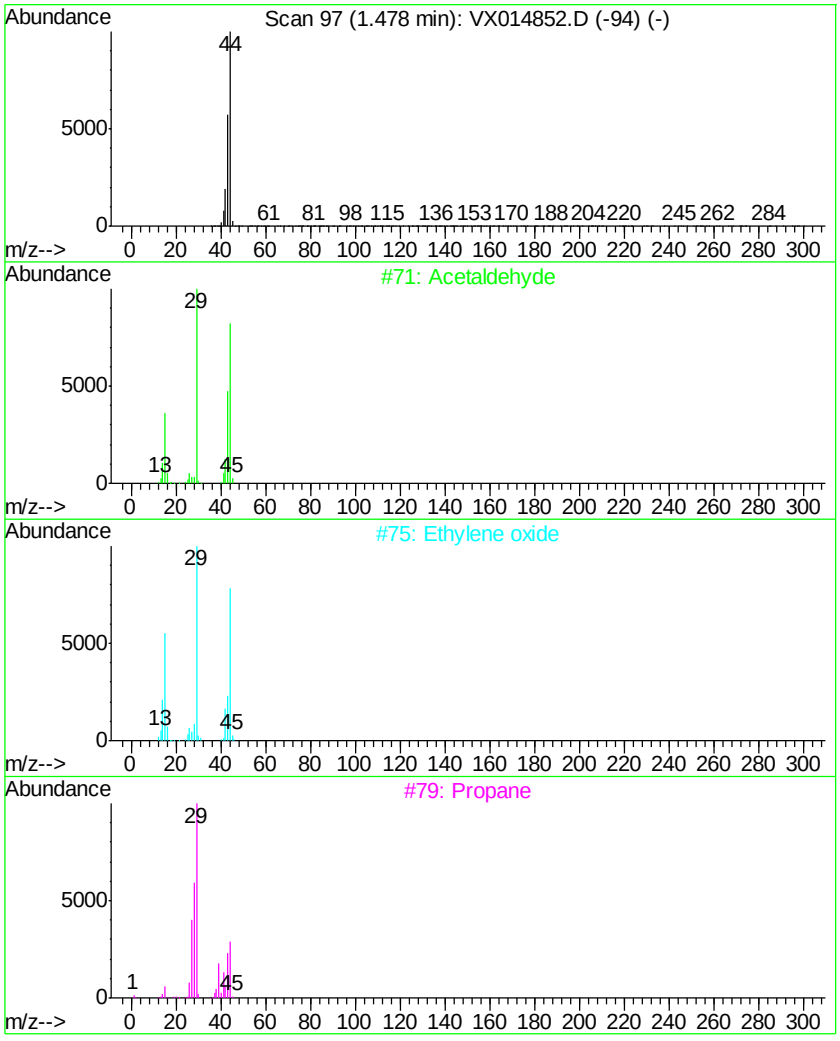
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

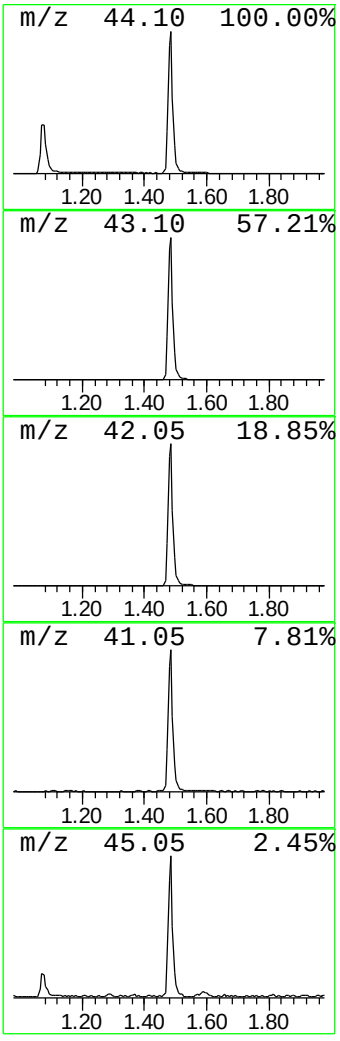
****

Peak Number 2 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	91.62 ug/l	2283710	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	64
2	Ethylene oxide	44	C2H4O	000075-21-8	5
3	Propane	44	C3H8	000074-98-6	4
4	Alanine	89	C3H7NO2	000056-41-7	4
5	Ethyne, fluoro-	44	C2HF	002713-09-9	3





Library Search Compound Report

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Data File : VX014852.D
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Operator : JC/SP
Sample : L1419-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30576

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

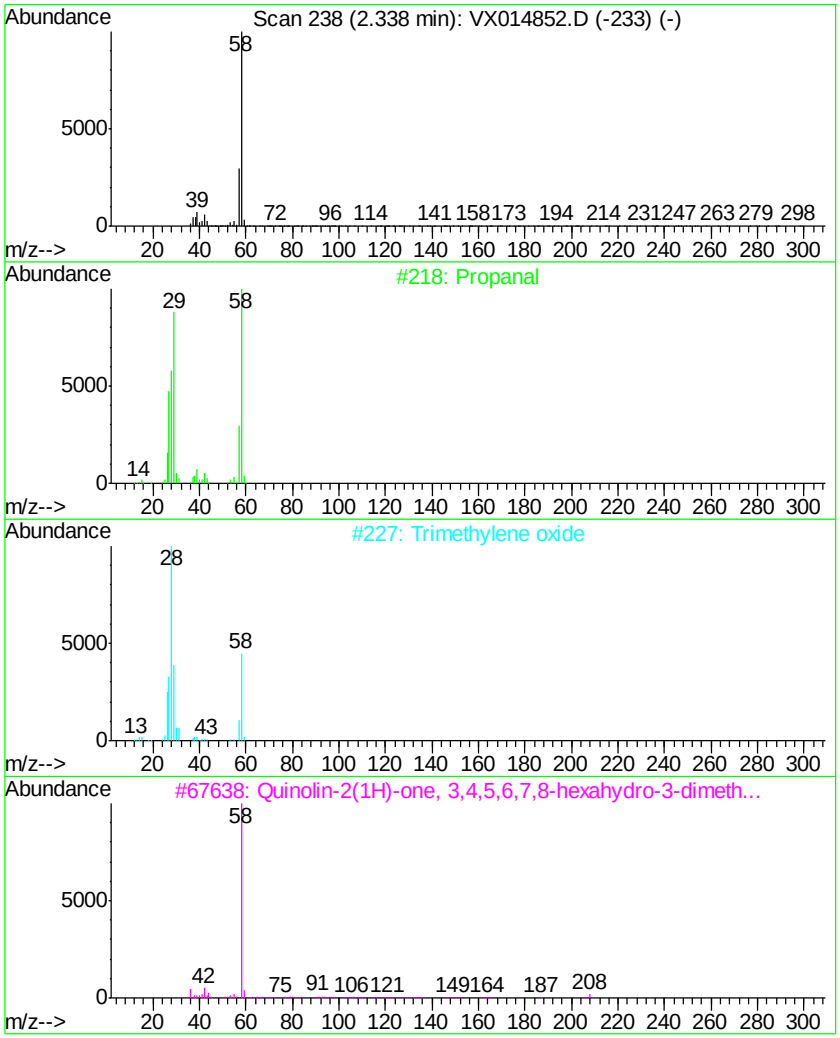
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

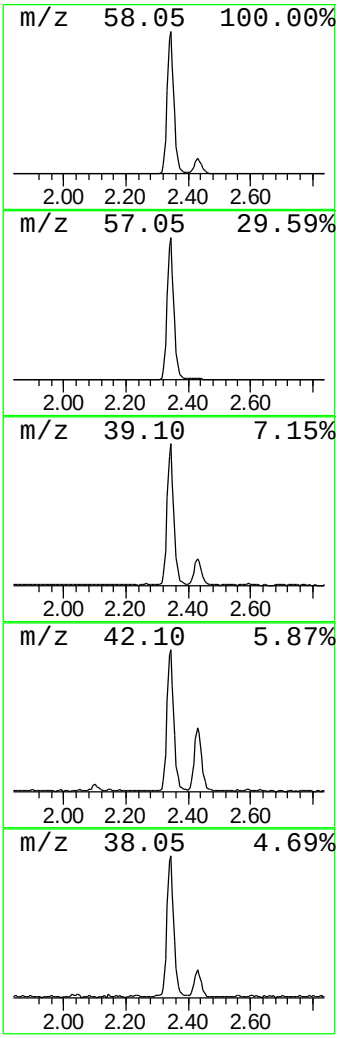
****

Peak Number 3 Propanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.34	78.18 ug/l	1948630	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal	58	C3H6O	000123-38-6	78
2	Trimethylene oxide	58	C3H6O	000503-30-0	56
3	Quinolin-2(1H)-one, 3,4,5,6,7,8-...	208	C12H20N2O	1000259-95-6	9
4	Oxirane, methyl-, (S)-	58	C3H6O	016088-62-3	7
5	Propylene oxide	58	C3H6O	000075-56-9	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020620\
Data File : VX014852.D
Acq On : 06 Feb 2020 16:57
Operator : JC/SP
Sample : L1419-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30576

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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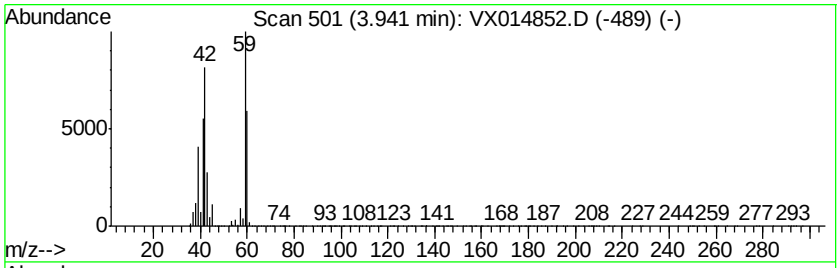
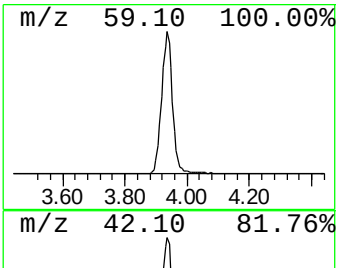
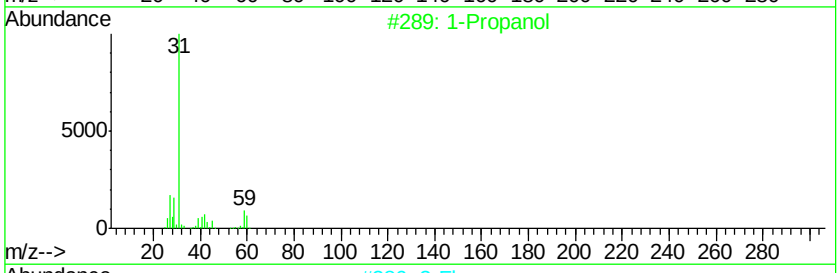
Peak Number 4 1-Propanol Concentration Rank 3

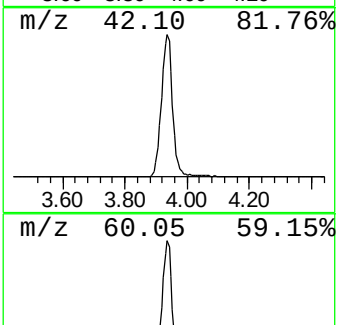
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	95.96 ug/l	2391900	Pentafluorobenzene	5.65

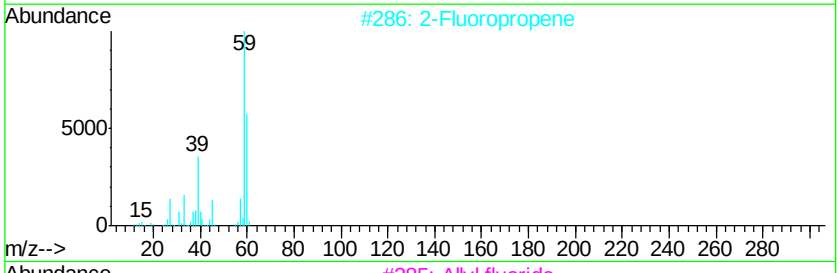
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	59
2	2-Fluoropropene	60	C3H5F	001184-60-7	46
3	Allyl fluoride	60	C3H5F	000818-92-8	38
4	Cyclopropane	42	C3H6	000075-19-4	25
5	Methanamine, N-hydroxy-N-methyl-	61	C2H7NO	005725-96-2	9

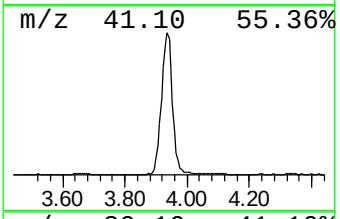


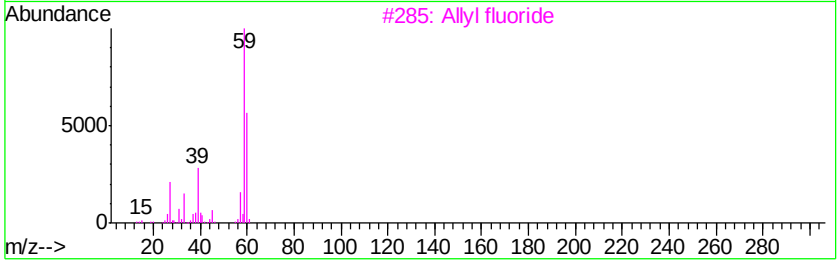


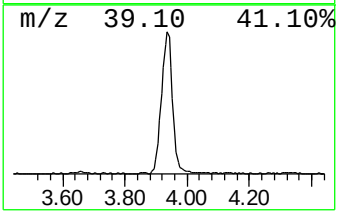












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020620\
Data File : VX014852.D
Acq On : 06 Feb 2020 16:57
Operator : JC/SP
Sample : L1419-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30576

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

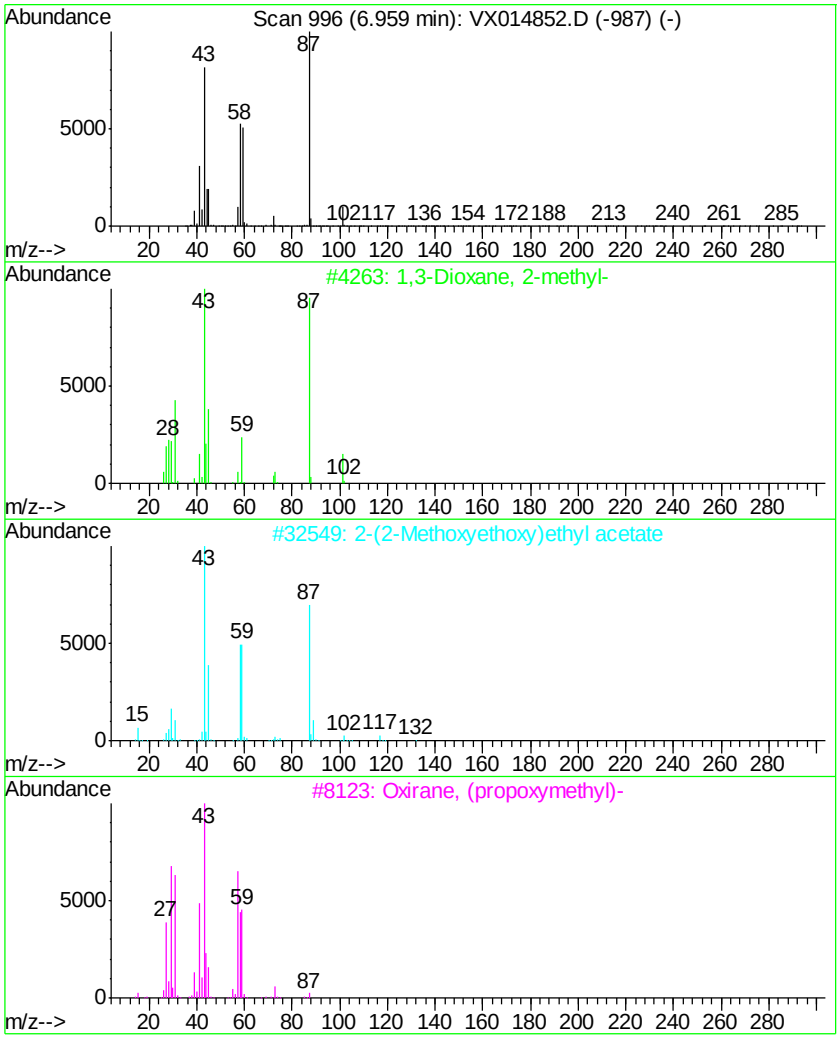
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

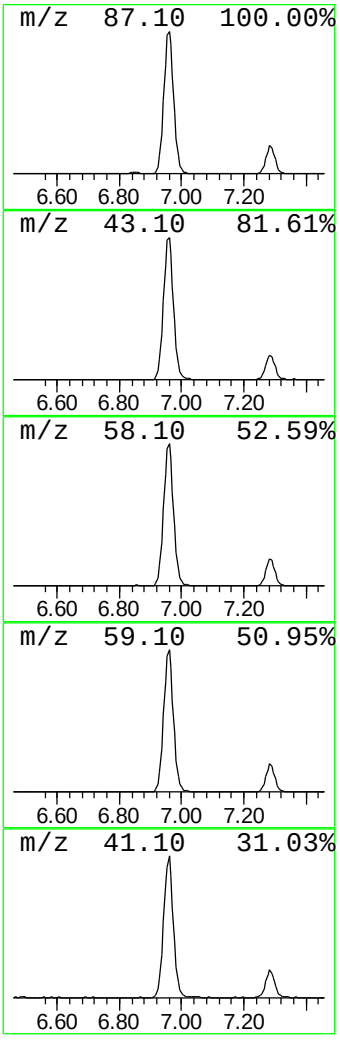
****

Peak Number 5 1,3-Dioxane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	103.35 ug/l	3325060	1,4-Difluorobenzene	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	50
2	2-(2-Methoxyethoxy)ethyl acetate	162	C7H14O4	1000351-95-4	38
3	Oxirane, (propoxymethyl)-	116	C6H12O2	003126-95-2	37
4	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	37
5	Methyl 4-O-methyl-d-arabinopyran...	178	C7H14O5	1000129-79-9	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020620\
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Sample : L1419-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30576

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

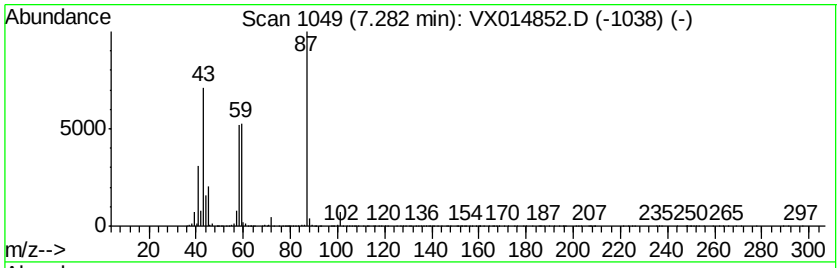
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

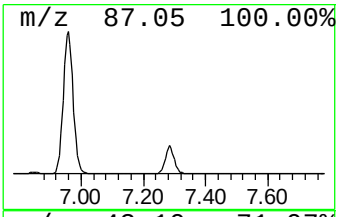
****

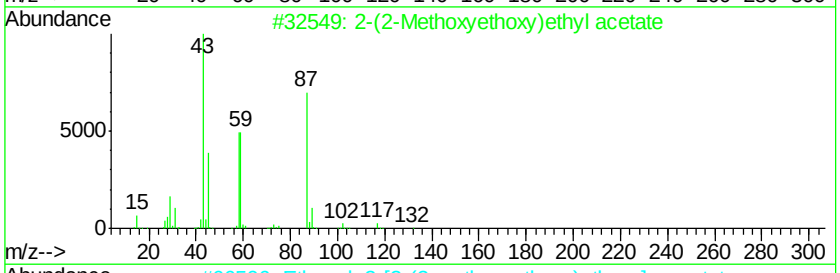
Peak Number 6 2-(2-Methoxyethoxy)ethyl ac... Concentration Rank 8

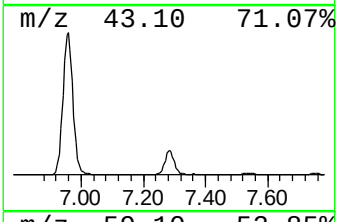
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	17.89 ug/l	575696	1,4-Difluorobenzene	6.85

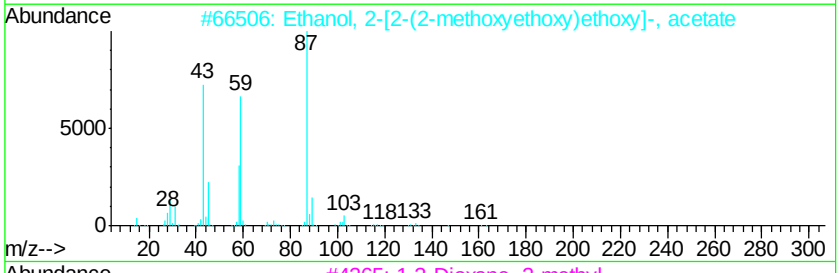
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Methoxyethoxy)ethyl acetate	162	C7H14O4	1000351-95-4	78
2	Ethanol, 2-[2-(2-methoxyethoxy)e...	206	C9H18O5	003610-27-3	64
3	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	52
4	1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	47
5	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	47

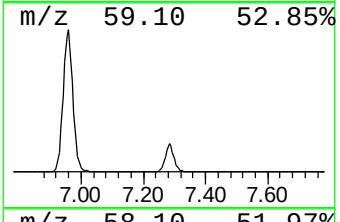


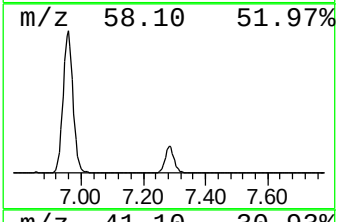


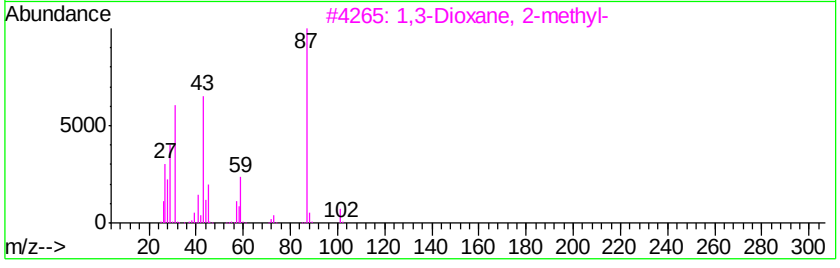


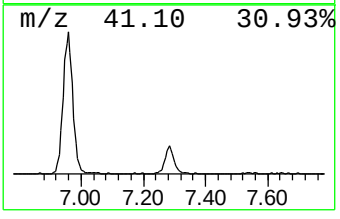












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Quant Title : SW846 8260

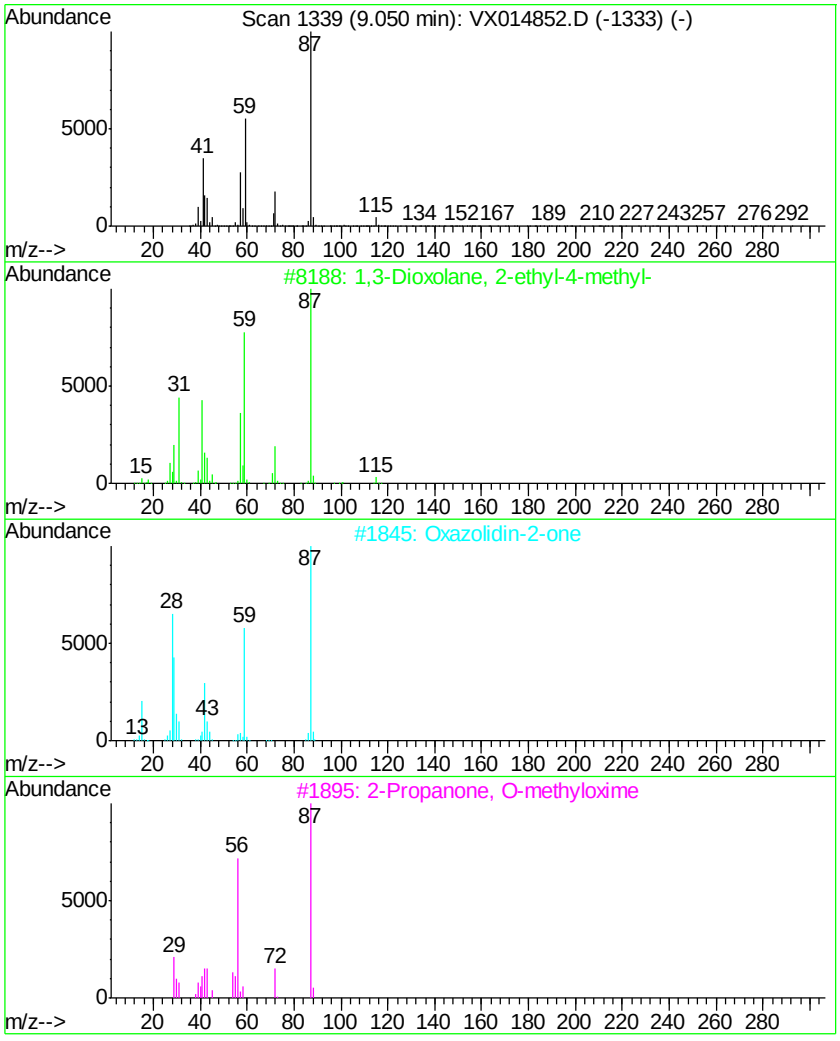
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

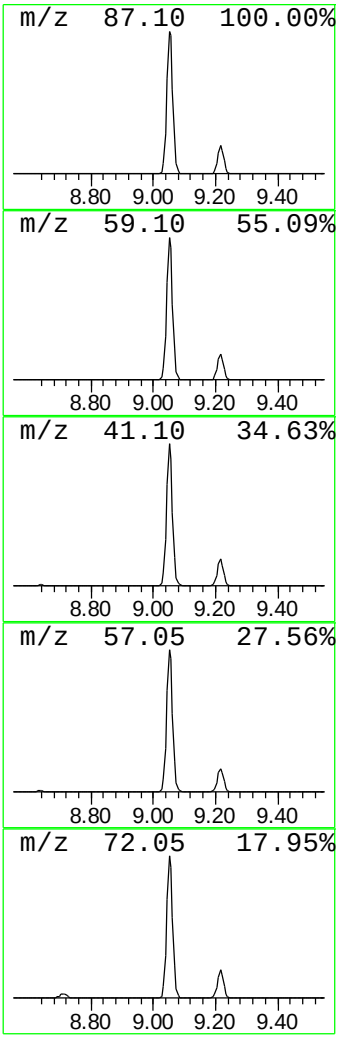
****

Peak Number 7 1,3-Dioxolane, 2-ethyl-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	122.76 ug/l	4950420	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	90
2	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	72
3	2-Propanone, O-methyloxime	87	C4H9NO	003376-35-0	52
4	2-[2-[2-[2-(2-Methoxyethoxy)etho...	294	C13H26O7	1000351-91-3	50
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	50





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_X
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	1.48	91.6	ug/l	2283710	1	5.65	1246250	50.0
Propanal	2.34	78.2	ug/l	1948630	1	5.65	1246250	50.0
1-Propanol	3.94	96.0	ug/l	2391900	1	5.65	1246250	50.0
1,3-Dioxane, 2-me...	6.96	103.3	ug/l	3325060	2	6.85	1608580	50.0
2-(2-Methoxyethox...	7.28	17.9	ug/l	575696	2	6.85	1608580	50.0
1,3-Dioxolane, 2-...	9.05	122.8	ug/l	4950420	3	10.11	2016230	50.0