LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012809.D
Acq On : 04 Oct 2019 14:15
Operator : JC/SP
Sample : K5189-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-PZ163I-20190930

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\82X092319W.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	26	30	42	rBV	403878	500088	53.68%	8.456%
2	1.265	58	62	68	rBV	48514	57469	6.17%	0.972%
3	1.381	78	81	85	rVB	7083	9836	1.06%	0.166%
4	1.594	110	116	121	rVB9	6434	10986	1.18%	0.186%
5	2.436	248	254	260	rBV2	5807	10924	1.17%	0.185%
6	2.594	271	280	292	rBV	42234	78751	8.45%	1.332%
7	5.490	743	755	766	rBV	103997	296740	31.85%	5.018%
8	5.654	772	782	796	rBV	190492	533715	57.29%	9.025%
9	6.051	836	847	860	rBV	120632	320654	34.42%	5.422%
10	6.849	968	978	994	rBV	298888	705911	75.78%	11.937%
11	8.709	1276	1283	1292	rBV	594815	931552	100.00%	15.752%
12	9.331	1380	1385	1391	rBV	17753	27296	2.93%	0.462%
13	10.111	1507	1513	1524	rBV	538540	759812	81.56%	12.848%
14	11.135	1675	1681	1690	rBV	419694	546397	58.65%	9.239%
15	12.019	1820	1826	1830	rBV7	8125	15414	1.65%	0.261%
16	12.074	1830	1835	1848	rVB	498003	618688	66.41%	10.462%
17	14.165	2171	2178	2187	rBV6	6932	19613	2.11%	0.332%
18	14.244	2187	2191	2195	rBV4	13799	18043	1.94%	0.305%
19	14.494	2227	2232	2236	rBV2	13537	19658	2.11%	0.332%
20	14.683	2259	2263	2266	rBV3	13012	16933	1.82%	0.286%
21	14.744	2268	2273	2282	rVB8	16498	46066	4.95%	0.779%
22	14.970	2305	2310	2327	rBV	196714	369190	39.63%	6.243%

Sum of corrected areas: 5913736

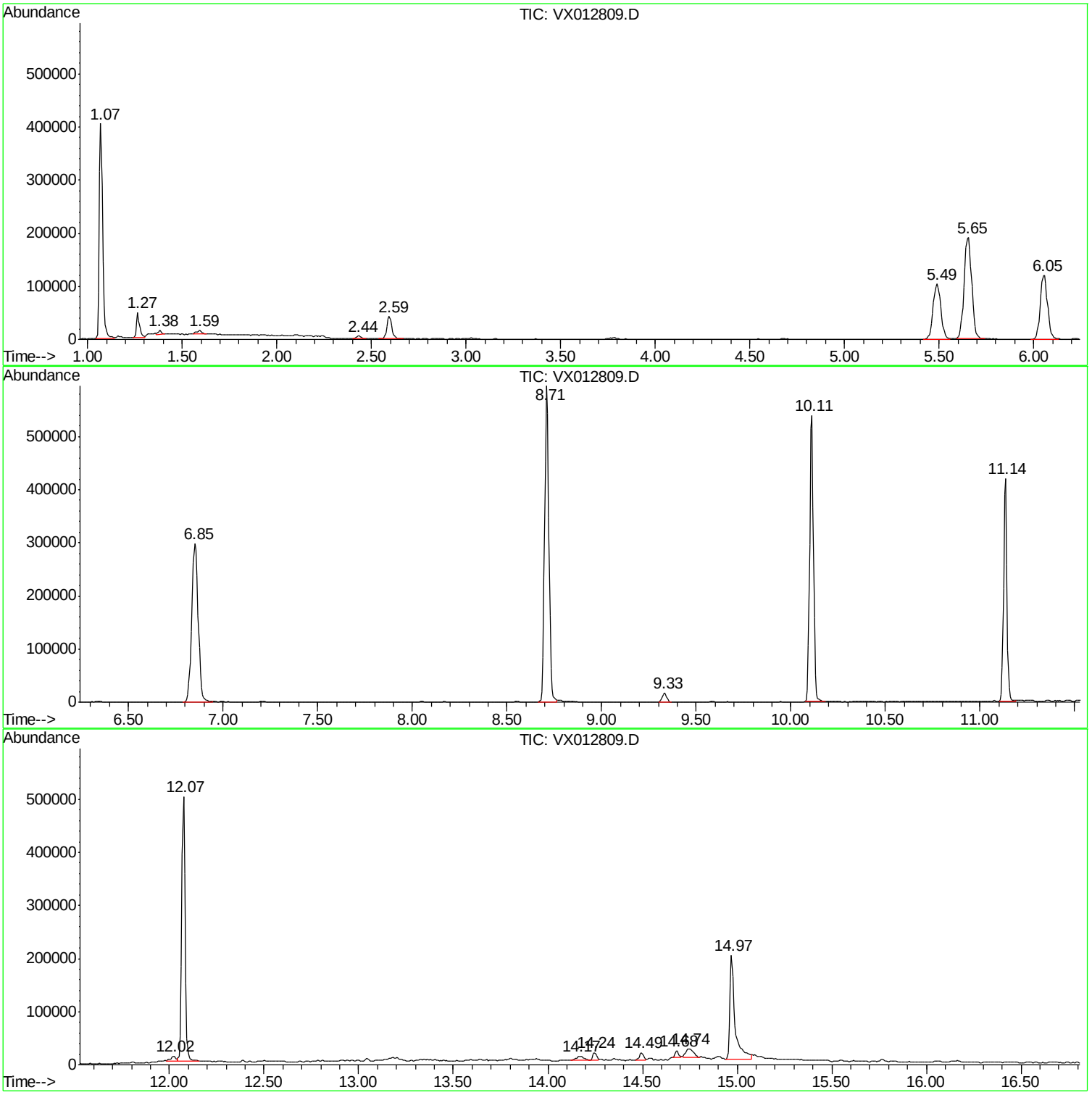
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
Data File : VX012809.D
Acq On : 04 Oct 2019 14:15
Operator : JC/SP
Sample : K5189-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ163I-20190930

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.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\VX100419\
Data File : VX012809.D
Acq On : 04 Oct 2019 14:15
Operator : JC/SP
Sample : K5189-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-PZ163I-20190930

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

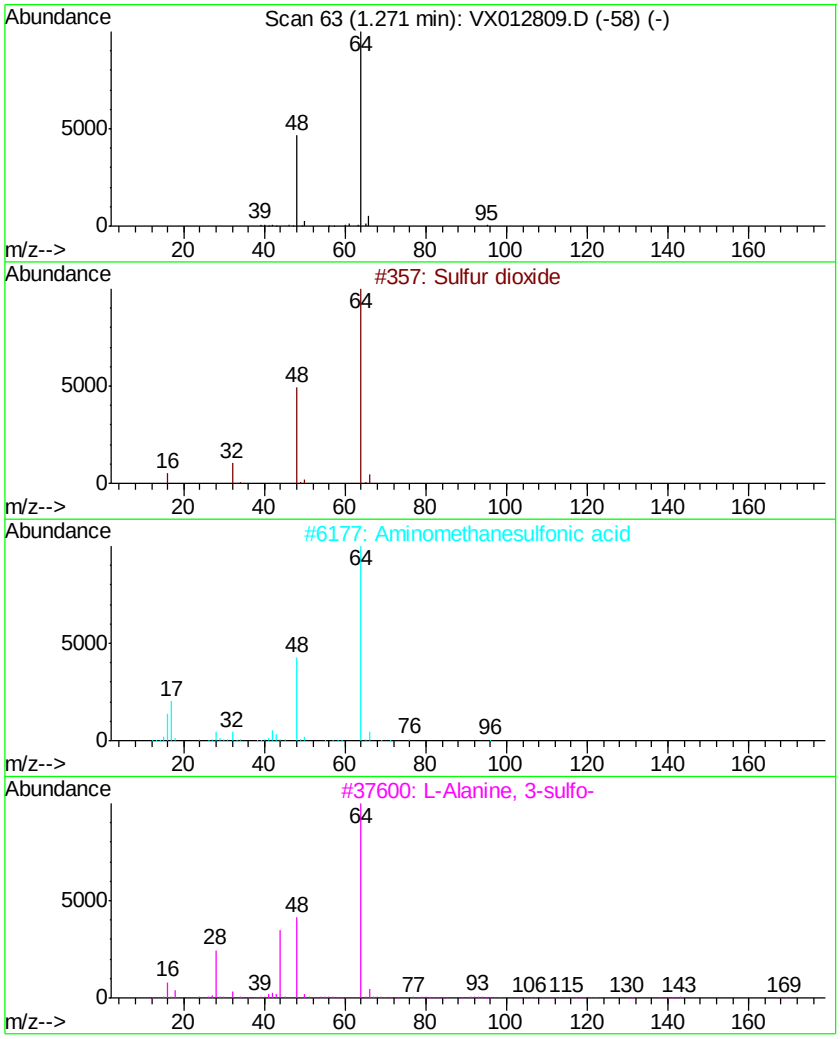
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

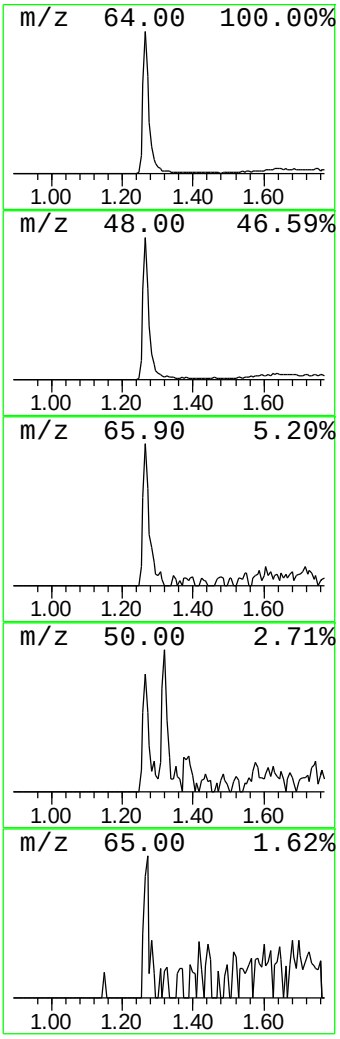
****

Peak Number 2 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	5.38 ug/l	57469	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012809.D
Acq On : 04 Oct 2019 14:15
Operator : JC/SP
Sample : K5189-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-PZ163I-20190930

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

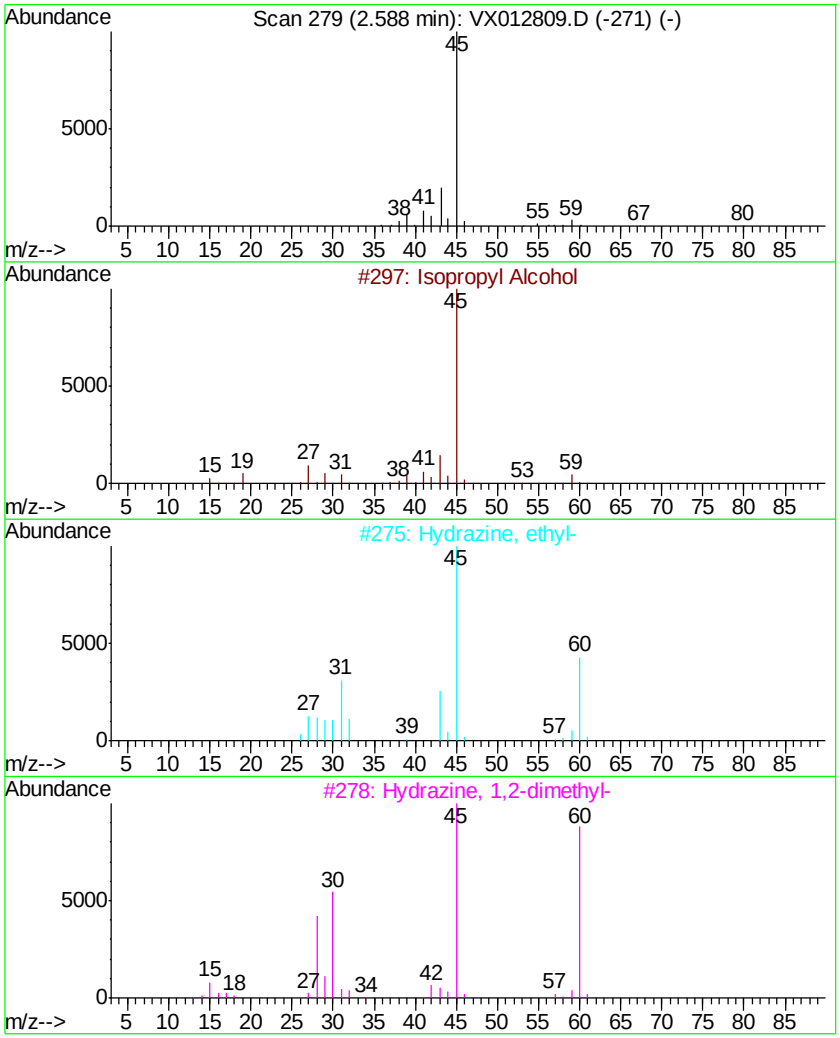
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

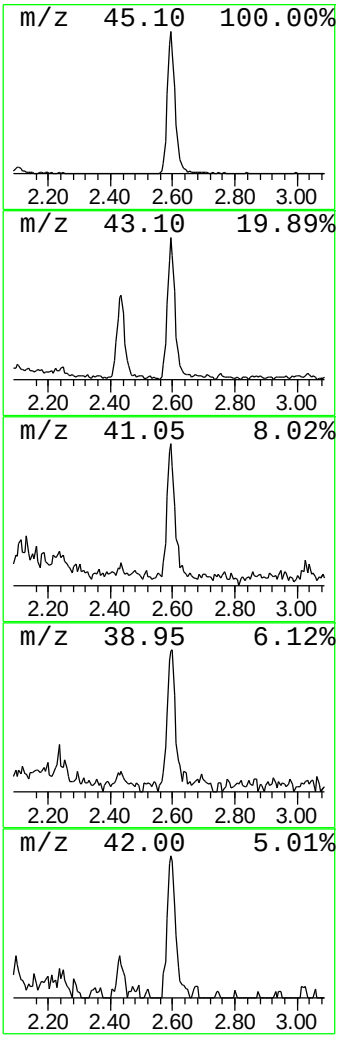
****

Peak Number 3 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	7.38 ug/l	78751	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
3	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
4	Formamide	45	CH3NO	000075-12-7	5
5	Ethylamine	45	C2H7N	000075-04-7	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012809.D
Acq On : 04 Oct 2019 14:15
Operator : JC/SP
Sample : K5189-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-PZ163I-20190930

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

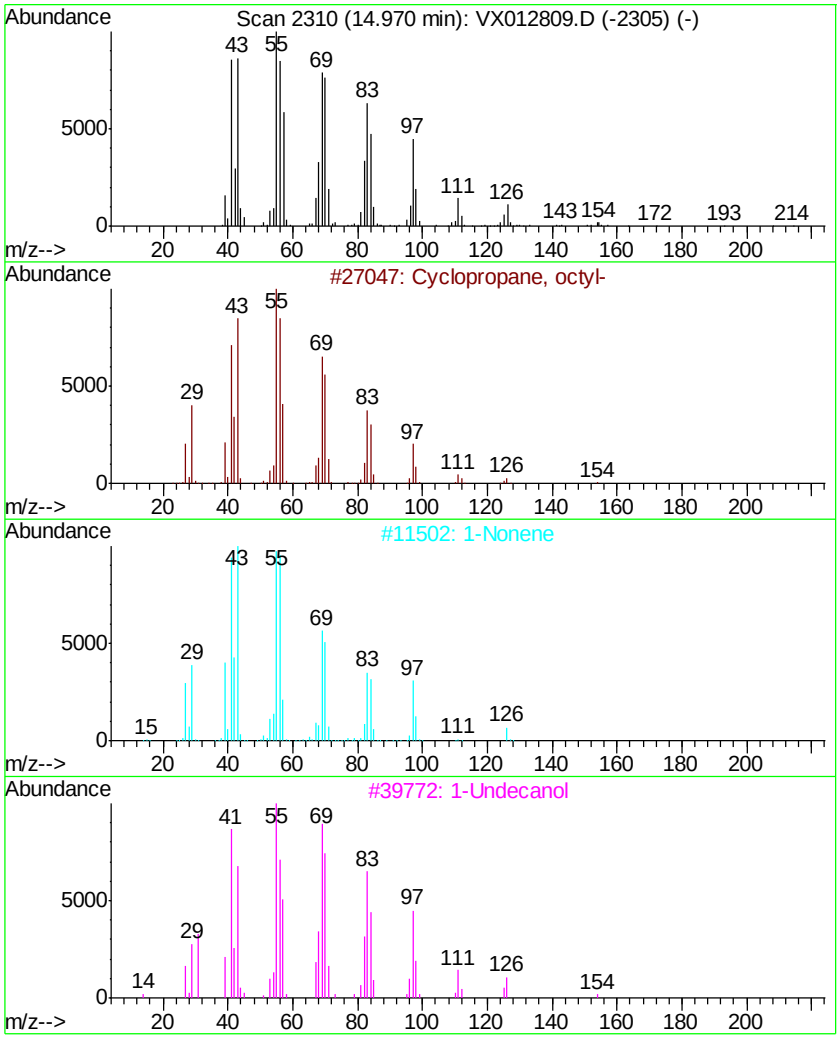
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

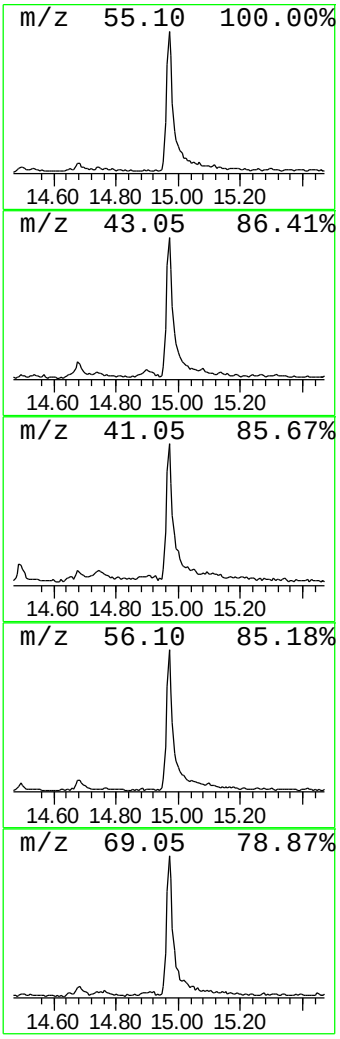
****

Peak Number 4 Cyclopropane, octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	29.84 ug/l	369190	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, octyl-	154	C11H22	001472-09-9	97
2	1-Nonene	126	C9H18	000124-11-8	96
3	1-Undecanol	172	C11H24O	000112-42-5	91
4	1-Dodecanol	186	C12H26O	000112-53-8	90
5	Formic acid, undecyl ester	200	C12H24O2	1000368-25-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012809.D
Acq On : 04 Oct 2019 14:15
Operator : JC/SP
Sample : K5189-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-PZ163I-20190930

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
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
Sulfur dioxide	1.27	5.4	ug/l	57469	1	5.65	533715	50.0
Isopropyl Alcohol	2.59	7.4	ug/l	78751	1	5.65	533715	50.0
Cyclopropane, octyl-	14.97	29.8	ug/l	369190	4	12.07	618688	50.0