LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022243.D
Acq On : 27 May 2021 19:24
Operator : JC/MD
Sample : M2549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PILOT-PLANT-PROCESS-BLEED

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\82X051921W.M
Title : SW846 8260

Signal : TIC: VX022243.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	24	27	33	rVB	26018	24495	5.04%	0.751%
2	1.374	44	47	53	rBV	16954	18127	3.73%	0.556%
3	1.453	56	60	73	rVV	395787	429487	88.33%	13.169%
4	1.557	75	77	84	rVB4	2662	4905	1.01%	0.150%
5	2.063	155	160	171	rBV	28056	46125	9.49%	1.414%
6	4.245	510	518	528	rBV2	3893	10358	2.13%	0.318%
7	4.684	581	590	606	rBV	62633	177972	36.60%	5.457%
8	5.032	636	647	653	rBV3	7537	24380	5.01%	0.748%
9	5.111	653	660	671	rVB3	5187	15454	3.18%	0.474%
10	5.397	696	707	722	rBV3	51192	146977	30.23%	4.507%
11	5.562	722	734	748	rVB2	79788	226903	46.67%	6.957%
12	5.836	771	779	790	rBV2	13412	36884	7.59%	1.131%
13	5.964	790	800	815	rVB	66714	169277	34.82%	5.190%
14	6.769	922	932	947	rBV	145962	345228	71.00%	10.585%
15	7.665	1073	1079	1088	rVB2	5199	9835	2.02%	0.302%
16	8.653	1234	1241	1252	rVB	320140	486216	100.00%	14.908%
17	10.055	1465	1471	1482	rBV	289804	406377	83.58%	12.460%
18	10.945	1612	1617	1626	rVB	36184	46278	9.52%	1.419%
19	11.085	1634	1640	1651	rVB	229999	287573	59.15%	8.818%
20	12.024	1789	1794	1800	rBV	284364	348536	71.68%	10.687%

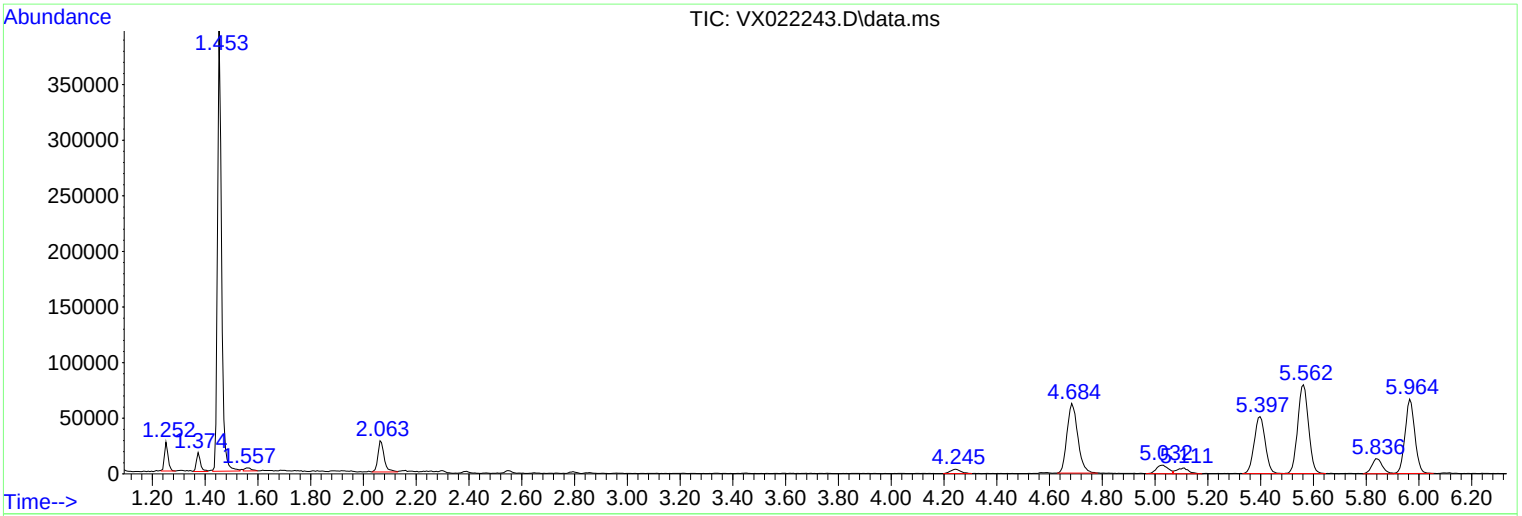
Sum of corrected areas: 3261387

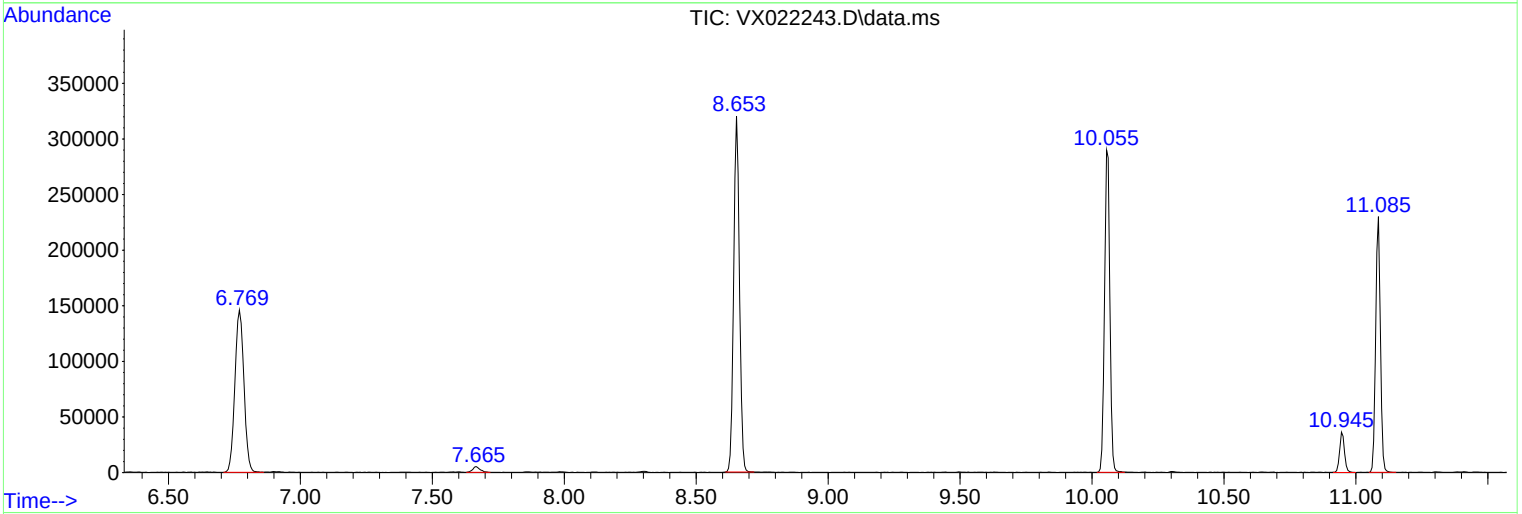
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022243.D
Acq On : 27 May 2021 19:24
Operator : JC/MD
Sample : M2549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

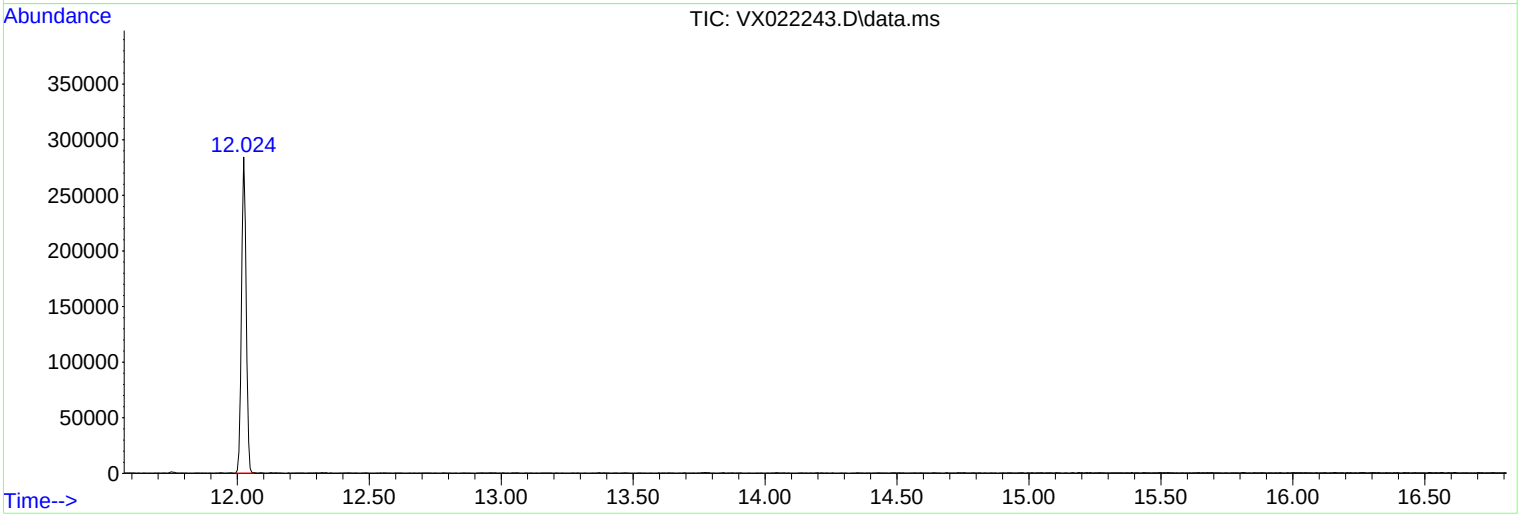
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022243.D
Acq On : 27 May 2021 19:24
Operator : JC/MD
Sample : M2549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

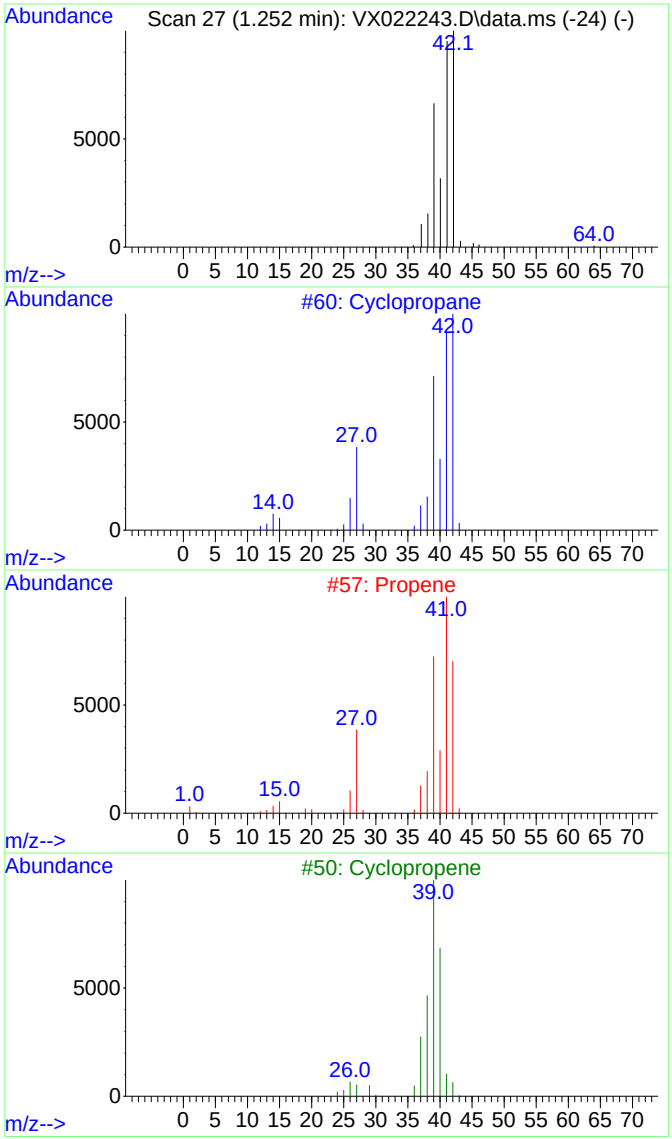
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

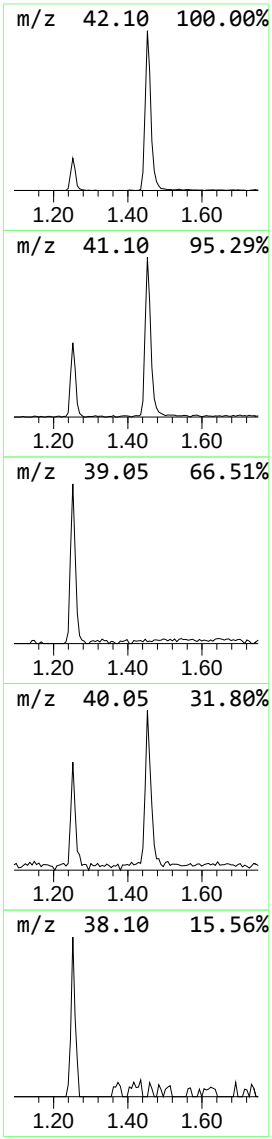
****

Peak Number 1 Cyclopropane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.252	5.40 ug/l	24495	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane	42	C3H6	000075-19-4	90
2	Propene	42	C3H6	000115-07-1	83
3	Cyclopropene	40	C3H4	002781-85-3	9
4	Methylenecyclopropane	54	C4H6	006142-73-0	4
5	Acetonitrile	41	C2H3N	000075-05-8	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022243.D
Acq On : 27 May 2021 19:24
Operator : JC/MD
Sample : M2549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

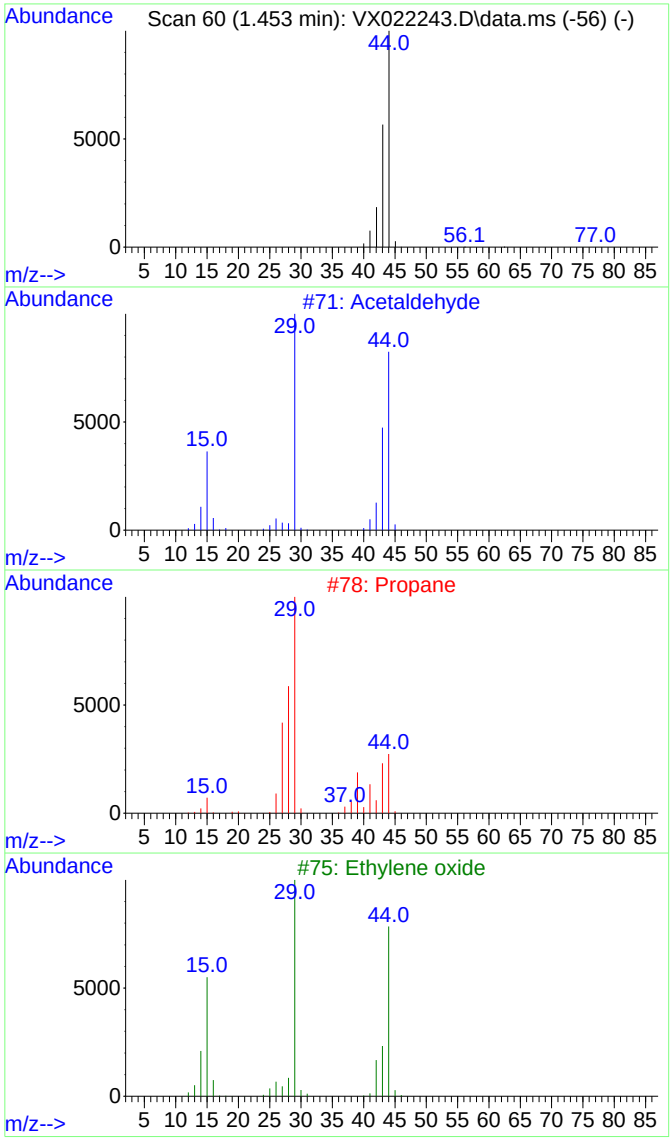
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

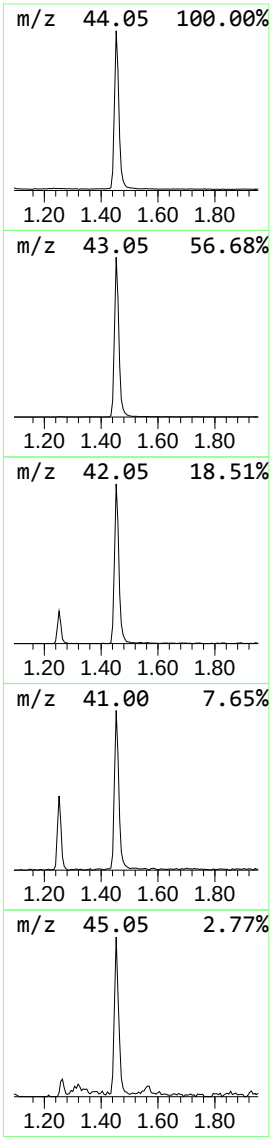
****

Peak Number 2 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.453	94.64 ug/l	429487	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Propane	44	C3H8	000074-98-6	5
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Alanine	89	C3H7NO2	000056-41-7	4
5	1,2-Propanediamine	74	C3H10N2	000078-90-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022243.D
Acq On : 27 May 2021 19:24
Operator : JC/MD
Sample : M2549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

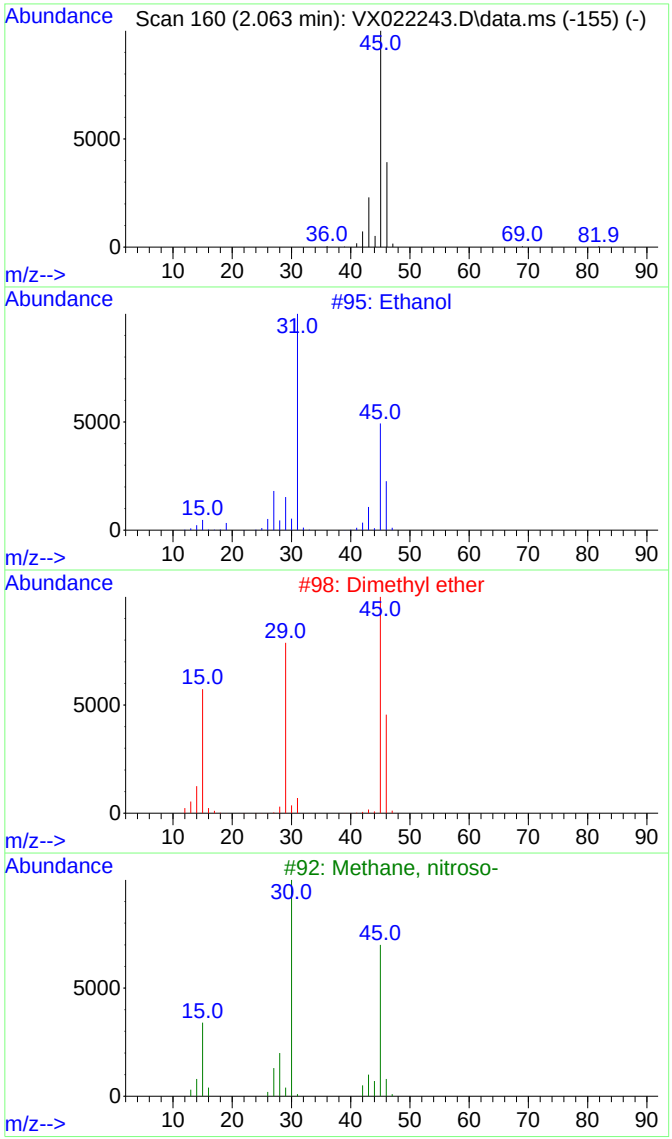
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

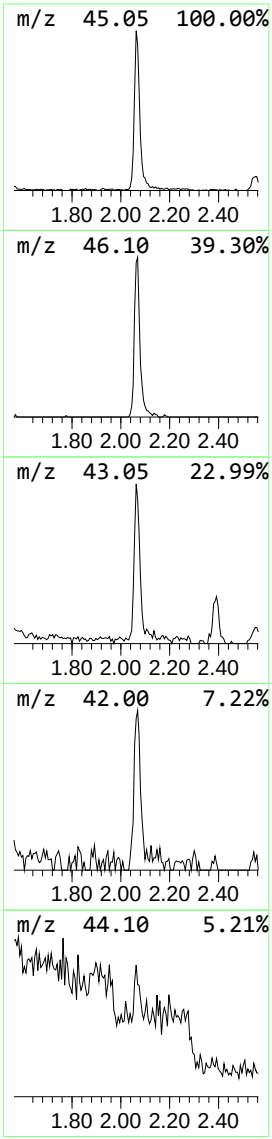
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.063	10.16 ug/l	46125	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	83
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Propanedioic acid, dihydroxy-	136	C3H4O6	000560-27-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022243.D
Acq On : 27 May 2021 19:24
Operator : JC/MD
Sample : M2549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

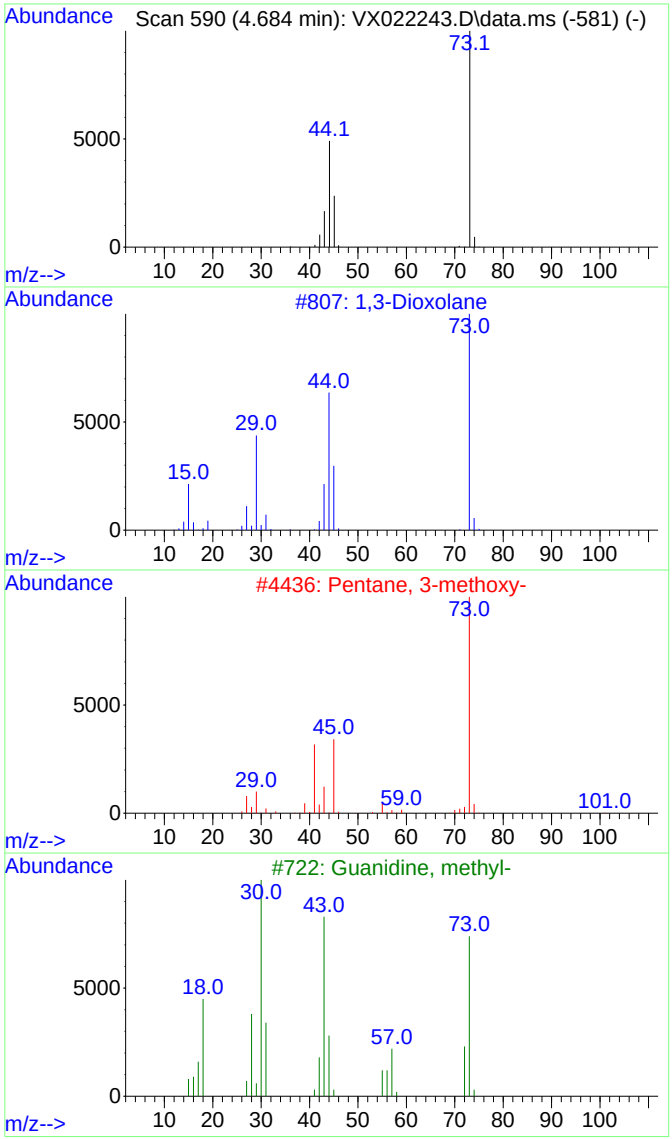
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

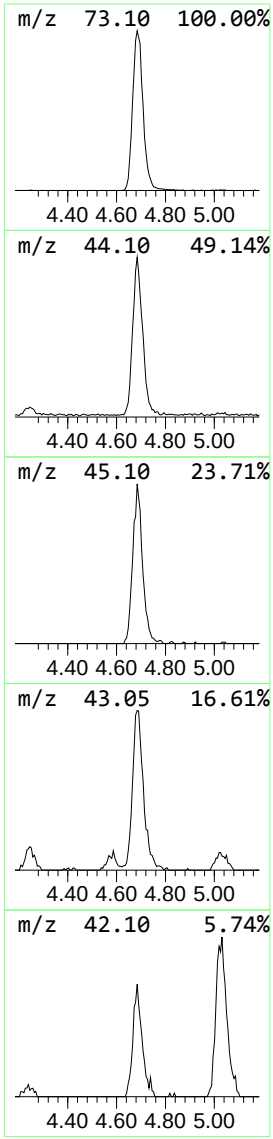
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,3-Dioxolane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.684	39.22 ug/l	177972	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	90
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Guanidine, methyl-	73	C2H7N3	000471-29-4	5
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022243.D
Acq On : 27 May 2021 19:24
Operator : JC/MD
Sample : M2549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

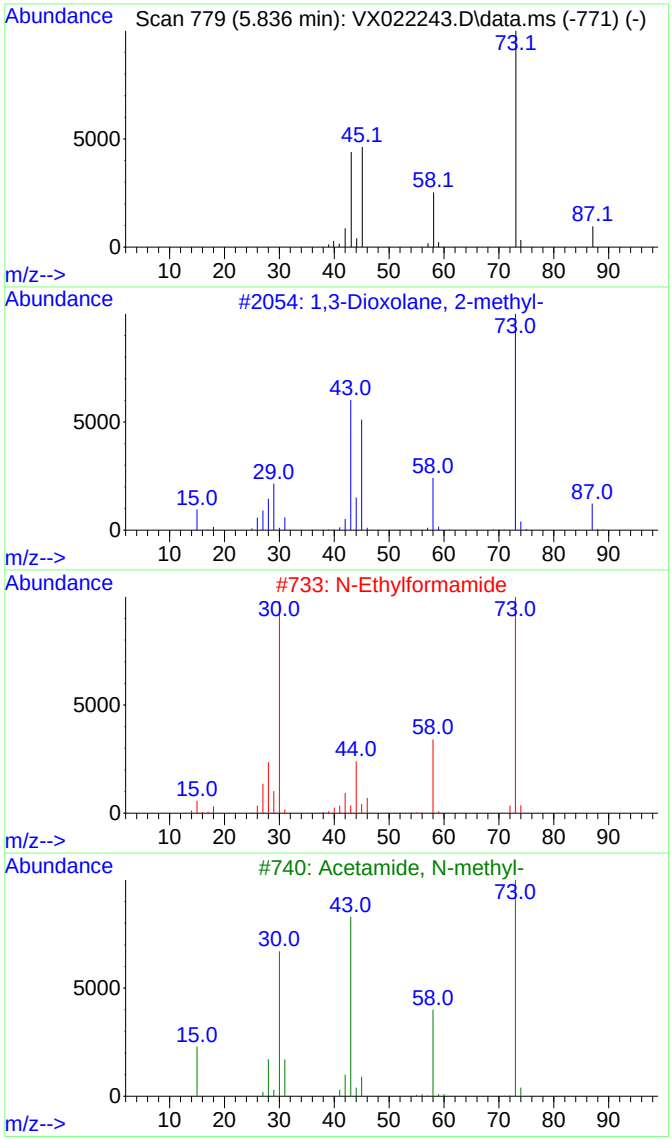
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

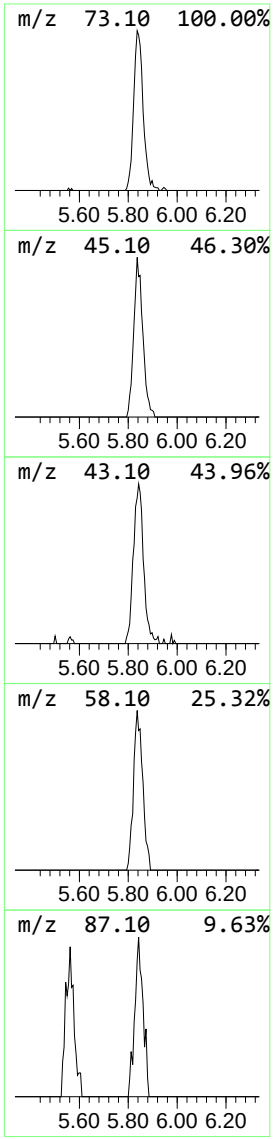
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3-Dioxolane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.836	8.13 ug/l	36884	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	74
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	Ethene, methoxy-	58	C3H6O	000107-25-5	4
5	2-Propanone, oxime	73	C3H7NO	000127-06-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022243.D
Acq On : 27 May 2021 19:24
Operator : JC/MD
Sample : M2549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

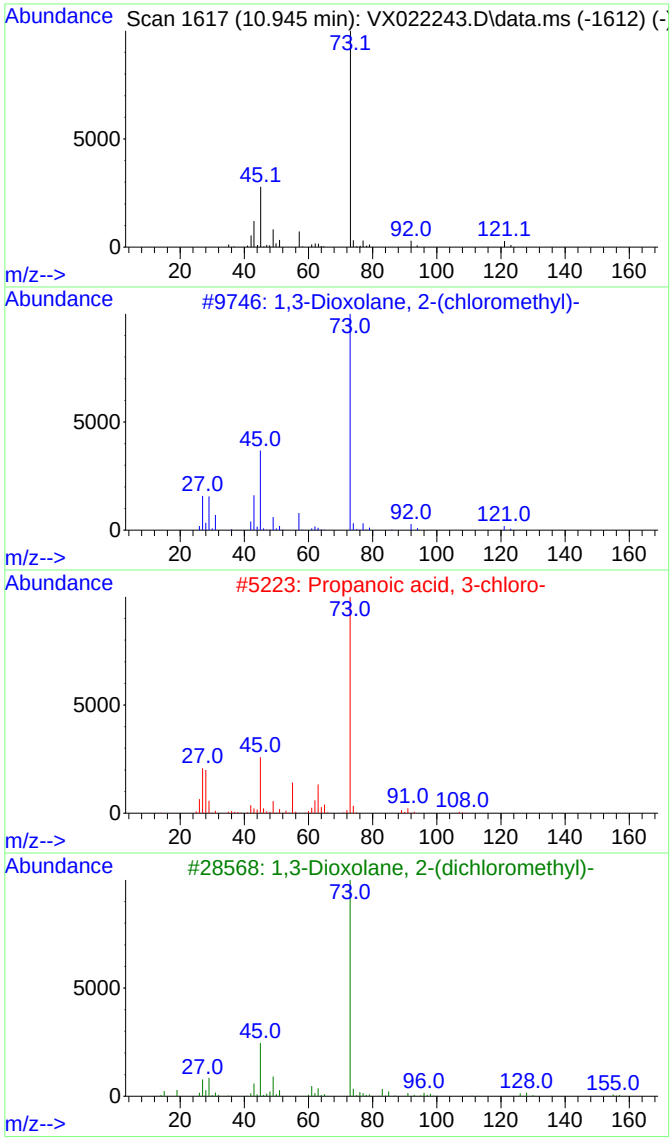
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

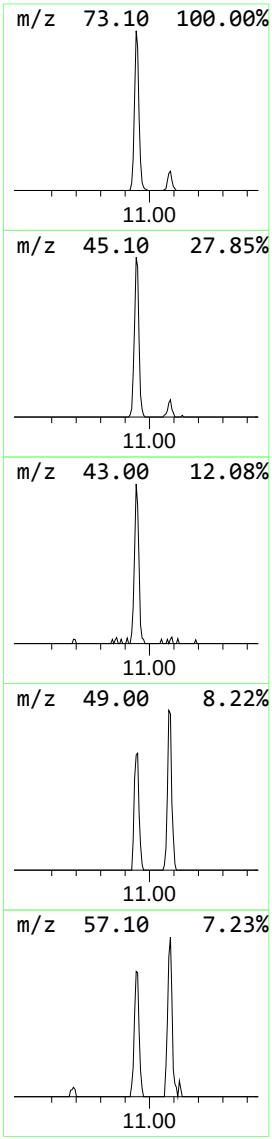
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3-Dioxolane, 2-(chloromet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.945	5.69 ug/l	46278	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	64
2	Propanoic acid, 3-chloro-	108	C3H5ClO2	000107-94-8	39
3	1,3-Dioxolane, 2-(dichloromethyl)-	156	C4H6Cl2O2	002612-35-3	38
4	1,3-Dioxolane, 2-(phenylmethyl)-	164	C10H12O2	000101-49-5	23
5	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022243.D
Acq On : 27 May 2021 19:24
Operator : JC/MD
Sample : M2549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PILOT-PLANT-PROCESS-BLEED

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.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
Cyclopropane	1.252	5.4	ug/l	24495	1	5.562	226903	50.0
Acetaldehyde	1.453	94.6	ug/l	429487	1	5.562	226903	50.0
Ethanol	2.063	10.2	ug/l	46125	1	5.562	226903	50.0
1,3-Dioxolane	4.684	39.2	ug/l	177972	1	5.562	226903	50.0
1,3-Dioxolane, ...	5.836	8.1	ug/l	36884	1	5.562	226903	50.0
1,3-Dioxolane, ...	10.945	5.7	ug/l	46278	3	10.061	406377	50.0