LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071321\
Data File : VX023266.D
Acq On : 13 Jul 2021 16:40
Operator : JC/MD
Sample : M3024-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 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\82X070221W.M
Title : SW846 8260

Signal : TIC: VX023266.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	80648	75335	2.88%	0.614%
2	1.374	44	47	53	rVB	31169	32108	1.23%	0.262%
3	1.453	56	60	72	rBV	2385730	2613796	100.00%	21.314%
4	1.599	81	84	92	rVB	26840	34946	1.34%	0.285%
5	2.063	155	160	168	rBV	90035	131082	5.02%	1.069%
6	4.678	578	589	608	rBV	687148	1974620	75.55%	16.102%
7	5.019	633	645	665	rBV2	64578	204295	7.82%	1.666%
8	5.391	694	706	720	rBV	140479	405948	15.53%	3.310%
9	5.556	722	733	751	rVB	252154	704887	26.97%	5.748%
10	5.830	766	778	790	rBV	316383	849062	32.48%	6.924%
11	5.958	790	799	815	rVB	157296	418329	16.00%	3.411%
12	6.763	919	931	948	rBV	377246	894985	34.24%	7.298%
13	7.659	1072	1078	1087	rBV2	38017	76757	2.94%	0.626%
14	8.653	1234	1241	1254	rBV	751241	1189544	45.51%	9.700%
15	10.055	1465	1471	1486	rBV	755561	1014679	38.82%	8.274%
16	11.085	1634	1640	1650	rBV	612350	773209	29.58%	6.305%
17	12.024	1788	1794	1802	rBV	711491	869598	33.27%	7.091%

Sum of corrected areas: 12263180

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Instrument :
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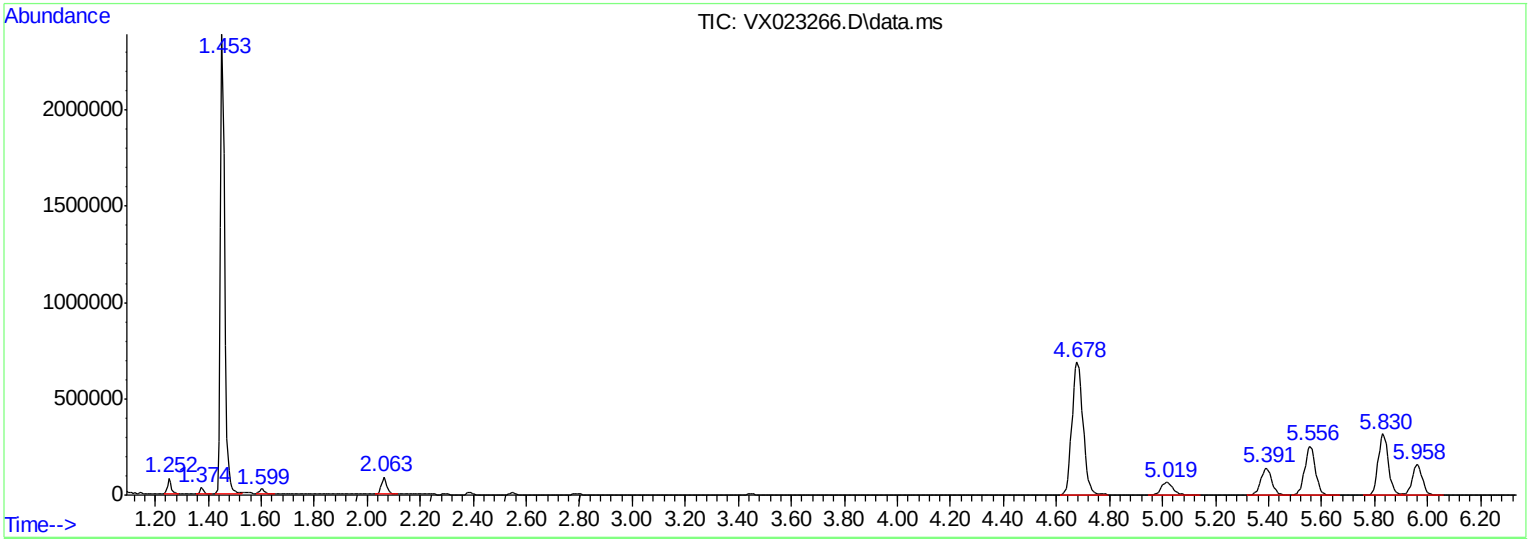
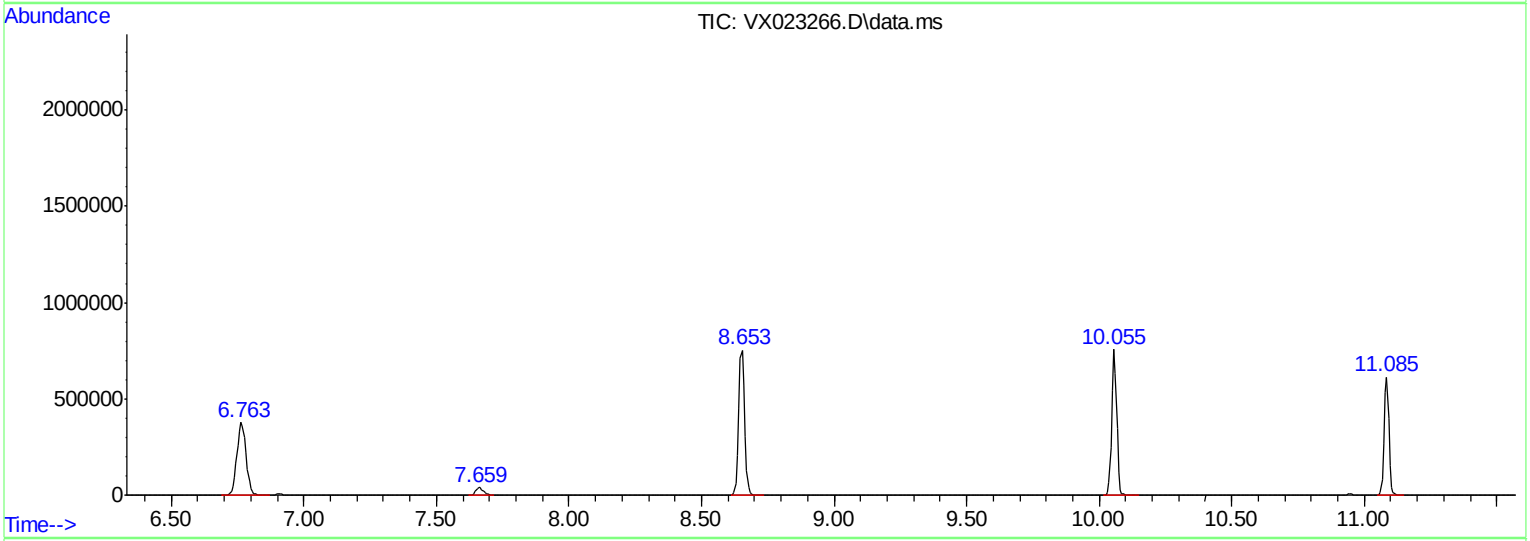
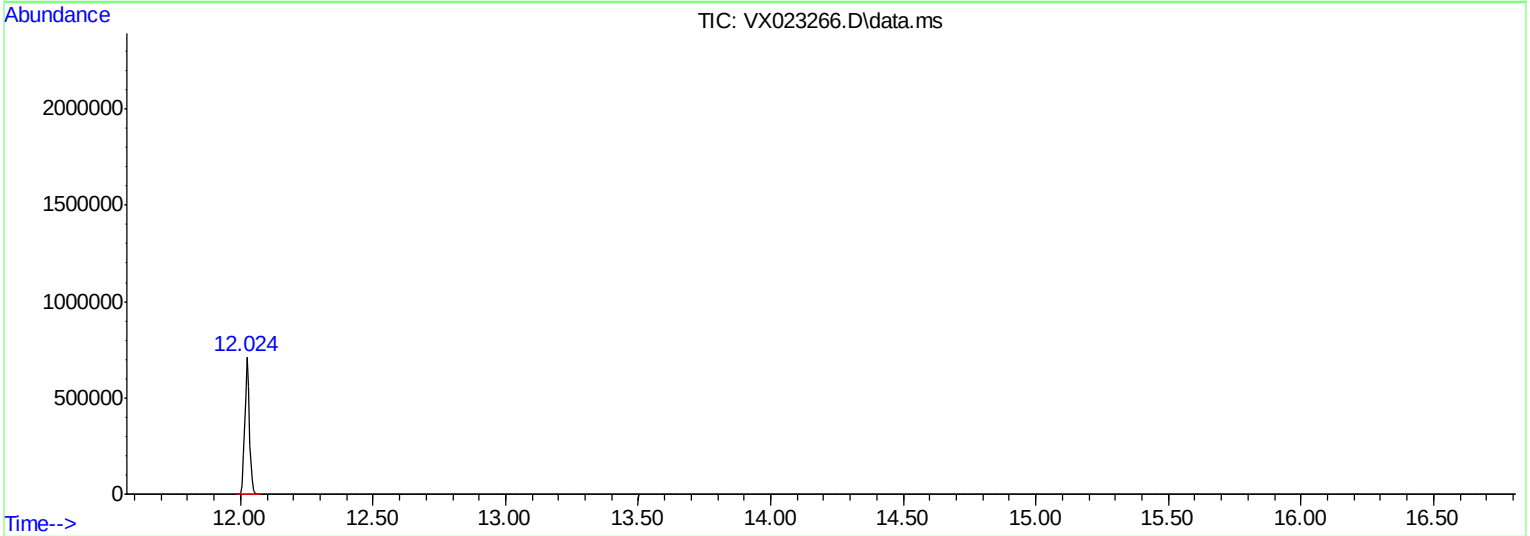
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260

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







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Quant Title : SW846 8260

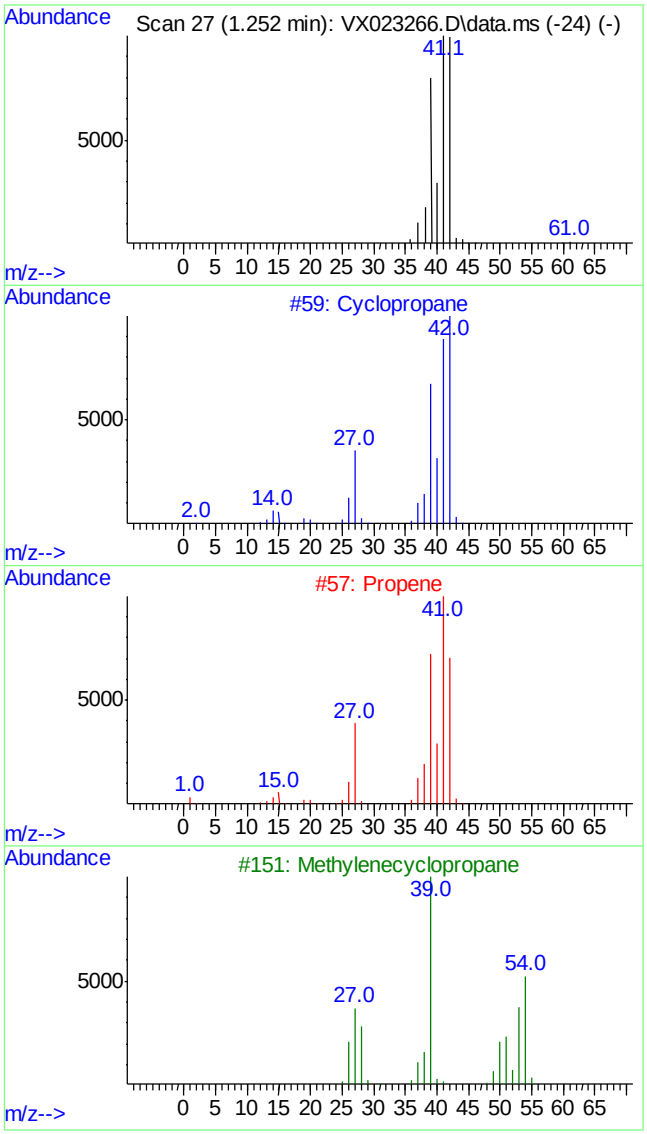
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

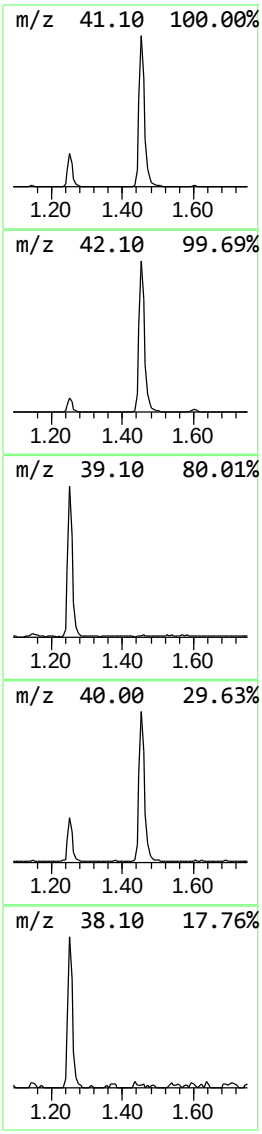
****

Peak Number 1 Cyclopropane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.252	5.34 ug/l	75335	Pentafluorobenzene	5.556

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	Methylenecyclopropane	54	C4H6	006142-73-0	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4





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ALS Vial : 15 Sample Multiplier: 1

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

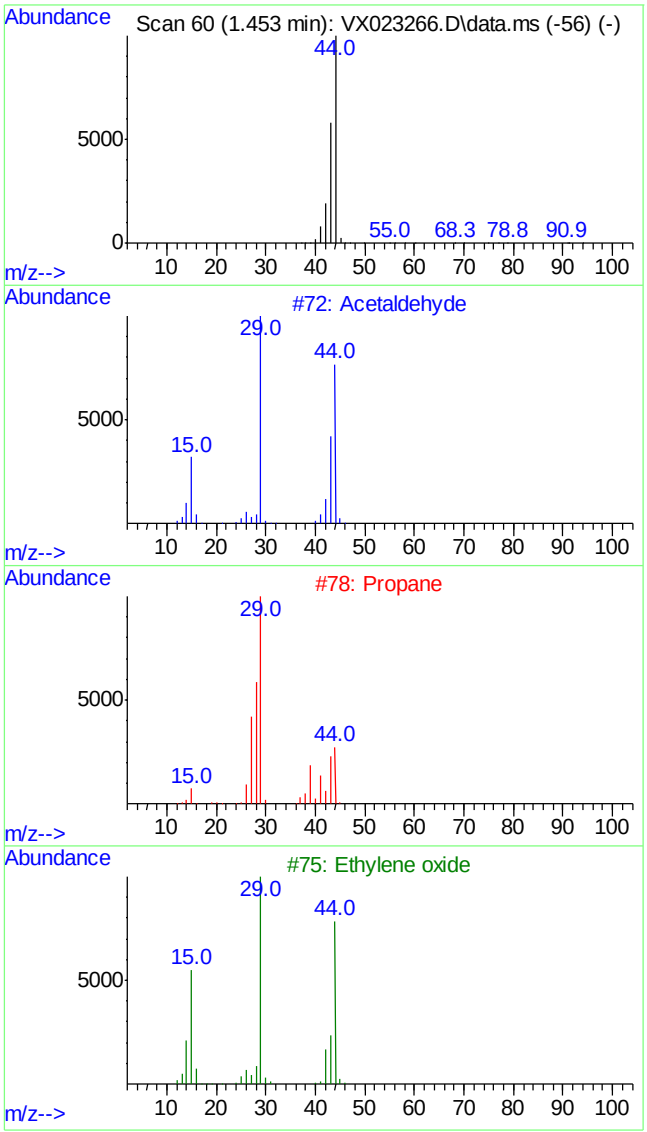
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260

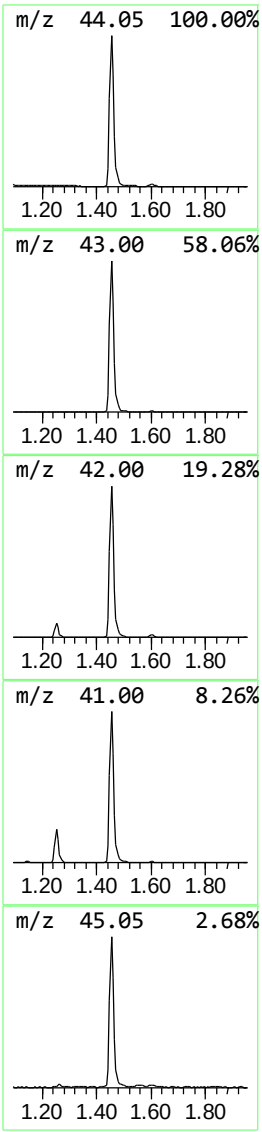
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.453	185.41 ug/l	2613800	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	64
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	Ethyne, fluoro-	44	C2HF	002713-09-9	3





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ALS Vial : 15 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260

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

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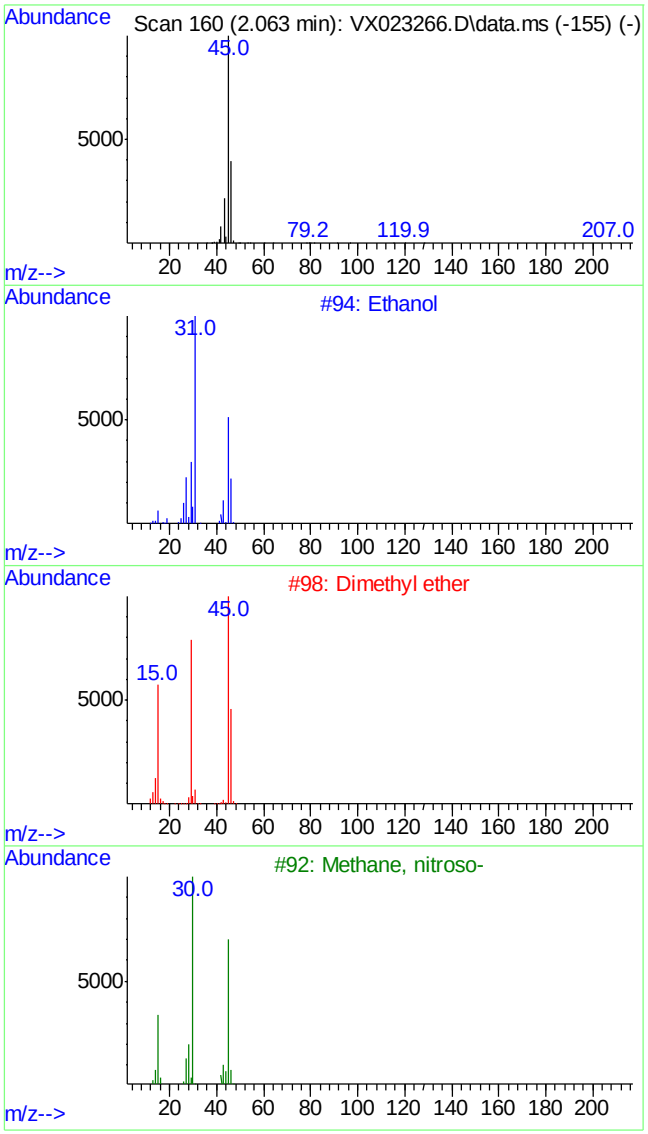
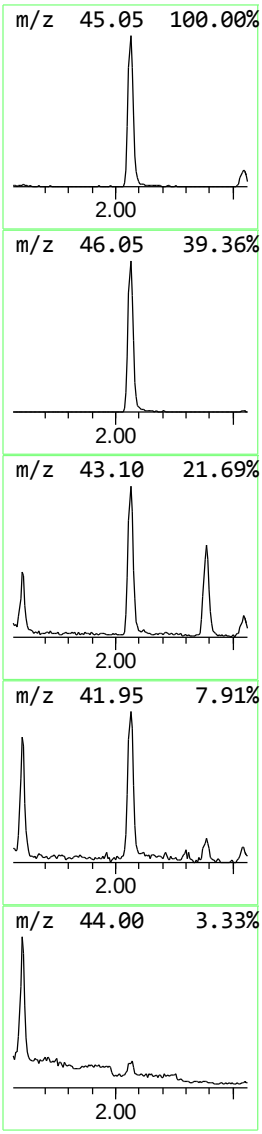
Peak Number 3 Ethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.063	9.30 ug/l	131082	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	86
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	Oxalic acid	90	C2H2O4	000144-62-7	4





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ALS Vial : 15 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260

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

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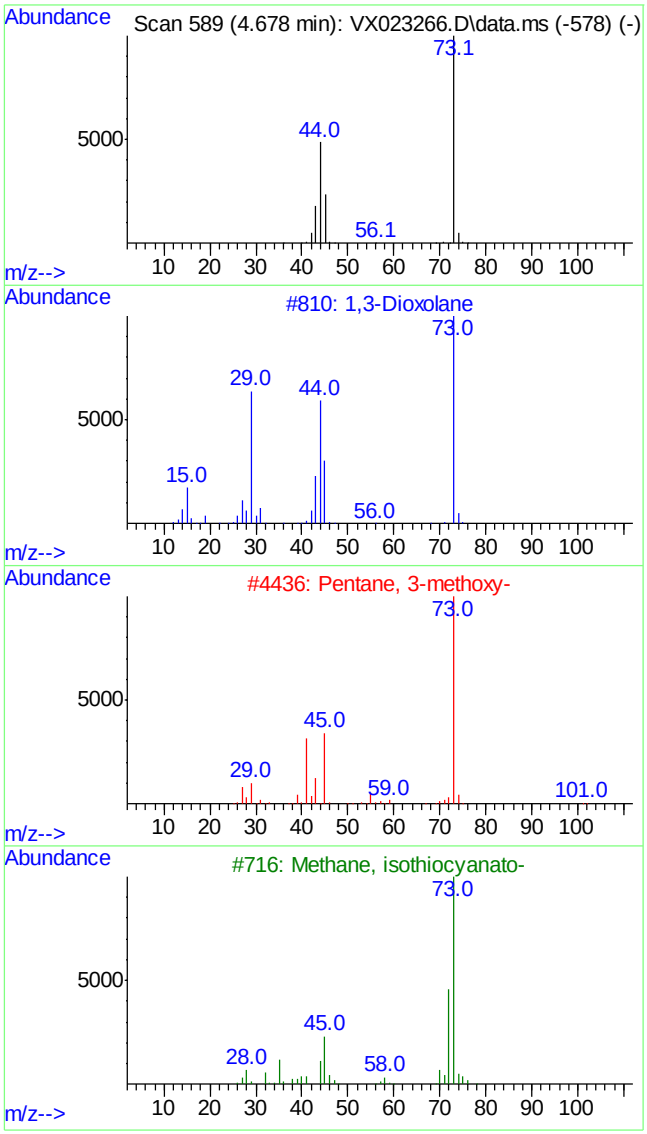
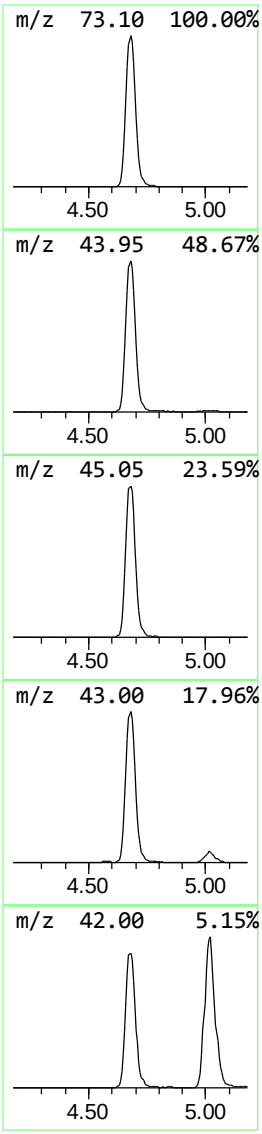
Peak Number 4 1,3-Dioxolane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.678	140.07 ug/l	1974620	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	5
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	5
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





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ALS Vial : 15 Sample Multiplier: 1

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

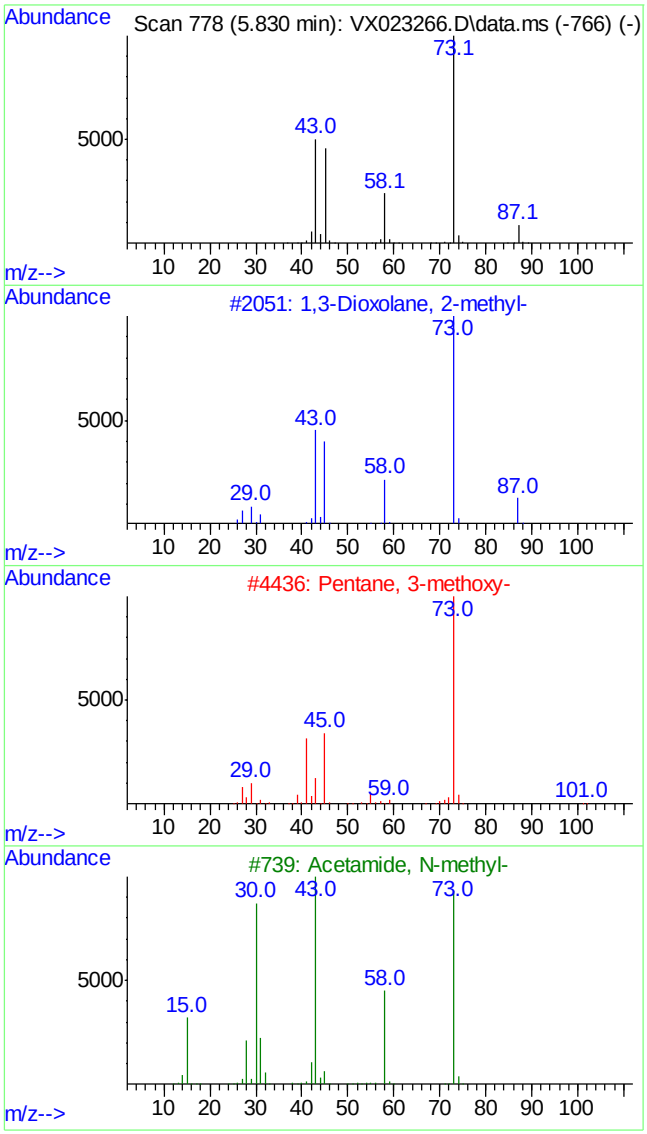
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260

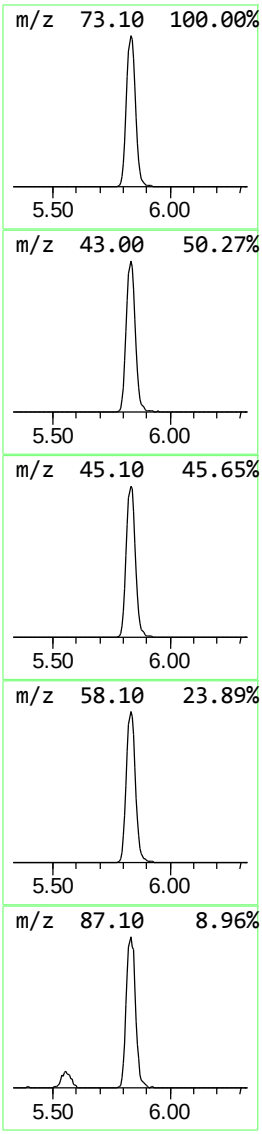
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.830	60.23 ug/l	849062	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	91
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	28
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	Acetone	58	C3H6O	000067-64-1	9
5	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.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	5.3	ug/l	75335	1	5.556	704887	50.0
Acetaldehyde	1.453	185.4	ug/l	2613800	1	5.556	704887	50.0
Ethanol	2.063	9.3	ug/l	131082	1	5.556	704887	50.0
1,3-Dioxolane	4.678	140.1	ug/l	1974620	1	5.556	704887	50.0
1,3-Dioxolane, ...	5.830	60.2	ug/l	849062	1	5.556	704887	50.0