LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
Data File : VX023637.D
Acq On : 10 Aug 2021 16:32
Operator : JC/MD
Sample : M3352-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 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\82X072221W.M
Title : SW846 8260

Signal : TIC: VX023637.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.453	56	60	71	rBV	208303	242754	26.17%	3.693%
2	2.386	207	213	221	rVB	11703	18553	2.00%	0.282%
3	2.544	231	239	248	rBV	9332	17256	1.86%	0.263%
4	2.648	248	256	263	rBV2	14613	27267	2.94%	0.415%
5	4.684	580	590	609	rVB	25018	72033	7.77%	1.096%
6	5.105	639	659	674	rBV	122496	383338	41.33%	5.832%
7	5.397	694	707	719	rBV	107926	312274	33.67%	4.751%
8	5.562	722	734	747	rVB	176681	499279	53.83%	7.596%
9	5.964	790	800	812	rBV	119624	311645	33.60%	4.741%
10	6.092	812	821	838	rVB	210241	549611	59.26%	8.362%
11	6.769	921	932	945	rBV	288244	674495	72.72%	10.262%
12	7.830	1095	1106	1126	rBV	74865	153881	16.59%	2.341%
13	8.171	1155	1162	1170	rBV	83308	142841	15.40%	2.173%
14	8.653	1233	1241	1249	rVV	602138	927522	100.00%	14.111%
15	8.720	1249	1252	1257	rVB	9407	12692	1.37%	0.193%
16	8.994	1293	1297	1307	rBV	7158	11184	1.21%	0.170%
17	9.525	1378	1384	1392	rBV	52157	75255	8.11%	1.145%
18	10.055	1464	1471	1480	rBV	589734	806740	86.98%	12.274%
19	10.860	1598	1603	1607	rBV	16392	20668	2.23%	0.314%
20	10.945	1612	1617	1625	rVB	17175	22065	2.38%	0.336%
21	11.085	1634	1640	1649	rBV	481465	611141	65.89%	9.298%
22	12.024	1789	1794	1805	rVB	564102	680470	73.36%	10.353%

Sum of corrected areas: 6572964

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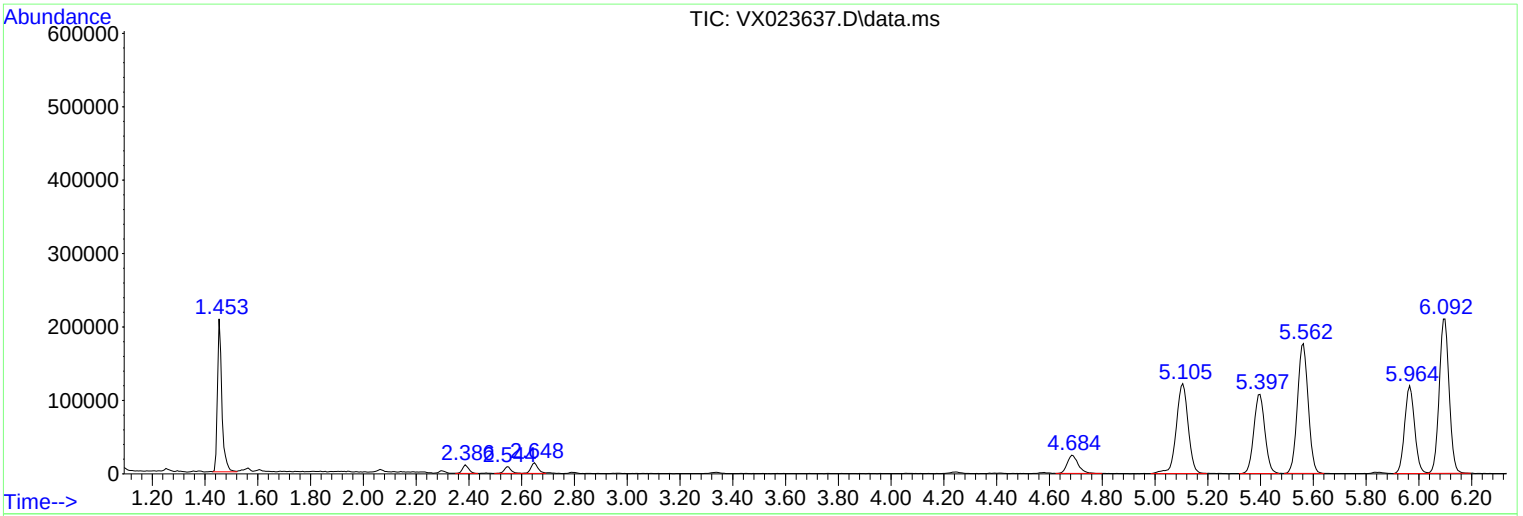
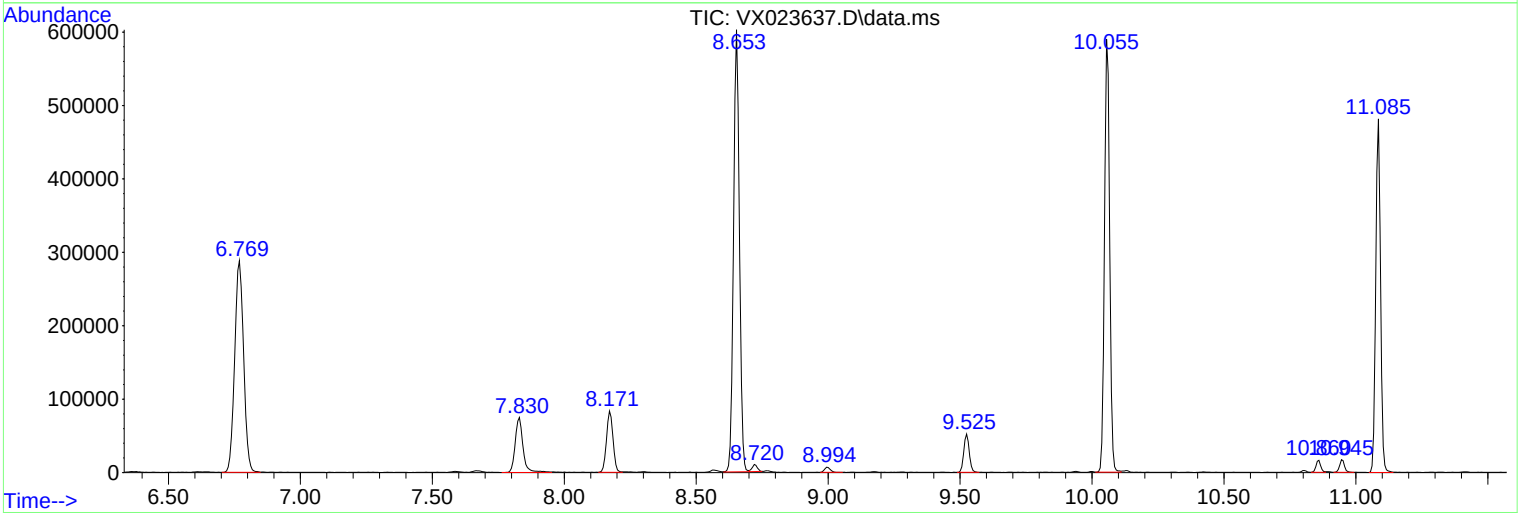
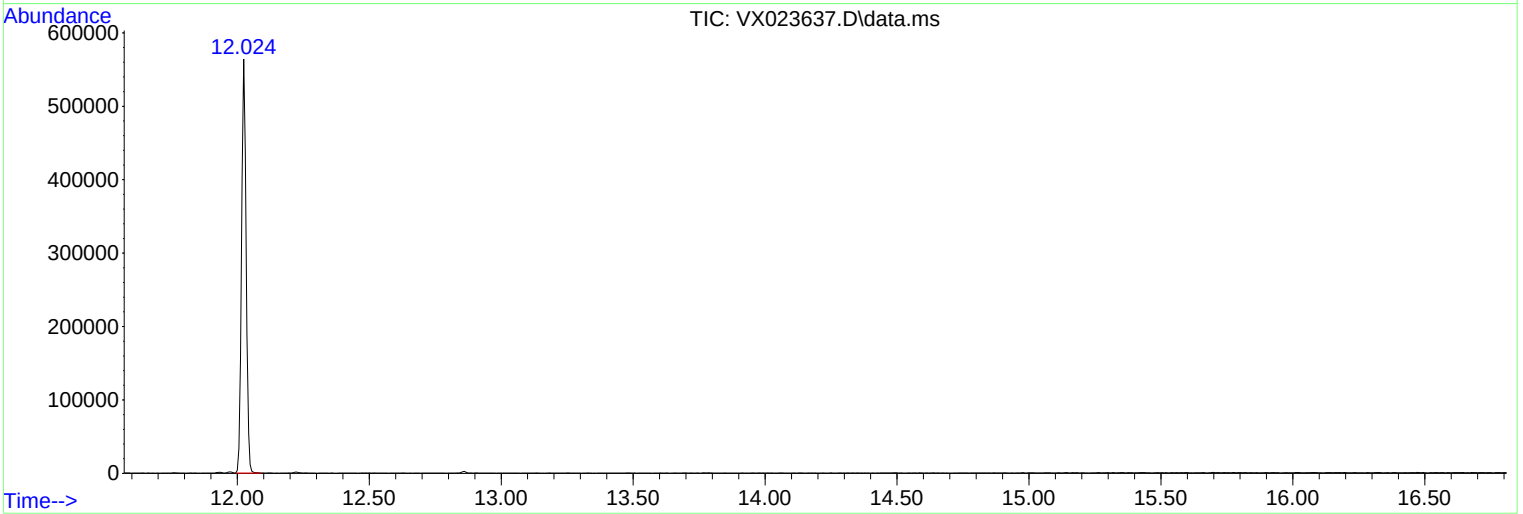
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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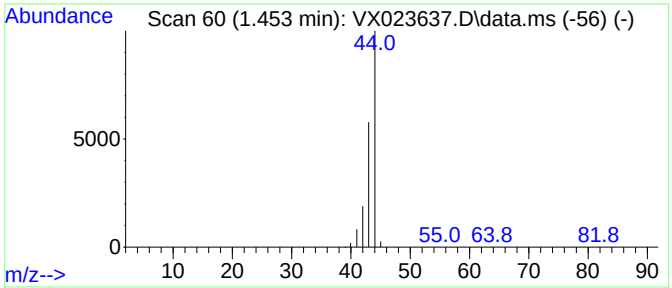
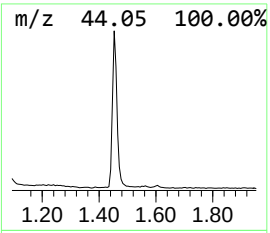
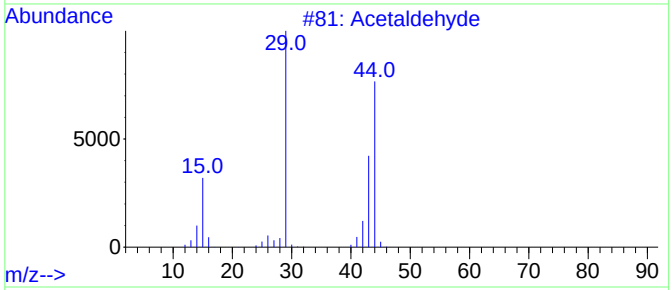
****
Peak Number 1 unknown1.453 Concentration Rank 1

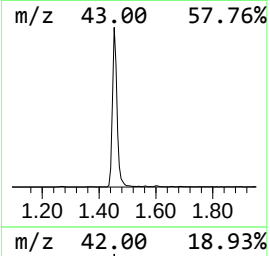
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.453	24.31 ug/l	242754	Pentafluorobenzene	5.562

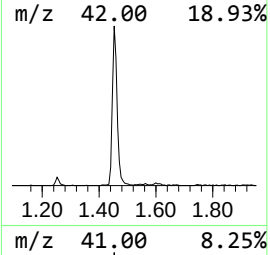
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Propane	44	C3H8	000074-98-6	5
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Hydrogen isocyanate	43	CHNO	000075-13-8	3
5	Carbon dioxide	44	CO2	000124-38-9	3

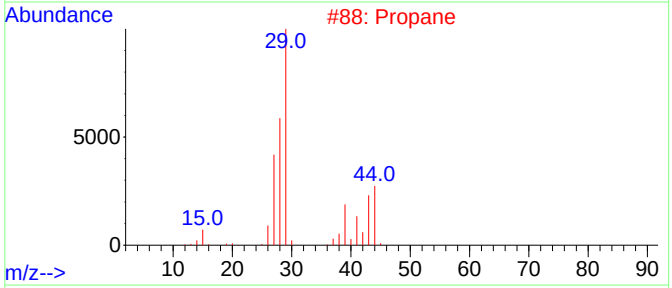


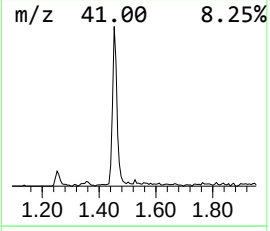


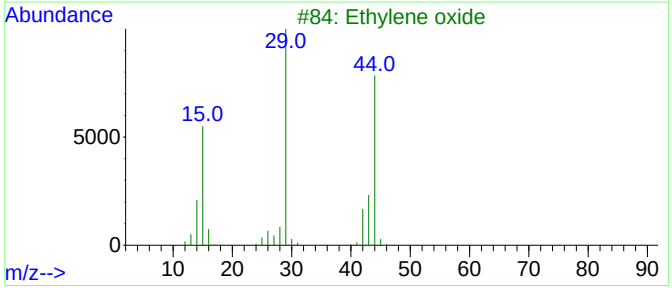


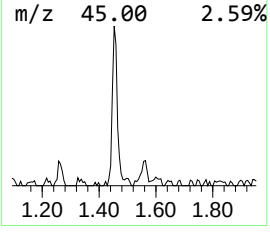












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Quant Title : SW846 8260

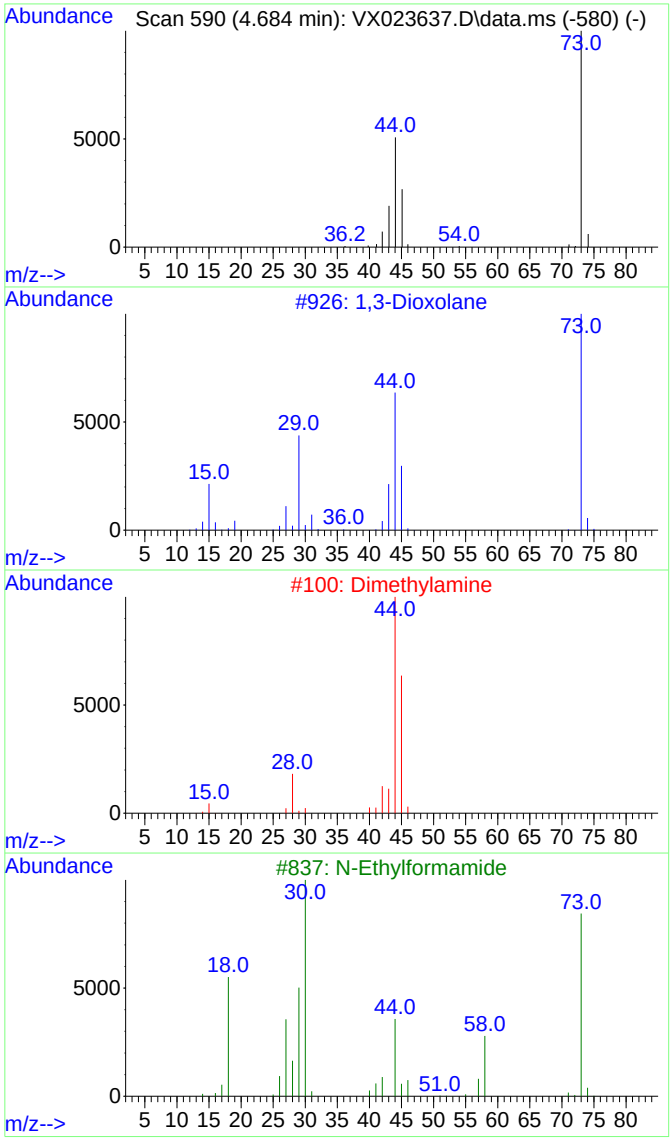
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

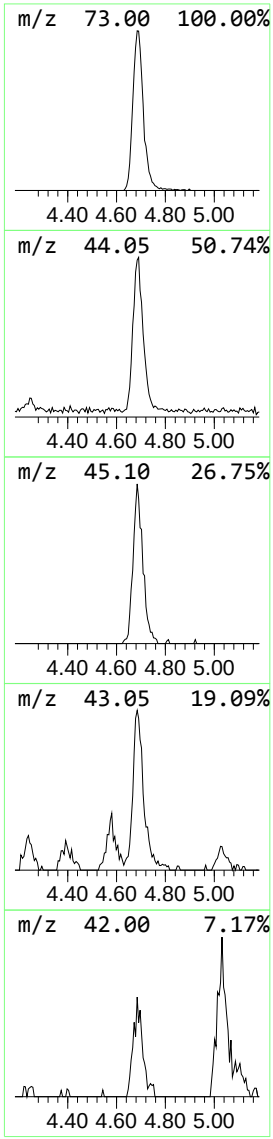
****

Peak Number 2 1,3-Dioxolane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.684	7.21 ug/l	72033	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	90
2	Dimethylamine	45	C2H7N	000124-40-3	5
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	5
5	Ethyl formate	74	C3H6O2	000109-94-4	5





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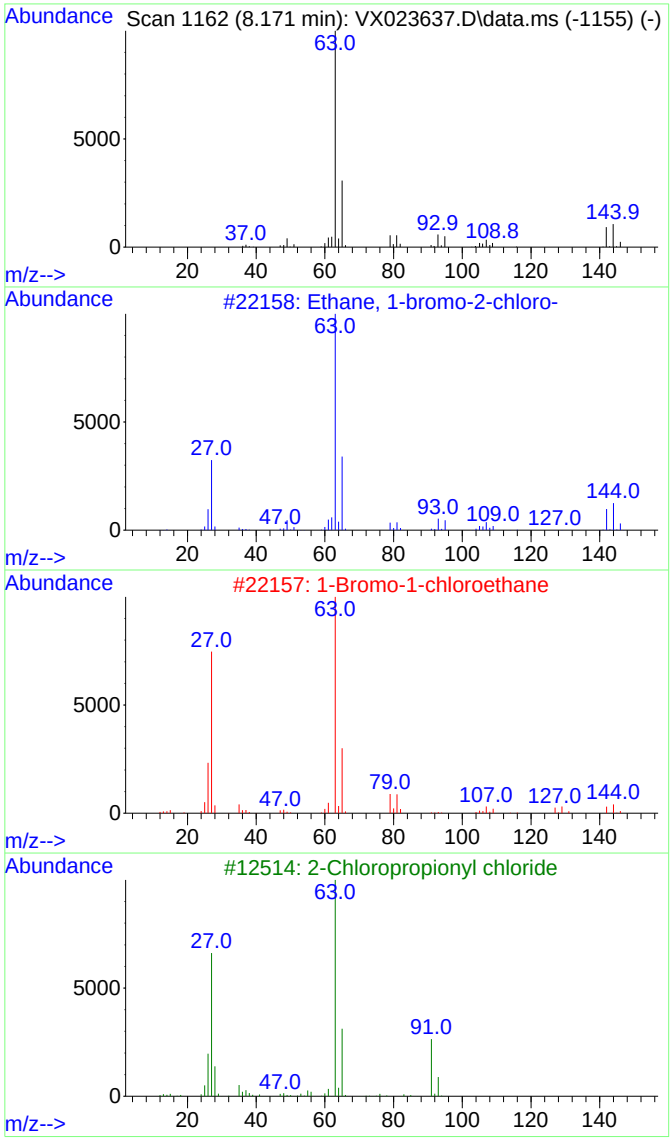
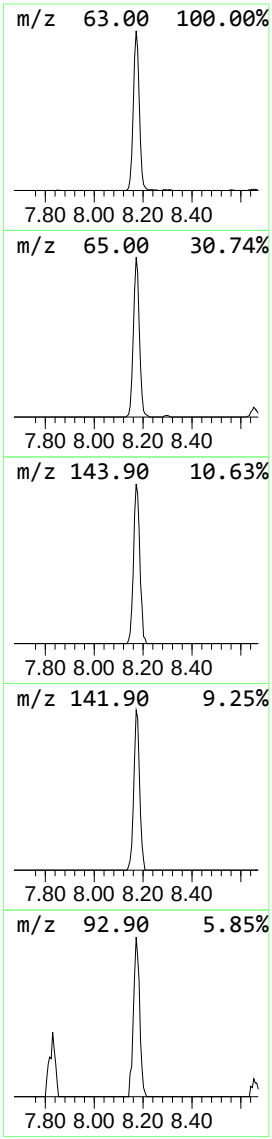
****
Peak Number 3 Ethane, 1-bromo-2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.171	10.59 ug/l	142841	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	94
2	1-Bromo-1-chloroethane	142	C2H4BrCl	000593-96-4	78
3	2-Chloropropionyl chloride	126	C3H4Cl2O	007623-09-8	78
4	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	64
5	Bis(2-chloroethyl) sulfone	190	C4H8Cl2O2S	000471-03-4	43





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.453	1.453	24.3	ug/l	242754	1	5.562	499279	50.0
1,3-Dioxolane	4.684	7.2	ug/l	72033	1	5.562	499279	50.0
Ethane, 1-bromo...	8.171	10.6	ug/l	142841	2	6.769	674495	50.0