LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
Data File : VU043383.D
Acq On : 28 Apr 2021 14:08
Operator : SY/MD
Sample : M2206-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
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_U\Method\82U041221W.M
Title : SW846 8260

Signal : TIC: VU043383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	32	42	52	rBV	48998	53508	1.05%	0.458%
2	1.684	97	107	137	rBV	4440518	5107577	100.00%	43.692%
3	1.838	147	155	174	rVB	49799	69971	1.37%	0.599%
4	2.285	283	294	315	rVB	63108	106967	2.09%	0.915%
5	4.806	1061	1078	1117	rBV	402354	888809	17.40%	7.603%
6	5.057	1142	1156	1183	rVB3	56544	132274	2.59%	1.132%
7	5.298	1214	1231	1244	rBV2	120667	253319	4.96%	2.167%
8	5.382	1244	1257	1281	rVB	171330	350289	6.86%	2.997%
9	5.591	1299	1322	1345	rBV	603118	1205790	23.61%	10.315%
10	5.710	1345	1359	1376	rVB	140002	281135	5.50%	2.405%
11	6.256	1513	1529	1548	rBV	254798	476413	9.33%	4.075%
12	6.967	1733	1750	1774	rVB	35821	69574	1.36%	0.595%
13	7.906	2026	2042	2058	rBV	424753	716896	14.04%	6.133%
14	9.423	2501	2514	2536	rBV	364460	597925	11.71%	5.115%
15	10.462	2820	2837	2860	rBV	192276	307570	6.02%	2.631%
16	10.639	2880	2892	2915	rVB	324307	512113	10.03%	4.381%
17	11.819	3245	3259	3274	rBV	363274	559786	10.96%	4.789%

Sum of corrected areas: 11689916

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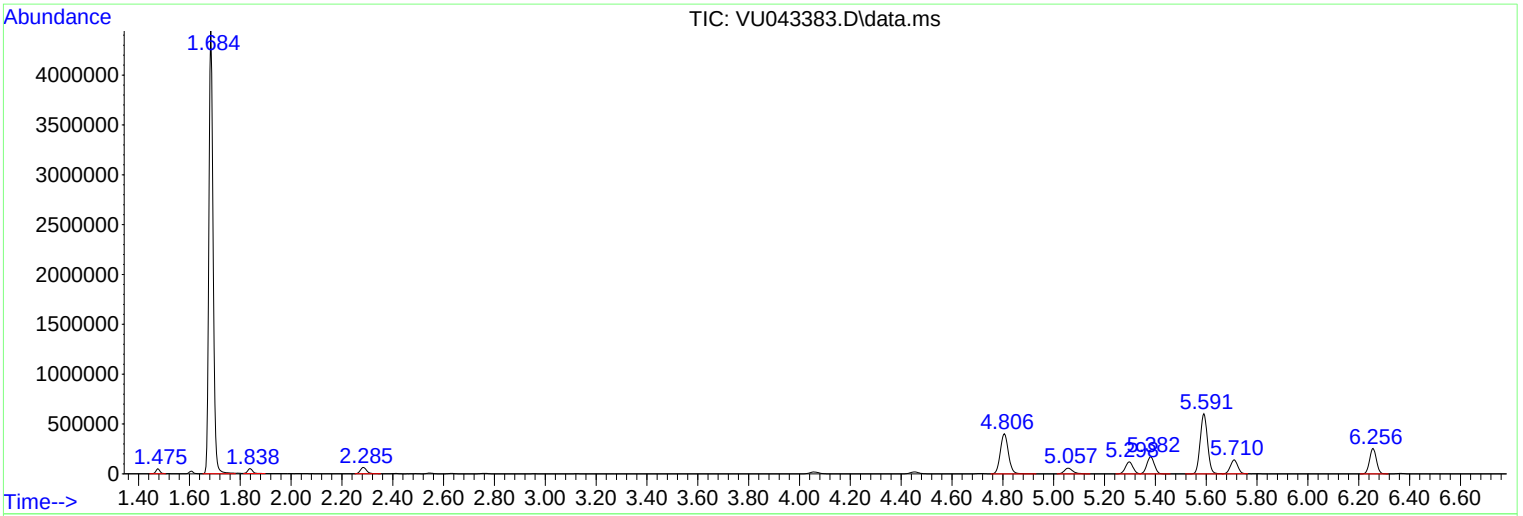
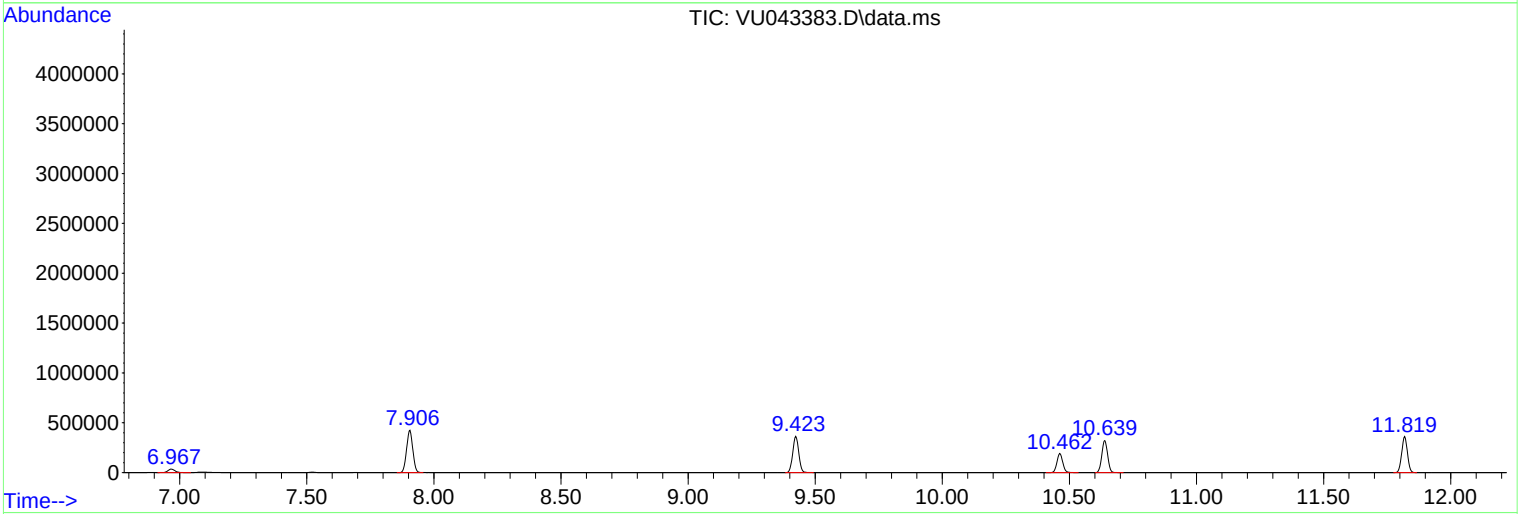
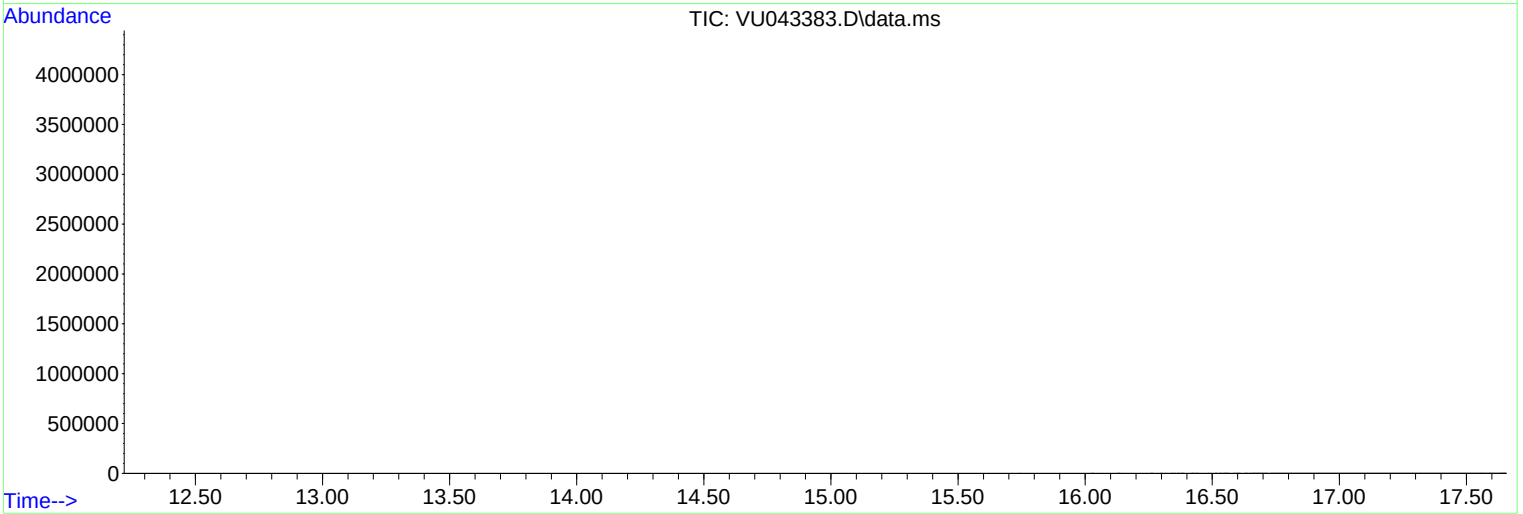
PILOT-PLANT-PROCESS-BLEED

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

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







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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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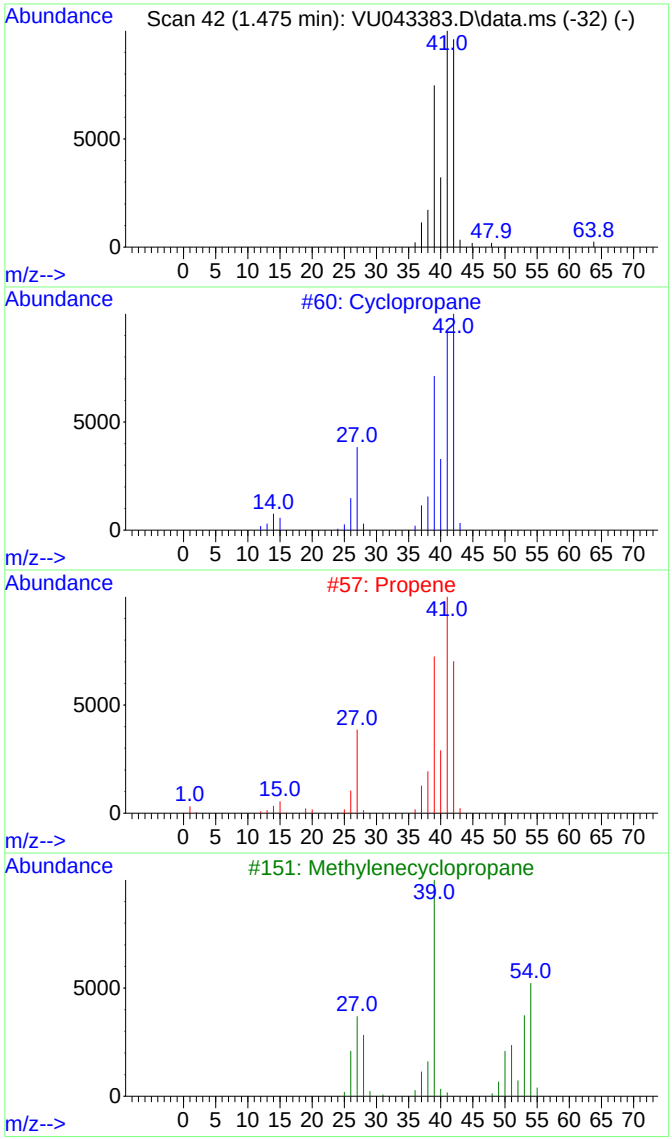
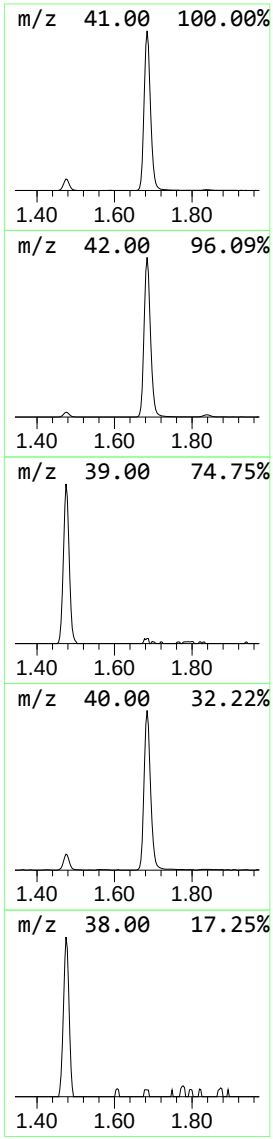
Peak Number 1 Cyclopropane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.475	7.64 ug/l	53508	Pentafluorobenzene	5.382

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	38
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4
5	4-Amino-1-butanol	89	C4H11NO	013325-10-5	1





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ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

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

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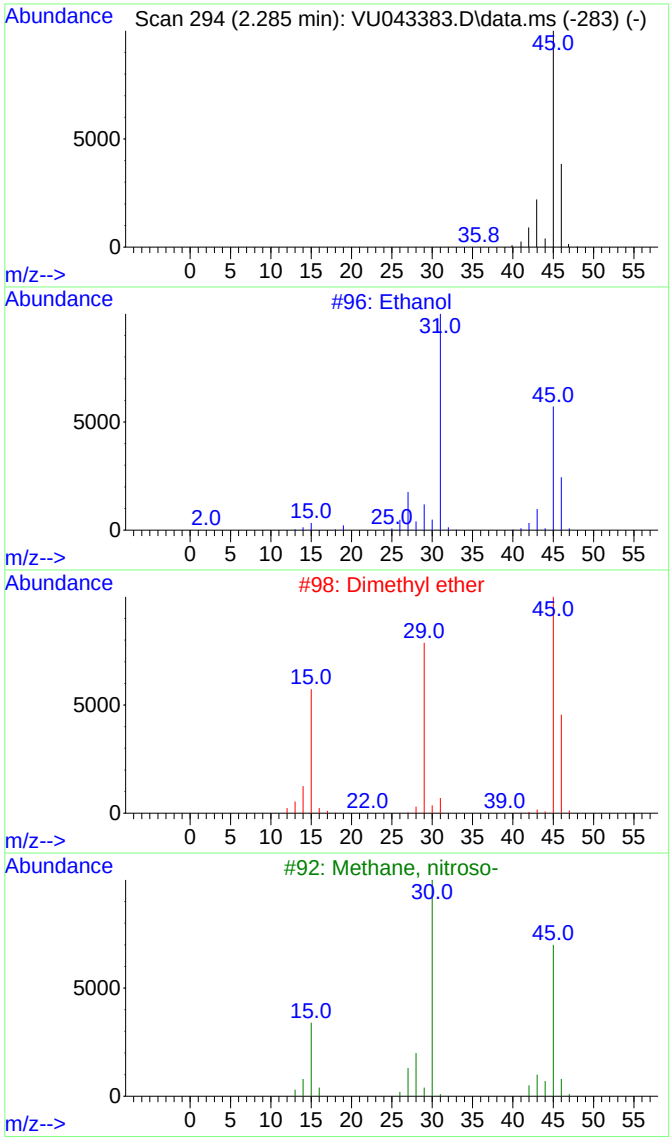
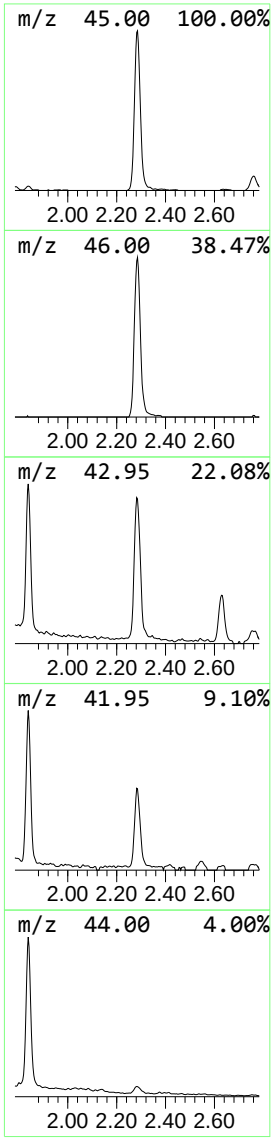
Peak Number 4 Ethanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.285	15.27 ug/l	106967	Pentafluorobenzene	5.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
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	Formamide	45	CH3NO	000075-12-7	2





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ALS Vial : 33 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

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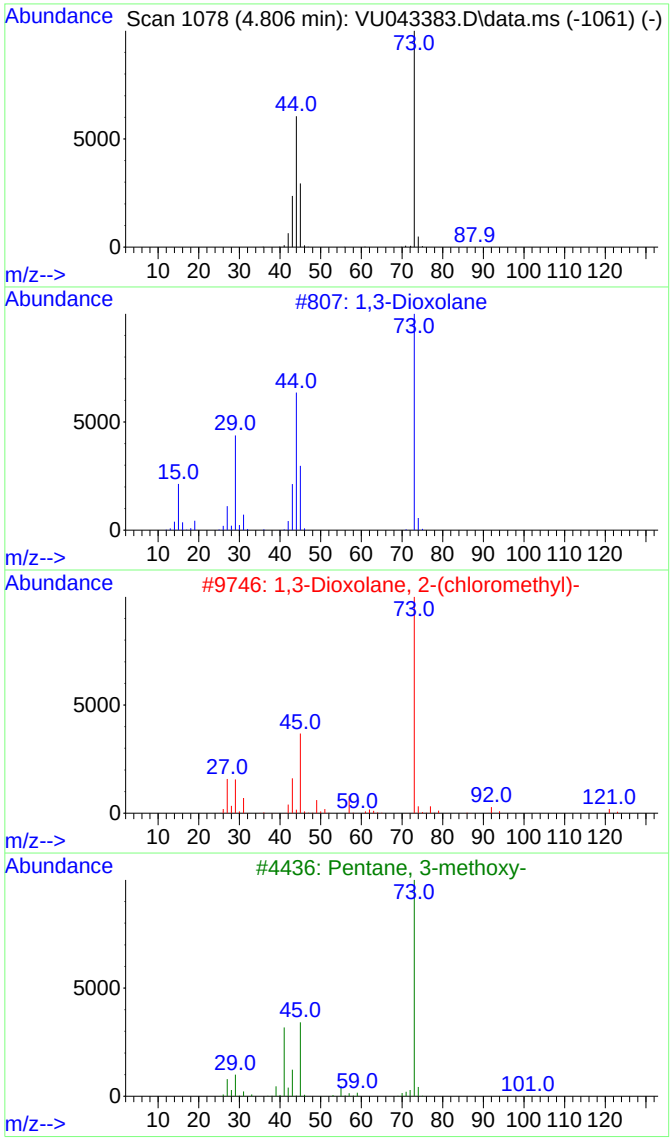
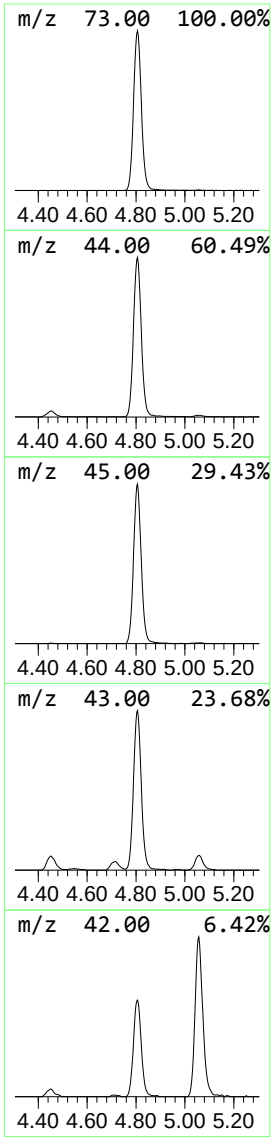
Peak Number 5 1,3-Dioxolane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.806	126.87 ug/l	888809	Pentafluorobenzene	5.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	86
2	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Cyclobutanol	72	C4H8O	002919-23-5	7
5	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	7





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ALS Vial : 33 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

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

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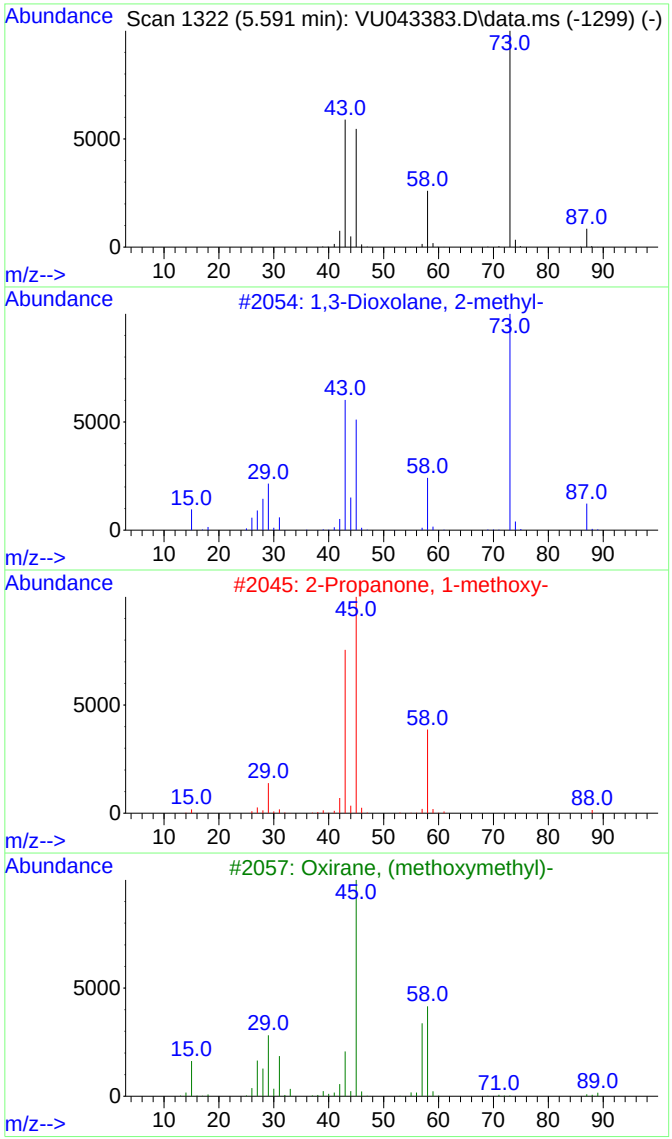
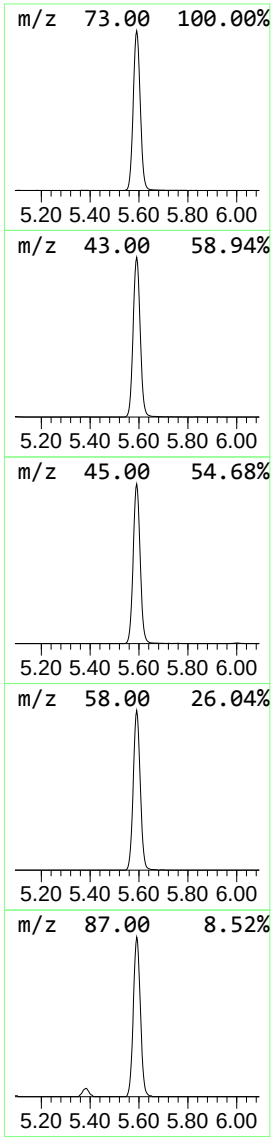
Peak Number 6 1,3-Dioxolane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.591	172.11 ug/l	1205790	Pentafluorobenzene	5.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	90
2	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	53
3	Oxirane, (methoxymethyl)-	88	C4H8O2	000930-37-0	37
4	1-Butanol, 4-methoxy-	104	C5H12O2	000111-32-0	33
5	Acetone	58	C3H6O	000067-64-1	12





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Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

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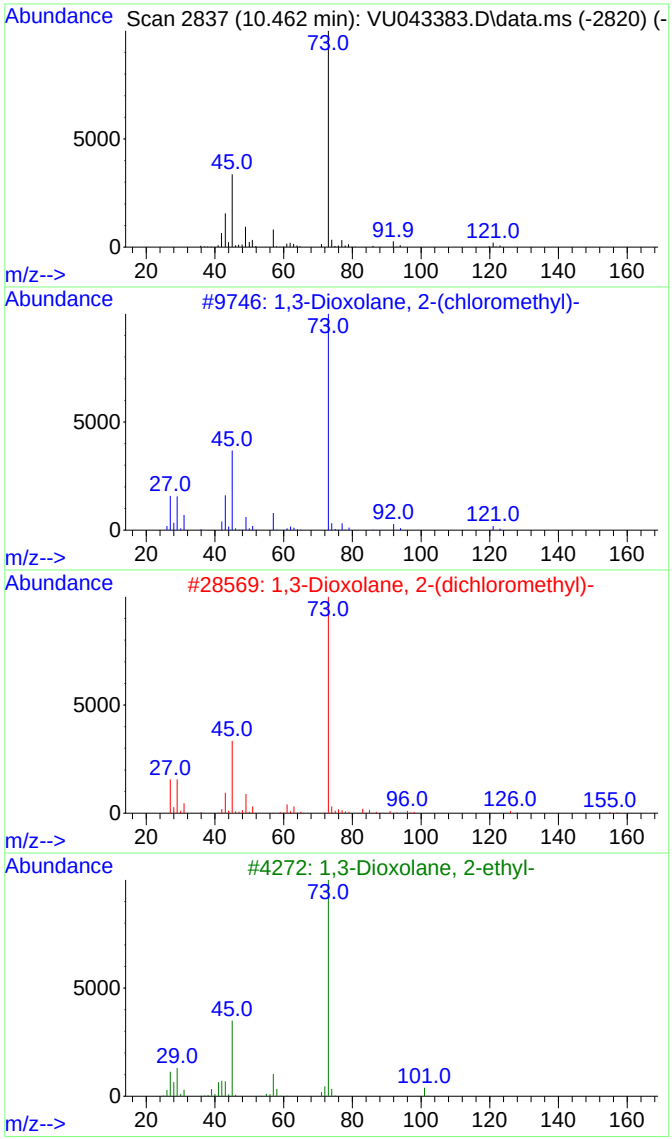
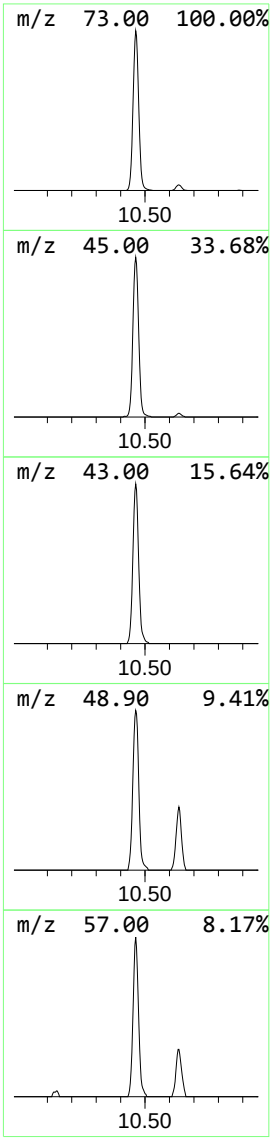
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,3-Dioxolane, 2-(chloromet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.462	25.72 ug/l	307570	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	78
2	1,3-Dioxolane, 2-(dichloromethyl)-	156	C4H6Cl2O2	002612-35-3	45
3	1,3-Dioxolane, 2-ethyl-	102	C5H10O2	002568-96-9	40
4	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	33
5	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	25





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopropane	1.475	7.6	ug/l	53508	1	5.382	350289	50.0
Ethanol	2.285	15.3	ug/l	106967	1	5.382	350289	50.0
1,3-Dioxolane	4.806	126.9	ug/l	888809	1	5.382	350289	50.0
1,3-Dioxolane, ...	5.591	172.1	ug/l	1205790	1	5.382	350289	50.0
1,3-Dioxolane, ...	10.462	25.7	ug/l	307570	3	9.423	597925	50.0