

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048652.D
 Acq On : 23 May 2022 13:45
 Operator : SY/MD
 Sample : N2925-02ME
 Misc : 4.87g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXY04ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\SFAMULM051622WMA.M
 Title : VOC Analysis

Signal : TIC: VU048652.D\data.ms

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37	7.189	1807	1819	184
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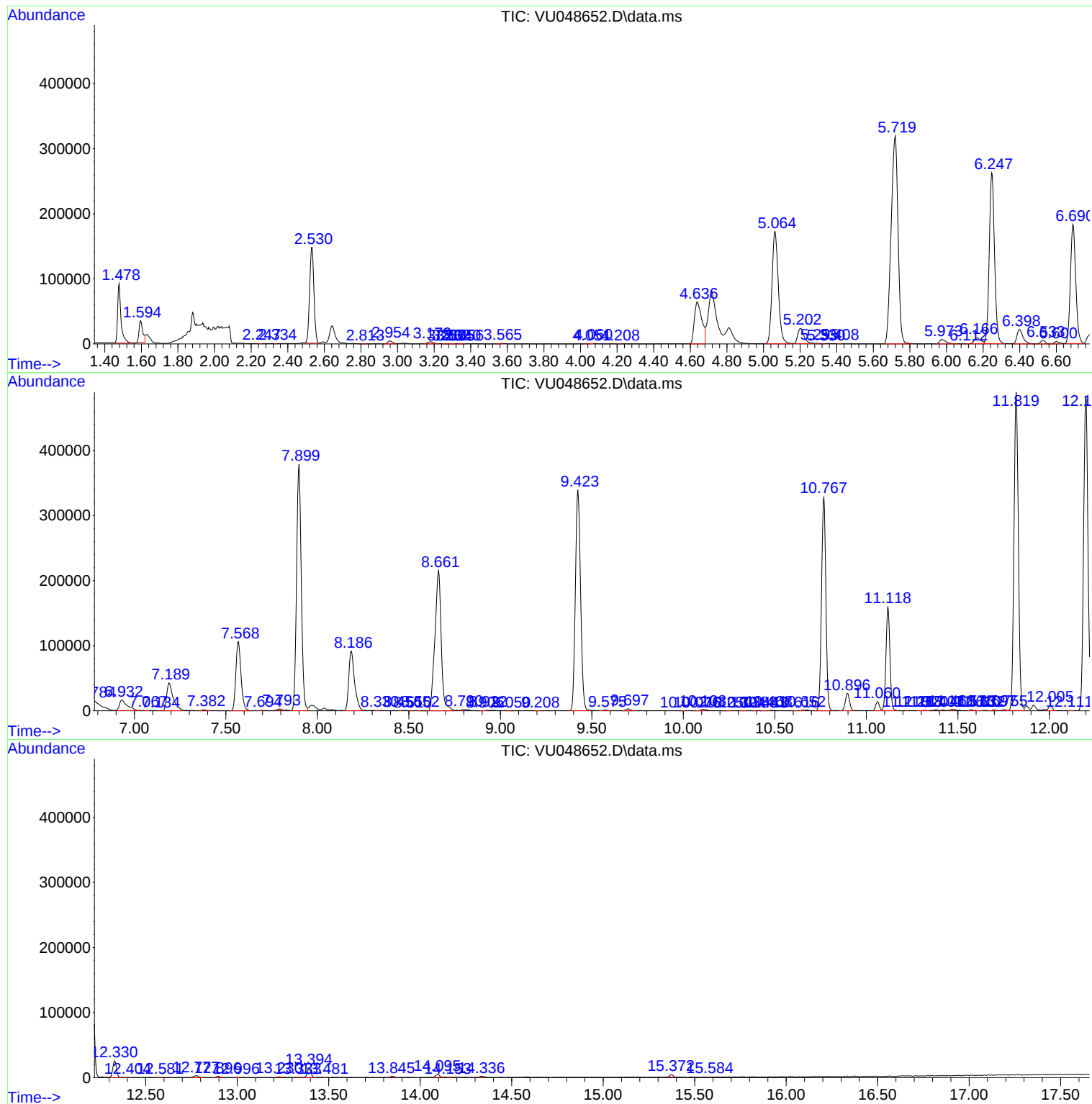
77	11.610	3191	3194	3198	r
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Peak Number 1 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.478	10.81 ug/L	114144	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	83
2			Dimethyl ether	46	C2H6O	000115-10-6	9
3			Ethanol	46	C2H6O	000064-17-5	9
4			Formic acid	46	CH2O2	000064-18-6	7
5			Ethanol	46	C2H6O	000064-17-5	7

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Peak Number 2 Methyl propionate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.202	5.22 ug/L	55072	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl propionate	88	C4H8O2	000554-12-1	90
2			Methyl propionate	88	C4H8O2	000554-12-1	83
3			Methyl propionate	88	C4H8O2	000554-12-1	83
4			Methyl propionate	88	C4H8O2	000554-12-1	78
5			t-Butyl nitrite	103			

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Peak Number 3 Methyl isobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	4.83 ug/L	51011	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl isobutyrate	102	C5H10O2	000547-63-7	87
2			Methyl isobutyrate	102	C5H10O2	000547-63-7	64
3			Methyl isobutyrate	102	C5H10O2	000547-63-7	59
4			Methyl isobutyrate	102	C5H10O2	000547-63-7	53

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Peak Number 4 2-Pentanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.784	4.61 ug/L	48674	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone			86	C5H10O	000107-87-9	86
2	2-Pentanone			86	C5H10O	000107-87-9	78
3	2-Pentanone			86	C5H10O	000107-87-9	64
4	2-Pentanone			86	C5H10O	000107-87-9	9
5	2-Butanone, 3-m						

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Peak Number 5 3-Pentanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.932	4.63 ug/L	48846	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone			86	C5H10O	000096-22-0	90
2	3-Pentanone			86	C5H10O	000096-22-0	86
3	3-Pentanone			86	C5H10O	000096-22-0	83
4	3-Pentanone			86	C5H10O	000096-22-0	50
5	3-Pentanone			86	C5H1		

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Instrument :
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Peak Number 6 Butanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.189	10.00 ug/L	105599	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	80
2			Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	80
3			Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	72
4			Butanoic acid, methyl ester	102	C5H10O2	000623-42-7</	

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.118	14.77 ug/L	236625	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	96
2			Decane	142	C10H22	000124-18-5	95
3			Decane	142	C10H22	000124-18-5	94
4			Decane	142	C10H22	000124-18-5	91

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl ether	1.478	10.8	ug/L	114144	1	6.247	527878	50.0
Methyl propionate	5.202	5.2	ug/L	55072	1	6.247	527878	50.0
Methyl isobutyrate	6.398	4.8	ug/L	51011	1	6.247	527878	50.0
2-Pentanone	6.784	4.6	ug/L	48674	1	6.247	527878	50.0
3-Pentanone	6.932	4.6	ug/L	48846				