LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038391.D
Acq On : 29 May 2020 21:10
Operator : JC/MD
Sample : L2749-19 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4Y3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR050720WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.613	76	85	96	rBV	138278	154751	4.68%	1.061%
2	1.932	175	184	203	rVB	122714	172365	5.21%	1.181%
3	2.401	319	330	348	rVB	140140	211313	6.39%	1.448%
4	2.591	377	389	407	rBV	236036	378182	11.44%	2.592%
5	3.221	571	585	602	rBV	20409	49655	1.50%	0.340%
6	4.035	818	838	862	rBV2	124737	328452	9.93%	2.251%
7	4.674	1020	1037	1067	rBV2	242237	687722	20.80%	4.713%
8	5.102	1151	1170	1192	rBV	227491	499971	15.12%	3.427%
9	5.758	1351	1374	1383	rBV2	434120	1152522	34.86%	7.899%
10	5.809	1383	1390	1408	rVB	310214	611994	18.51%	4.194%
11	6.282	1522	1537	1562	rBV	363307	700529	21.19%	4.801%
12	6.722	1660	1674	1689	rBV	273620	538309	16.28%	3.689%
13	7.591	1930	1944	1963	rBV	143019	250053	7.56%	1.714%
14	7.922	2031	2047	2066	rBV	517426	937460	28.35%	6.425%
15	8.202	2120	2134	2152	rBV2	86615	150568	4.55%	1.032%
16	8.655	2261	2275	2315	rBV	809812	1483628	44.87%	10.168%
17	9.465	2503	2527	2559	rBV2	1466717	3306498	100.00%	22.661%
18	10.118	2719	2730	2747	rVB2	39627	73110	2.21%	0.501%
19	10.500	2833	2849	2862	rBV	104731	166780	5.04%	1.143%
20	10.771	2920	2933	2943	rBV	223110	362696	10.97%	2.486%
21	10.915	2962	2978	2996	rBV3	56350	116688	3.53%	0.800%
22	11.002	2996	3005	3017	rVB2	22508	36575	1.11%	0.251%
23	11.304	3088	3099	3116	rVB	37578	60901	1.84%	0.417%
24	11.825	3249	3261	3276	rBV	573381	943539	28.54%	6.467%
25	11.902	3276	3285	3300	rVB4	56464	95272	2.88%	0.653%
26	12.108	3336	3349	3363	rVB	86764	139851	4.23%	0.958%
27	12.205	3363	3379	3396	rBV	568600	938666	28.39%	6.433%
28	12.587	3486	3498	3506	rBV	28490	42829	1.30%	0.294%

Sum of corrected areas: 14590879

LSC Report - Integrated Chromatogram

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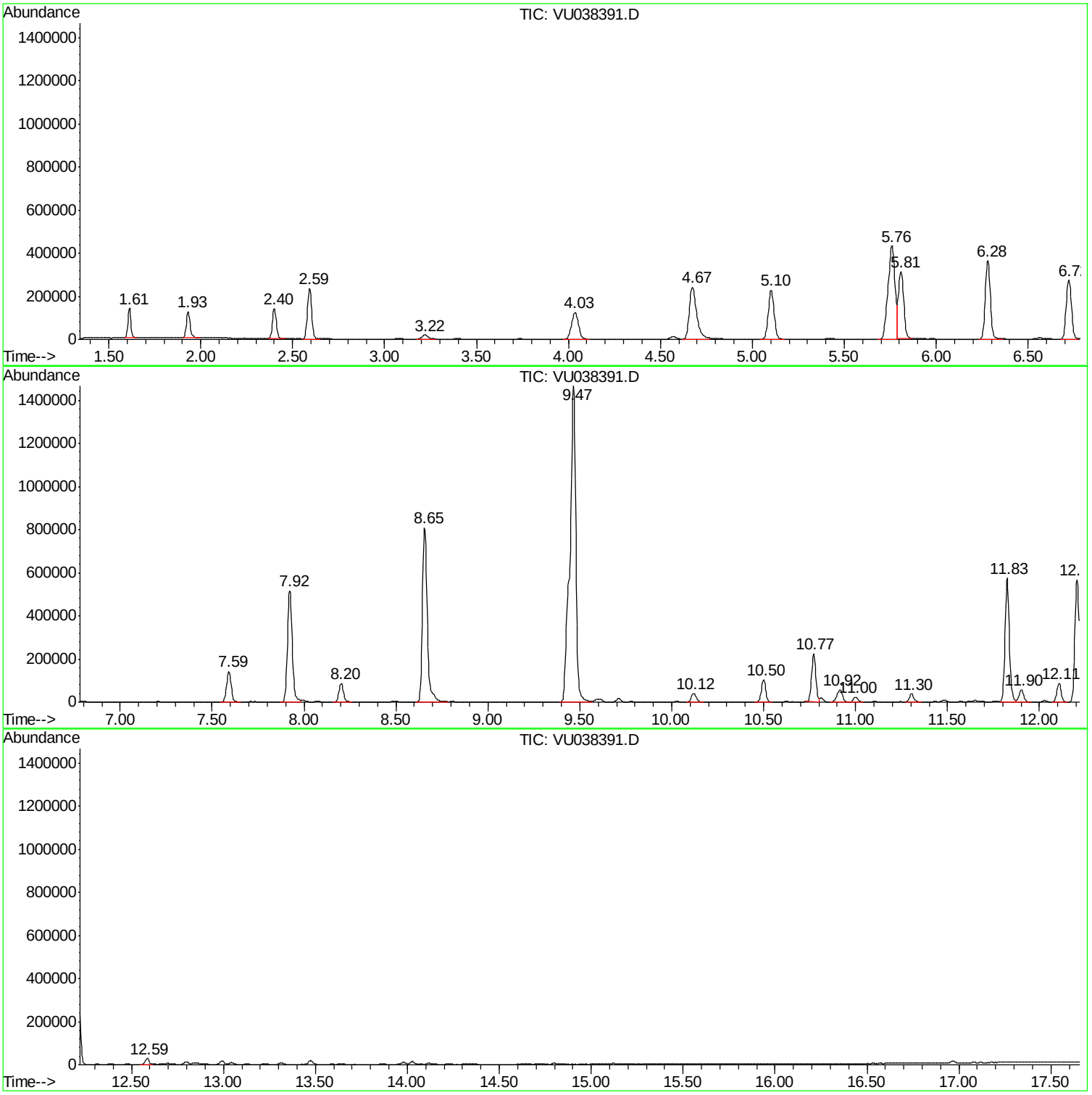
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4Y3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038391.D
Acq On : 29 May 2020 21:10
Operator : JC/MD
Sample : L2749-19 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4Y3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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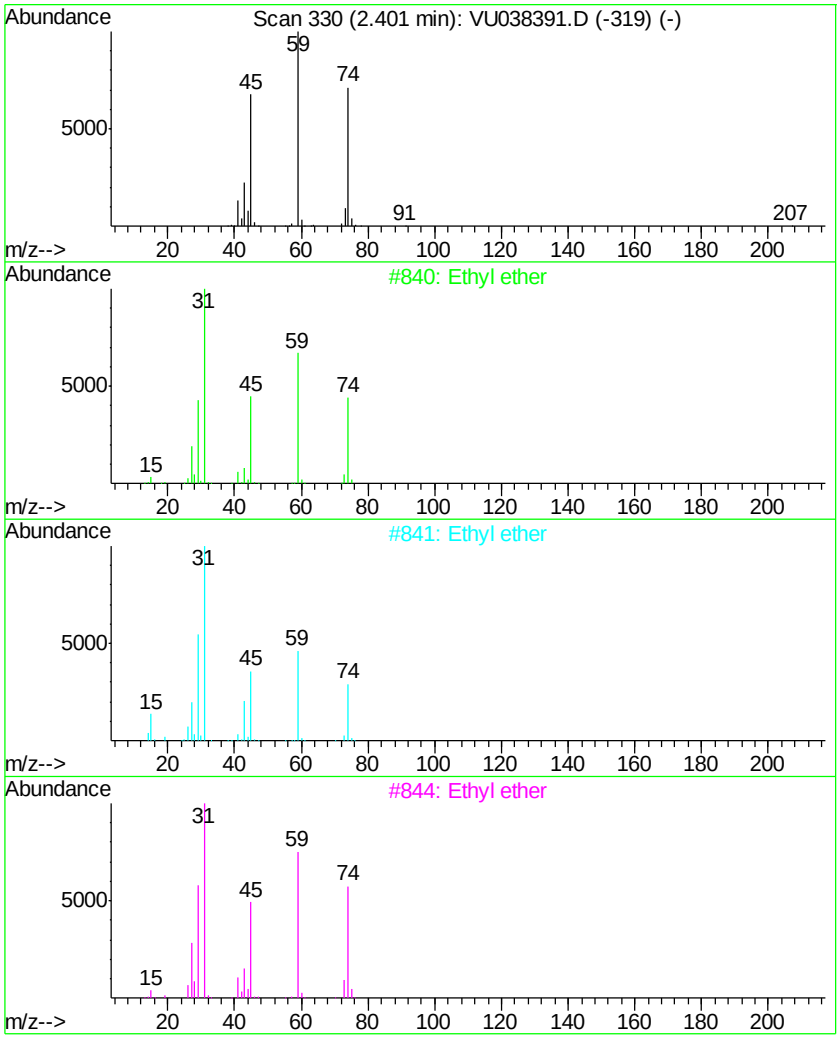
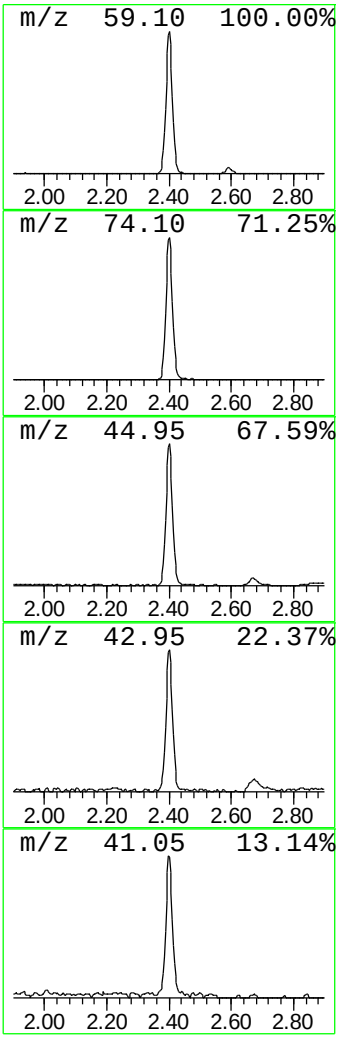
Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	1.51 ug/L	211313	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	78
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5	Ethyl ether	74	C4H10O	000060-29-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038391.D
Acq On : 29 May 2020 21:10
Operator : JC/MD
Sample : L2749-19 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4Y3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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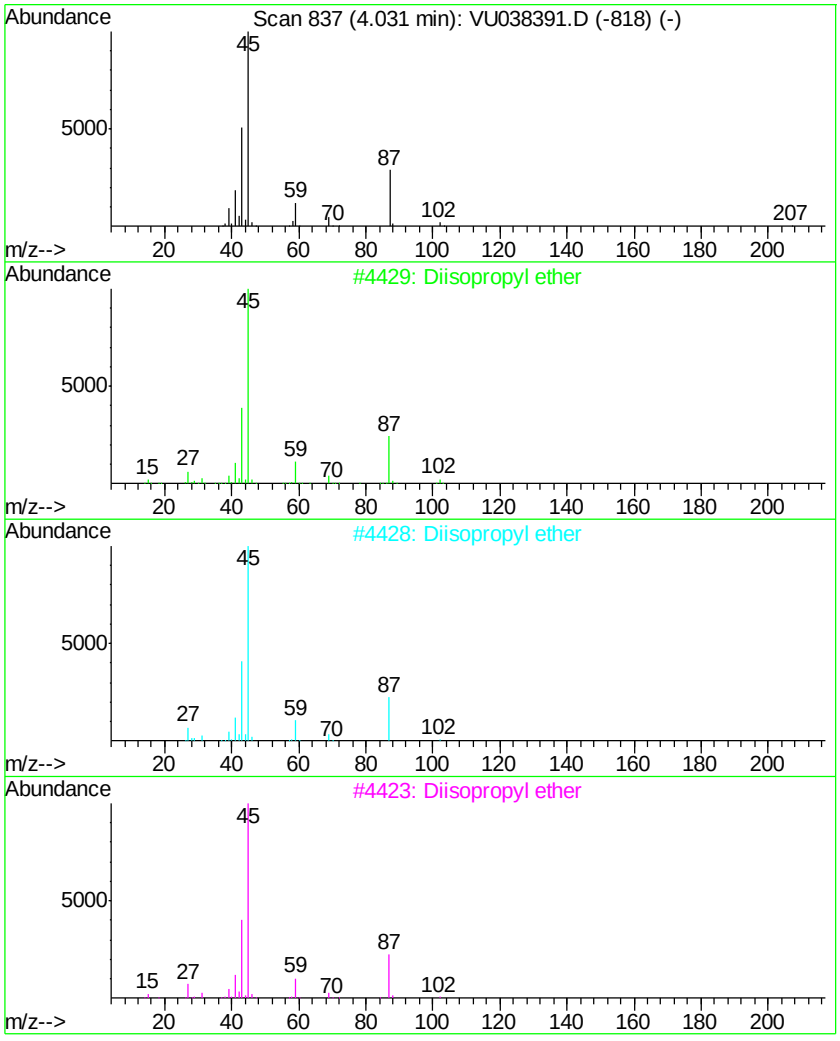
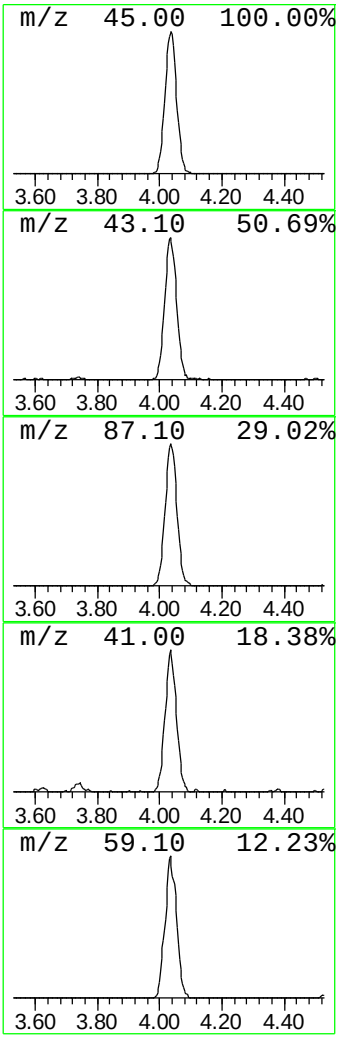
Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	2.34 ug/L	328452	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	90
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038391.D
Acq On : 29 May 2020 21:10
Operator : JC/MD
Sample : L2749-19 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4Y3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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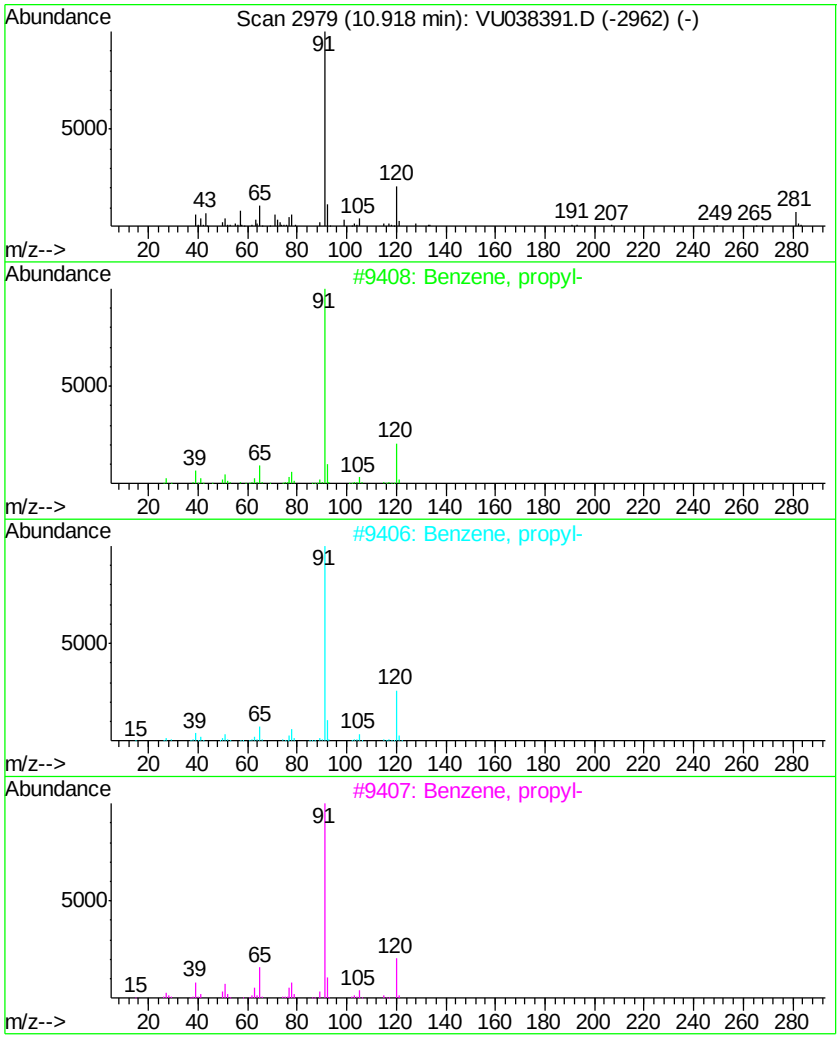
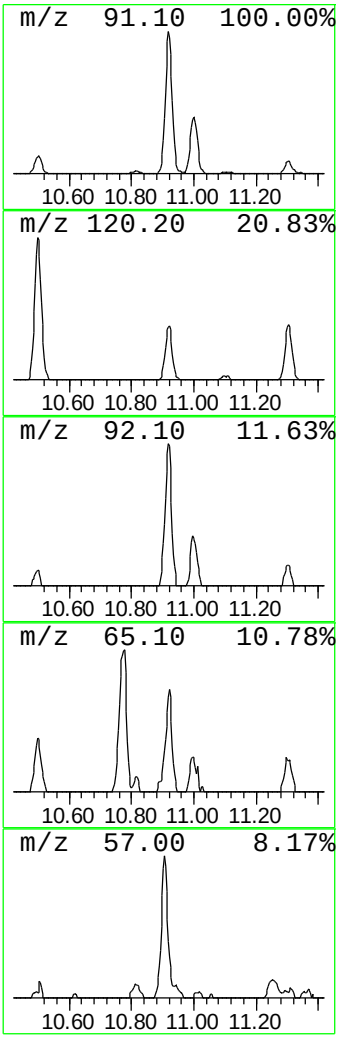
Peak Number 4 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	0.62 ug/L	116688	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	60
2	Benzene, propyl-	120	C9H12	000103-65-1	53
3	Benzene, propyl-	120	C9H12	000103-65-1	50
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	47
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	47





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Acq On : 29 May 2020 21:10
Operator : JC/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4Y3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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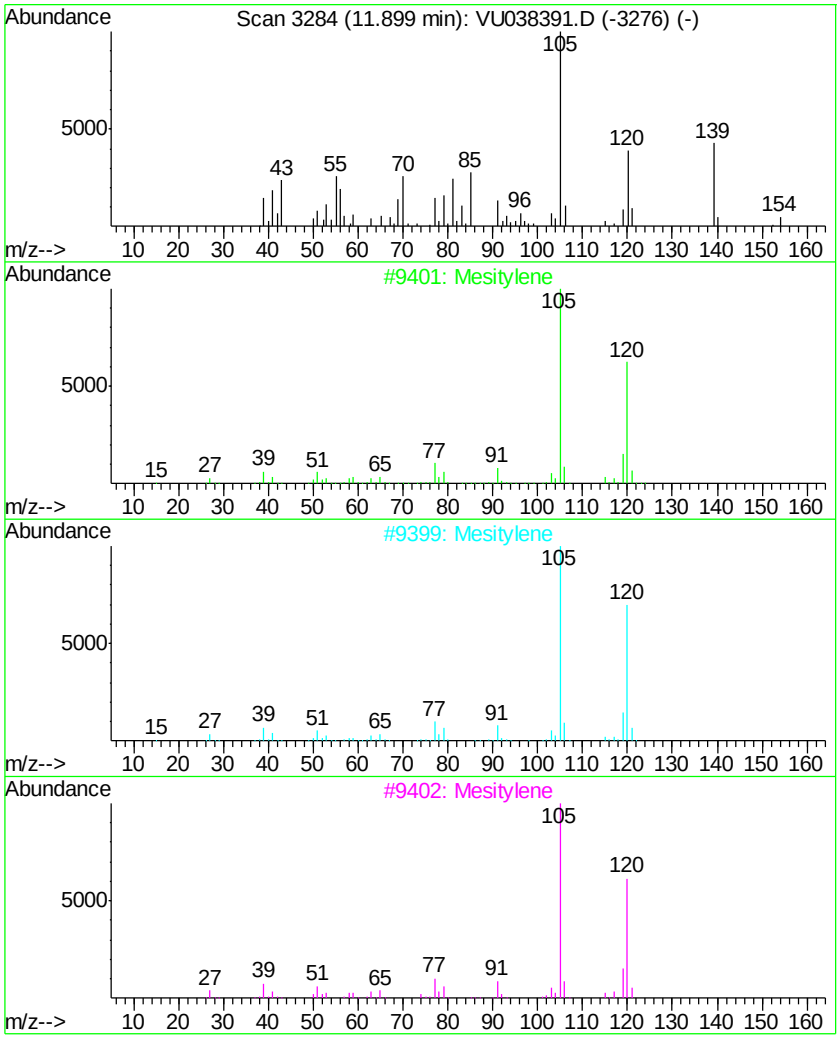
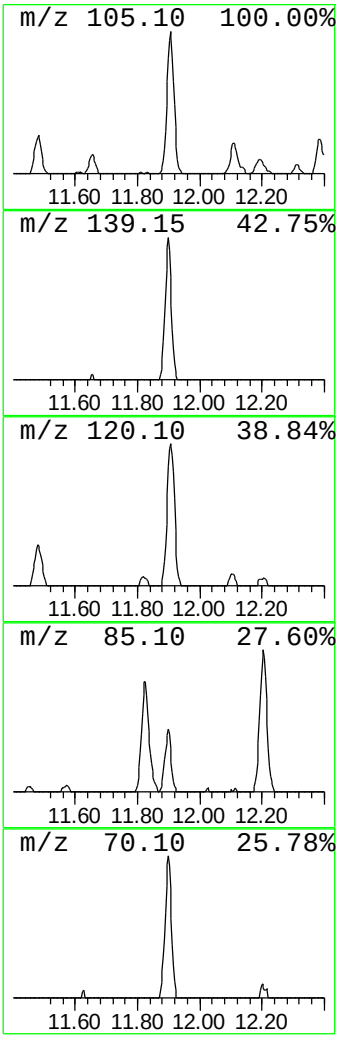
Peak Number 5 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	0.50 ug/L	95272	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	50
2	Mesitylene	120	C9H12	000108-67-8	50
3	Mesitylene	120	C9H12	000108-67-8	50
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	50
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	45





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Sample : L2749-19 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4Y3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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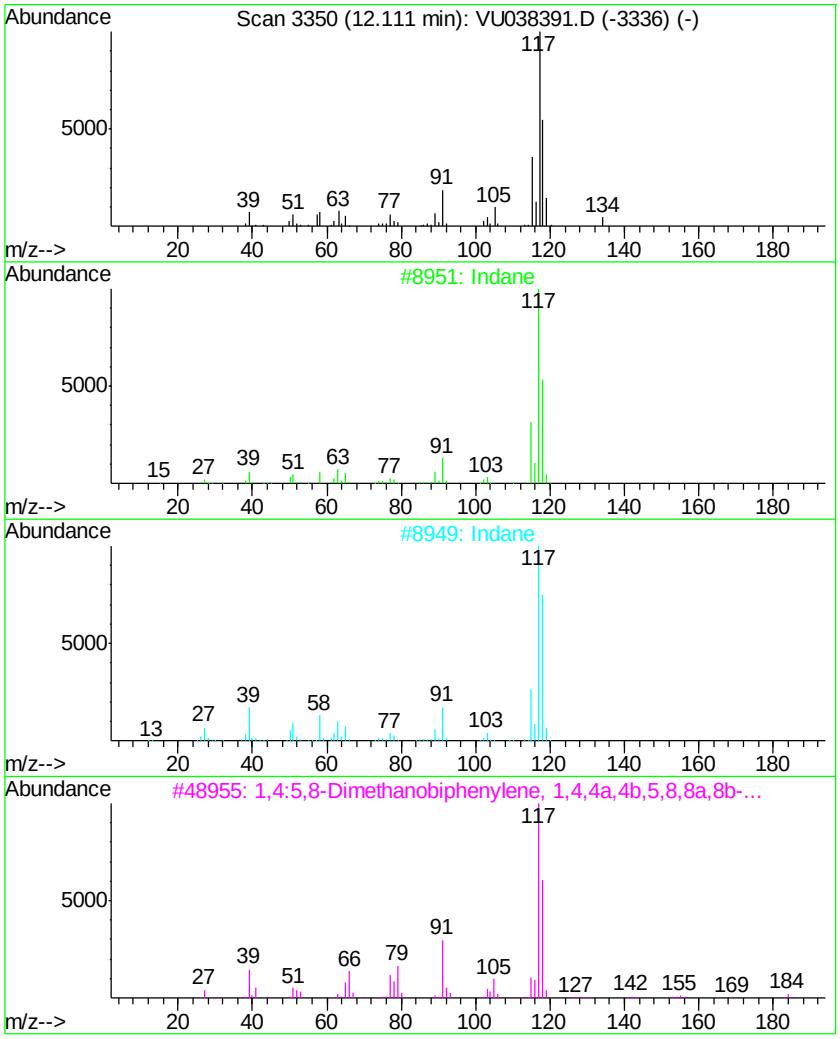
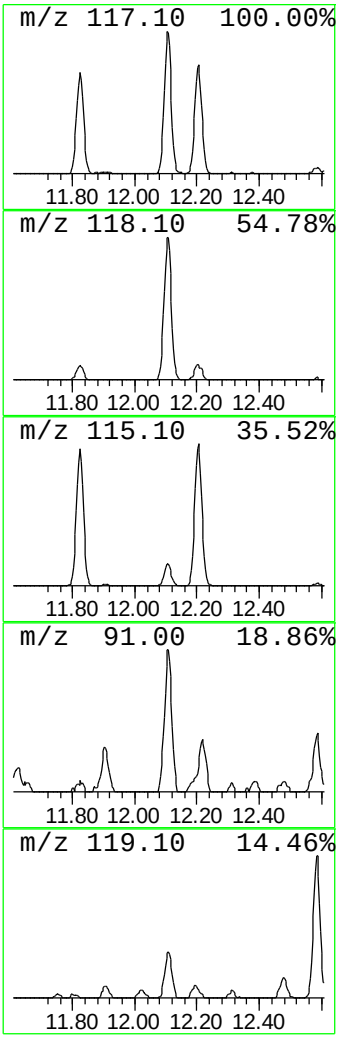
Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	0.74 ug/L	139851	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	76
3	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl ether	2.40	1.5	ug/L	211313	1	6.28	700529	5.0
Diisopropyl ether	4.03	2.3	ug/L	328452	1	6.28	700529	5.0
Benzene, propyl-	10.92	0.6	ug/L	116688	3	11.83	943539	5.0
Mesitylene	11.90	0.5	ug/L	95272	3	11.83	943539	5.0
Indane	12.11	0.7	ug/L	139851	3	11.83	943539	5.0