LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
Data File : VU040178.D
Acq On : 17 Sep 2020 14:00
Operator : SY/MD
Sample : L4046-01DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0N9DL

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\SOMUTR083120WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC: VU040179.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	74	82	91	rVB	43453	48464	3.35%	0.711%
2	1.922	171	181	195	rVB	38708	51706	3.57%	0.759%
3	2.388	315	326	346	rVB	116644	173943	12.02%	2.554%
4	2.578	373	385	400	rBV	75684	127314	8.79%	1.869%
5	3.060	521	535	548	rBV	39667	73263	5.06%	1.076%
6	4.012	811	831	854	rBV	165867	434391	30.01%	6.377%
7	4.655	1015	1031	1069	rBV2	75605	244213	16.87%	3.585%
8	5.083	1149	1164	1191	rBV	96031	231158	15.97%	3.394%
9	5.742	1347	1369	1373	rBV2	145731	334362	23.10%	4.909%
10	5.790	1374	1384	1401	rVB	713396	1447629	100.00%	21.252%
11	6.263	1516	1531	1545	rBV2	149905	283585	19.59%	4.163%
12	6.703	1654	1668	1685	rBV	95897	183036	12.64%	2.687%
13	7.575	1927	1939	1956	rBV3	46495	84457	5.83%	1.240%
14	7.906	2028	2042	2057	rBV	160636	277583	19.18%	4.075%
15	8.185	2119	2129	2144	rBV2	31058	53827	3.72%	0.790%
16	8.639	2258	2270	2296	rBV	263794	482586	33.34%	7.085%
17	9.420	2500	2513	2515	rBV	231322	303591	20.97%	4.457%
18	9.449	2516	2522	2551	rVB	433808	722897	49.94%	10.613%
19	9.571	2551	2560	2565	rBV2	13693	21178	1.46%	0.311%
20	9.693	2585	2598	2613	rBV	62847	101570	7.02%	1.491%
21	10.102	2714	2725	2737	rBV3	21101	34164	2.36%	0.502%
22	10.484	2829	2844	2859	rBV	56833	89139	6.16%	1.309%
23	10.754	2918	2928	2938	rBV	78829	123530	8.53%	1.814%
24	10.893	2958	2971	2991	rVB3	32715	64096	4.43%	0.941%
25	11.288	3084	3094	3103	rVB2	16716	24807	1.71%	0.364%
26	11.465	3139	3149	3162	rVB2	17019	27483	1.90%	0.403%
27	11.806	3242	3255	3272	rBV	229593	387141	26.74%	5.684%
28	11.886	3272	3280	3292	rVB4	19791	30797	2.13%	0.452%
29	12.089	3330	3343	3357	rBV3	22188	34427	2.38%	0.505%
30	12.189	3361	3374	3389	rVB	190615	315294	21.78%	4.629%

Sum of corrected areas: 6811631

LSC Report - Integrated Chromatogram

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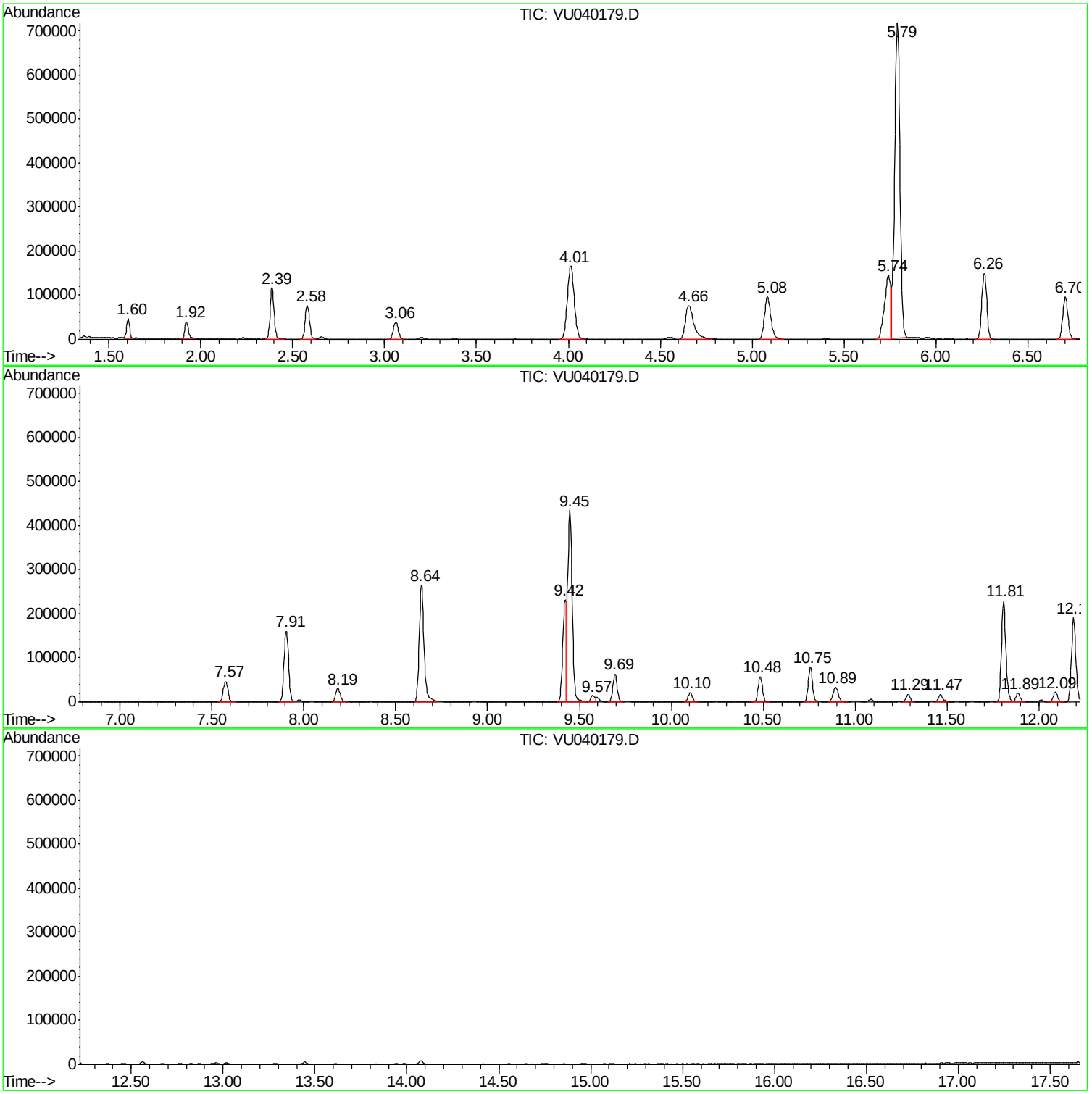
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0N9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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TIC Integration Parameters: LSCINT.P

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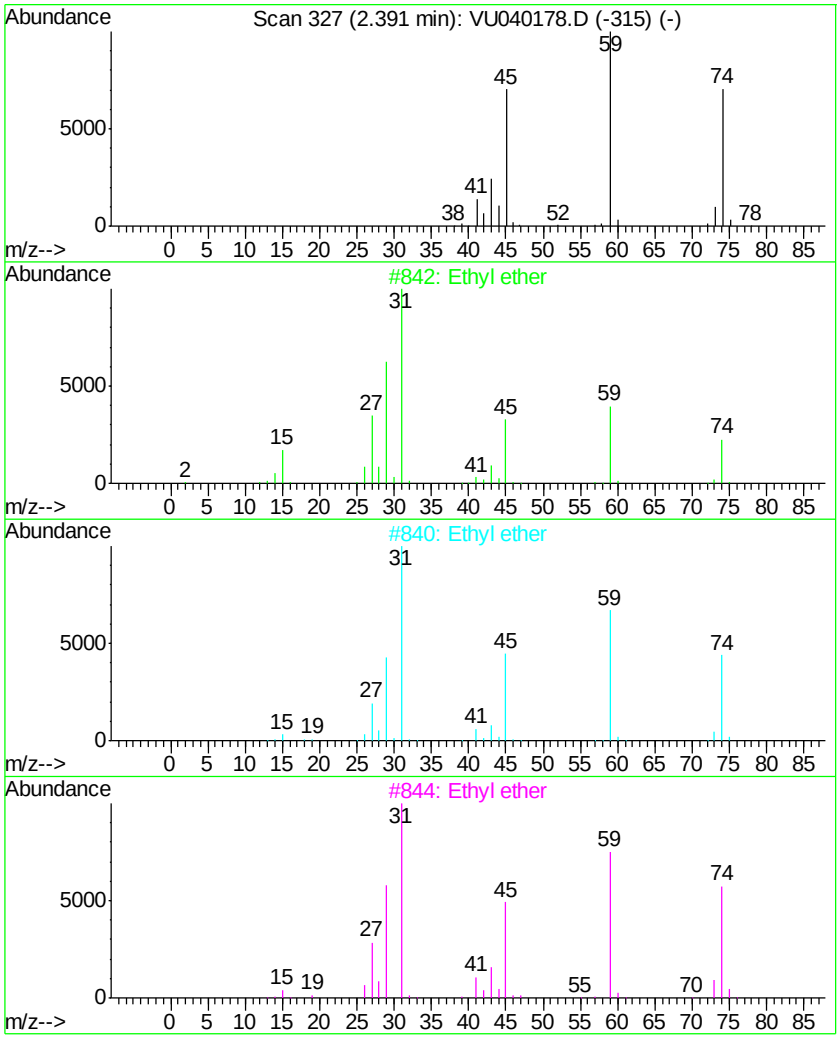
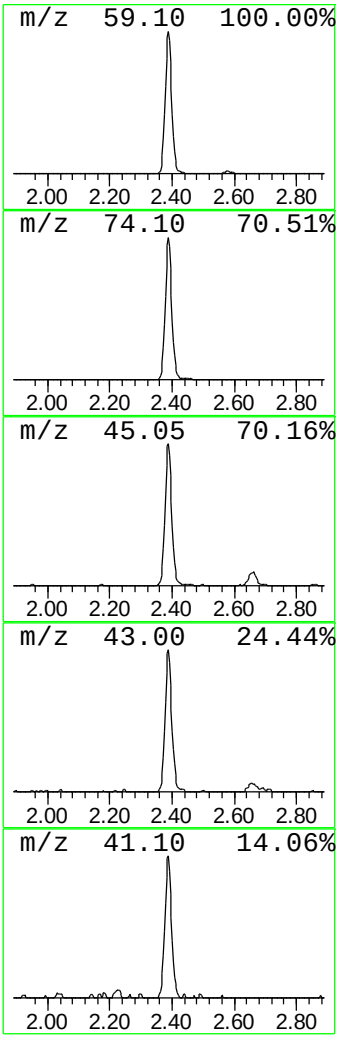
Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	3.07 ug/L	173943	1,4-Difluorobenzene	6.26

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	86
3	Ethyl ether	74	C4H10O	000060-29-7	86
4	Ethyl ether	74	C4H10O	000060-29-7	83
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
Data File : VU040178.D
Acq On : 17 Sep 2020 14:00
Operator : SY/MD
Sample : L4046-01DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0N9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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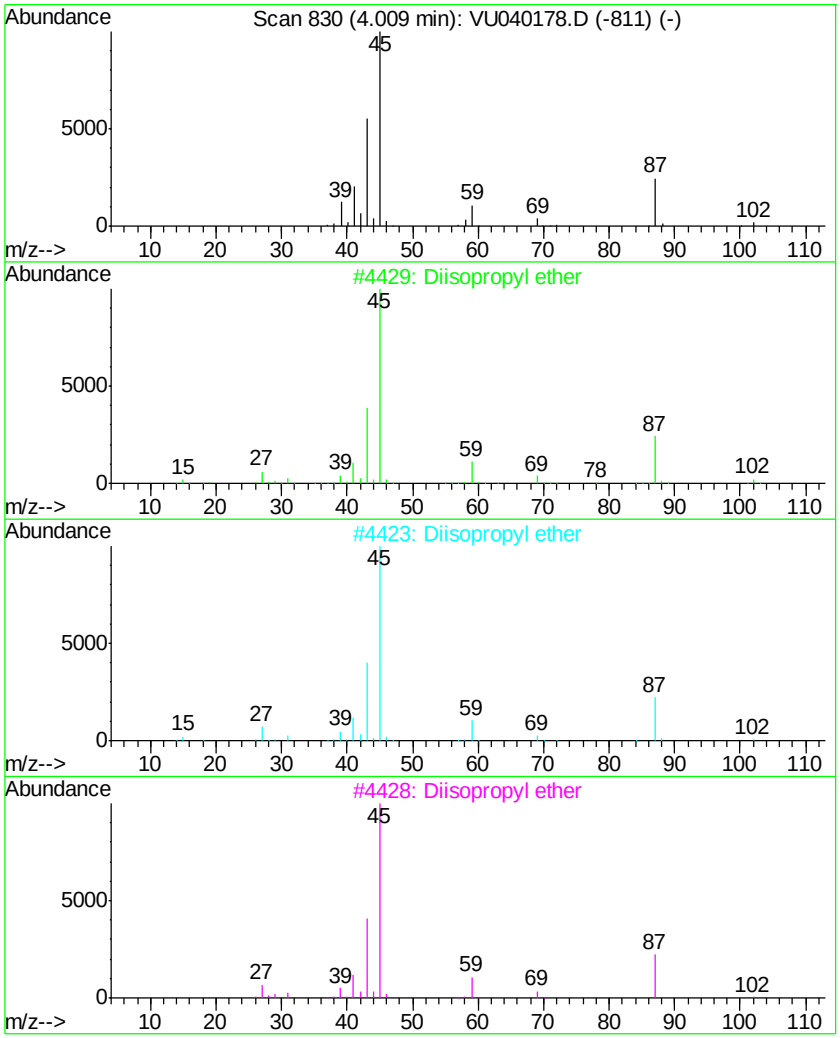
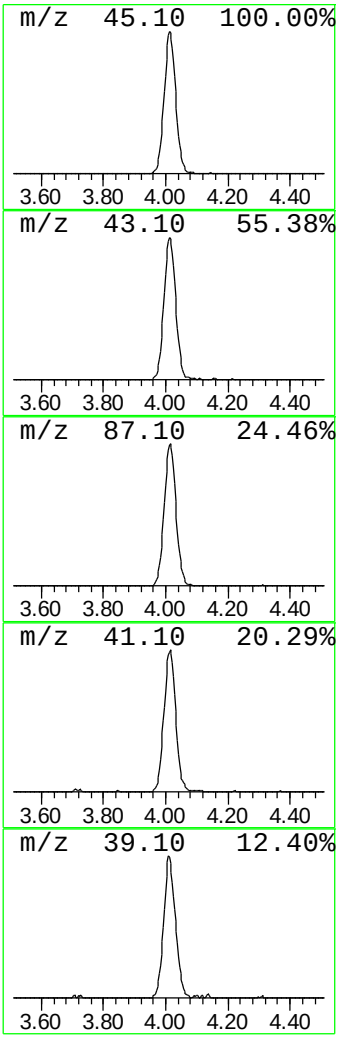
Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	7.66 ug/L	434391	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	78
3	Diisopropyl ether	102	C6H14O	000108-20-3	64
4	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	56
5	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	53





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Instrument : MSVOA_U
ClientSampleId : BG0N9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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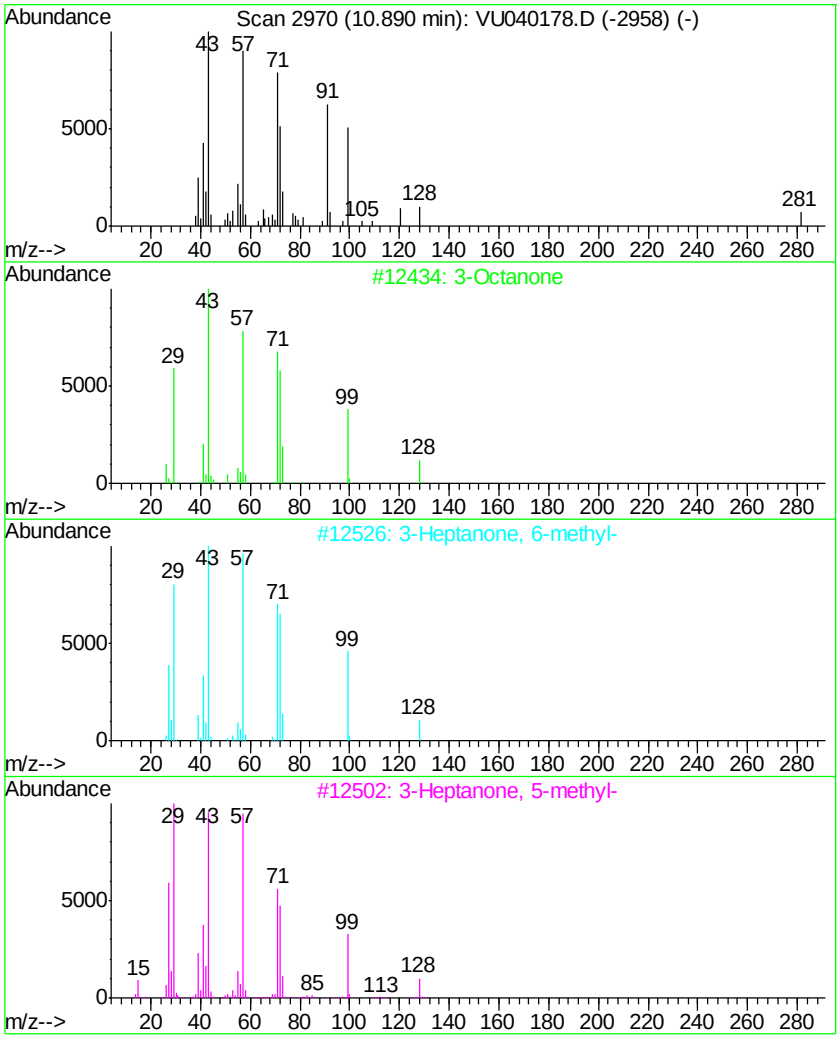
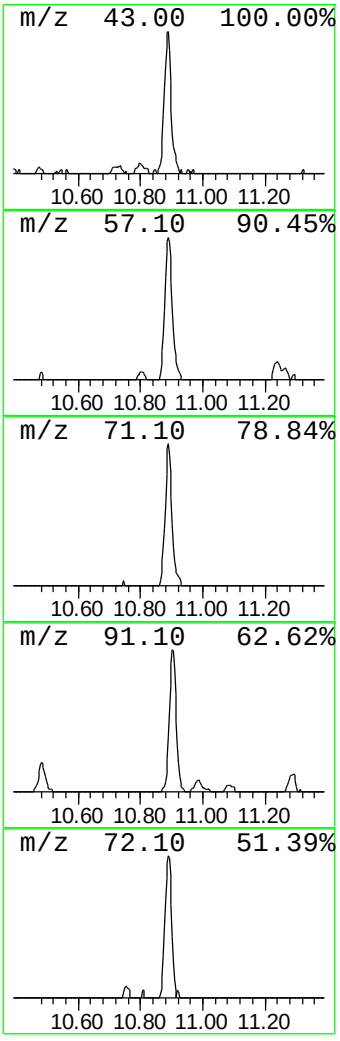
Peak Number 4 3-Octanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	0.83 ug/L	64096	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	74
2	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	64
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	62
4	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	59
5	3,6-Dimethyl-4-octanone	156	C10H20O	034645-03-9	50





Tentatively Identified Compound (LSC) summary

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ClientSampleId : BG0N9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
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	2.39	3.1	ug/L	173943	1	6.26	283585	5.0
Diisopropyl ether	4.01	7.7	ug/L	434391	1	6.26	283585	5.0
3-Octanone	10.89	0.8	ug/L	64096	3	11.81	387141	5.0