LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
Data File : VU039989.D
Acq On : 27 Aug 2020 13:46
Operator : SY/MD
Sample : L3821-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0AB6

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\SOMUTR081920WMA.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	1.366	3	8	21	rVB3	14291	15197	3.02%	0.429%
2	1.604	71	82	91	rBV	42200	51276	10.21%	1.447%
3	1.922	173	181	190	rVB	33440	42480	8.45%	1.199%
4	2.578	373	385	399	rBV	66852	109515	21.80%	3.090%
5	2.678	404	416	421	rBV3	2785	5698	1.13%	0.161%
6	4.668	1015	1035	1075	rBV	30477	136420	27.15%	3.849%
7	5.083	1148	1164	1188	rBV2	65671	162181	32.28%	4.576%
8	5.742	1349	1369	1386	rBV2	121301	307813	61.26%	8.686%
9	6.263	1517	1531	1549	rBV2	95815	177342	35.30%	5.004%
10	6.703	1655	1668	1685	rVB2	79298	155022	30.85%	4.374%
11	7.575	1926	1939	1953	rVB3	40185	69839	13.90%	1.971%
12	7.803	2000	2010	2018	rBV4	3664	5733	1.14%	0.162%
13	7.906	2028	2042	2055	rBV	137219	236661	47.10%	6.678%
14	7.973	2055	2063	2073	rVB2	3327	6042	1.20%	0.170%
15	8.186	2118	2129	2142	rBV2	27613	47833	9.52%	1.350%
16	8.642	2257	2271	2297	rBV	178103	332564	66.19%	9.384%
17	9.420	2501	2513	2528	rBV	138707	228563	45.49%	6.450%
18	10.755	2917	2928	2943	rVB	63979	100086	19.92%	2.824%
19	10.886	2963	2969	2980	rVB4	3506	5159	1.03%	0.146%
20	11.288	3076	3094	3105	rBV4	8546	14513	2.89%	0.410%
21	11.465	3141	3149	3160	rBV3	14308	21487	4.28%	0.606%
22	11.568	3169	3181	3194	rBV	29594	45950	9.15%	1.297%
23	11.684	3209	3217	3228	rVB3	9844	14322	2.85%	0.404%
24	11.806	3244	3255	3268	rVB	153825	240838	47.93%	6.796%
25	11.909	3275	3287	3302	rBV	309774	502435	100.00%	14.178%
26	12.050	3324	3331	3342	rBV6	3586	5627	1.12%	0.159%
27	12.185	3362	3373	3387	rVB	160980	258646	51.48%	7.298%
28	12.880	3578	3589	3601	rBV2	55924	83820	16.68%	2.365%
29	13.729	3842	3853	3865	rBV2	74722	125906	25.06%	3.553%
30	13.992	3923	3935	3949	rVB	23656	34898	6.95%	0.985%

Sum of corrected areas: 3543866

LSC Report - Integrated Chromatogram

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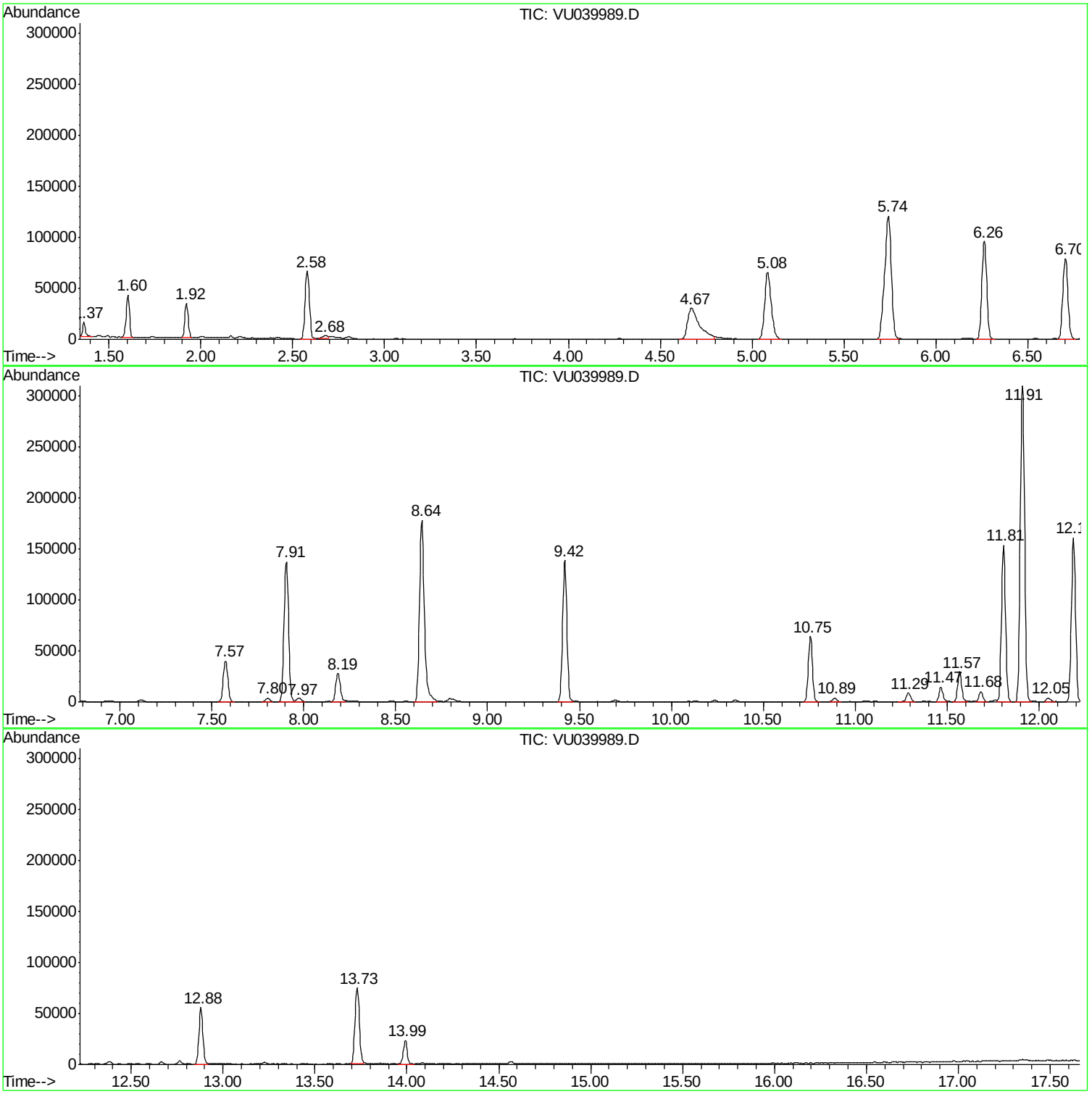
Data File : VU039989.D
Acq On : 27 Aug 2020 13:46
Operator : SY/MD
Sample : L3821-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0AB6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Data File : VU039989.D
Acq On : 27 Aug 2020 13:46
Operator : SY/MD
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

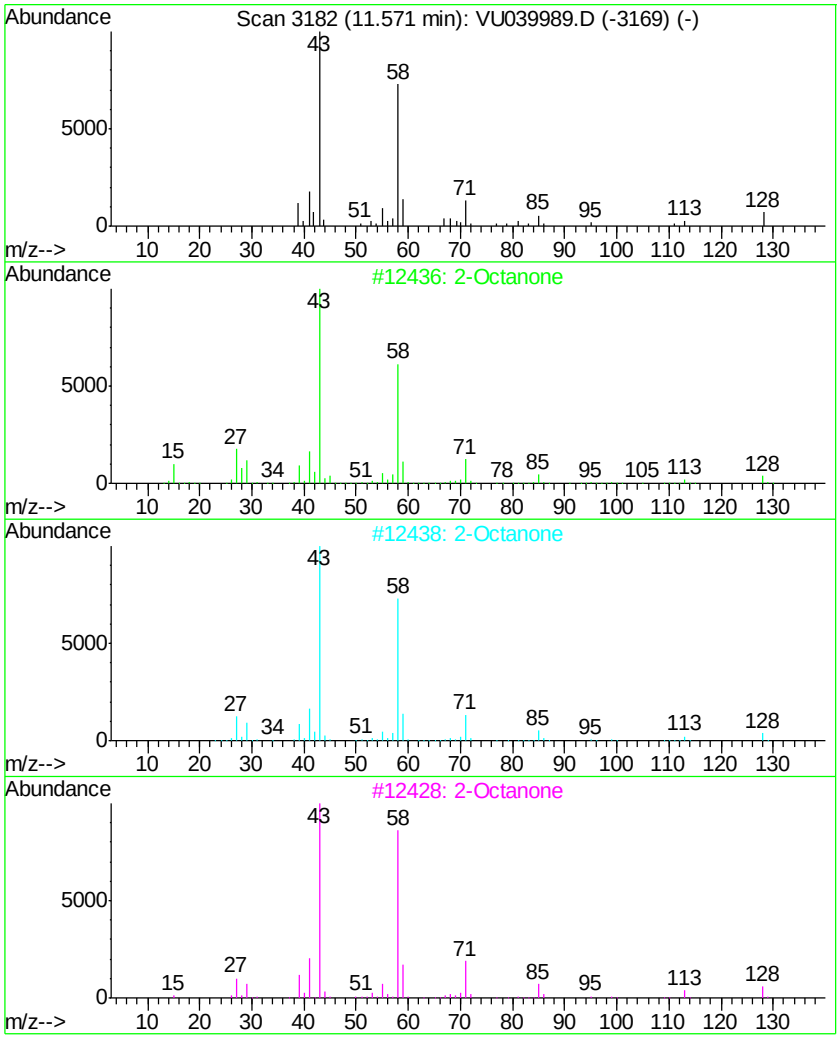
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

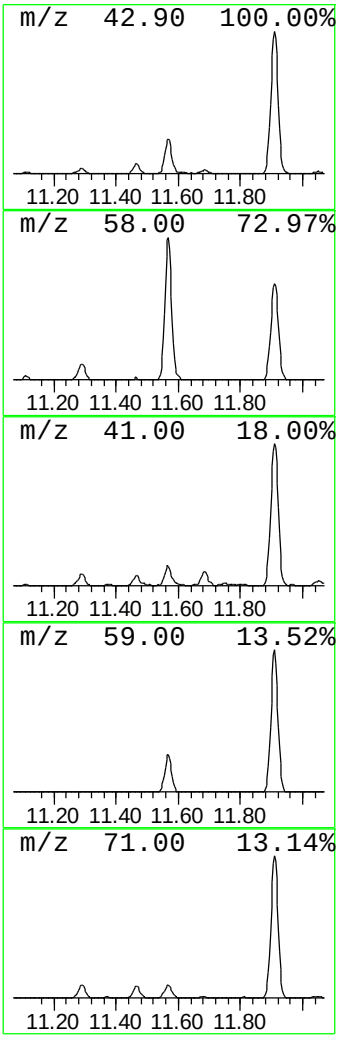
****

Peak Number 2 2-Octanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.95 ug/L	45950	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanone	128	C8H16O	000111-13-7	91
2	2-Octanone	128	C8H16O	000111-13-7	91
3	2-Octanone	128	C8H16O	000111-13-7	91
4	2-Octanone	128	C8H16O	000111-13-7	91
5	2-Octanone	128	C8H16O	000111-13-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
Data File : VU039989.D
Acq On : 27 Aug 2020 13:46
Operator : SY/MD
Sample : L3821-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0AB6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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

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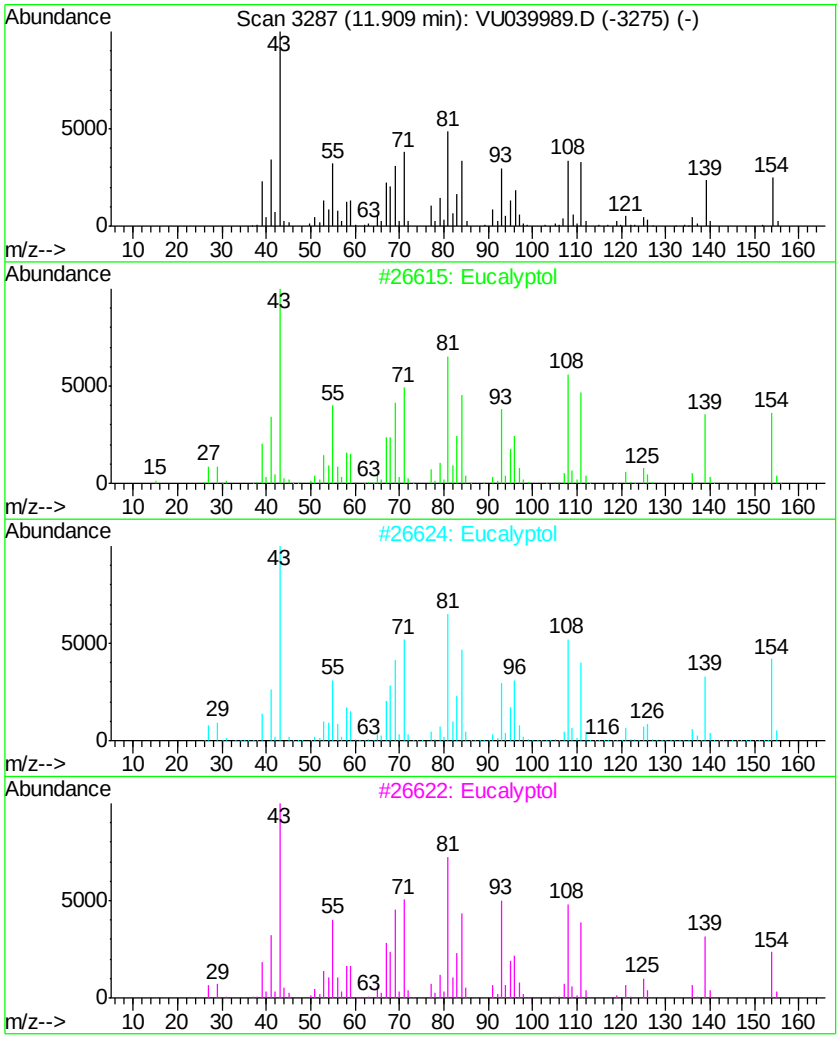
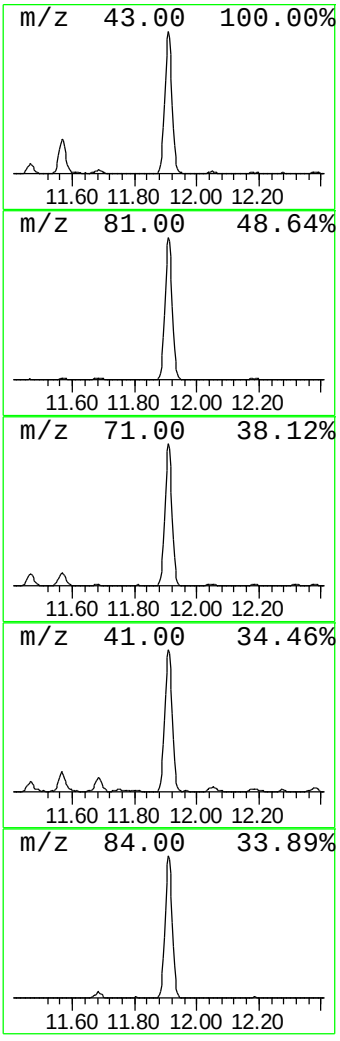
Peak Number 3 Eucalyptol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	10.43 ug/L	502435	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Eucalyptol	154	C10H18O	000470-82-6	96
3	Eucalyptol	154	C10H18O	000470-82-6	93
4	Eucalyptol	154	C10H18O	000470-82-6	90
5	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
Data File : VU039989.D
Acq On : 27 Aug 2020 13:46
Operator : SY/MD
Sample : L3821-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0AB6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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

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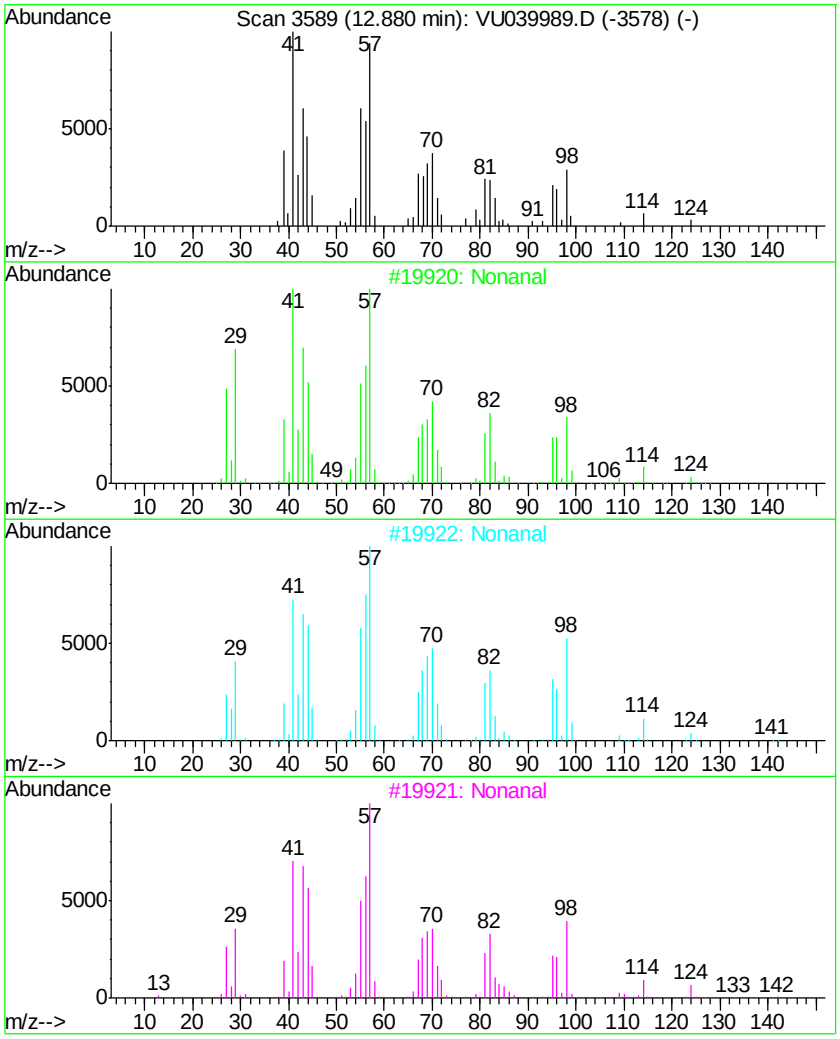
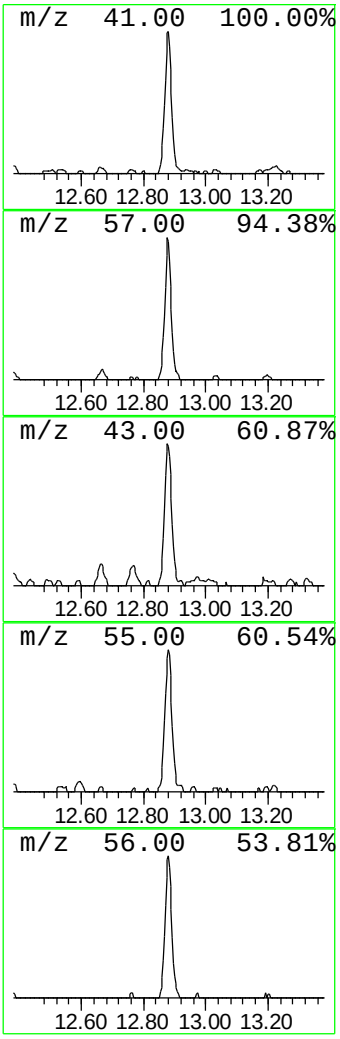
Peak Number 4 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	1.74 ug/L	83820	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	90
3	Nonanal	142	C9H18O	000124-19-6	90
4	Nonanal	142	C9H18O	000124-19-6	86
5	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	38





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Data File : VU039989.D
Acq On : 27 Aug 2020 13:46
Operator : SY/MD
Sample : L3821-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0AB6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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

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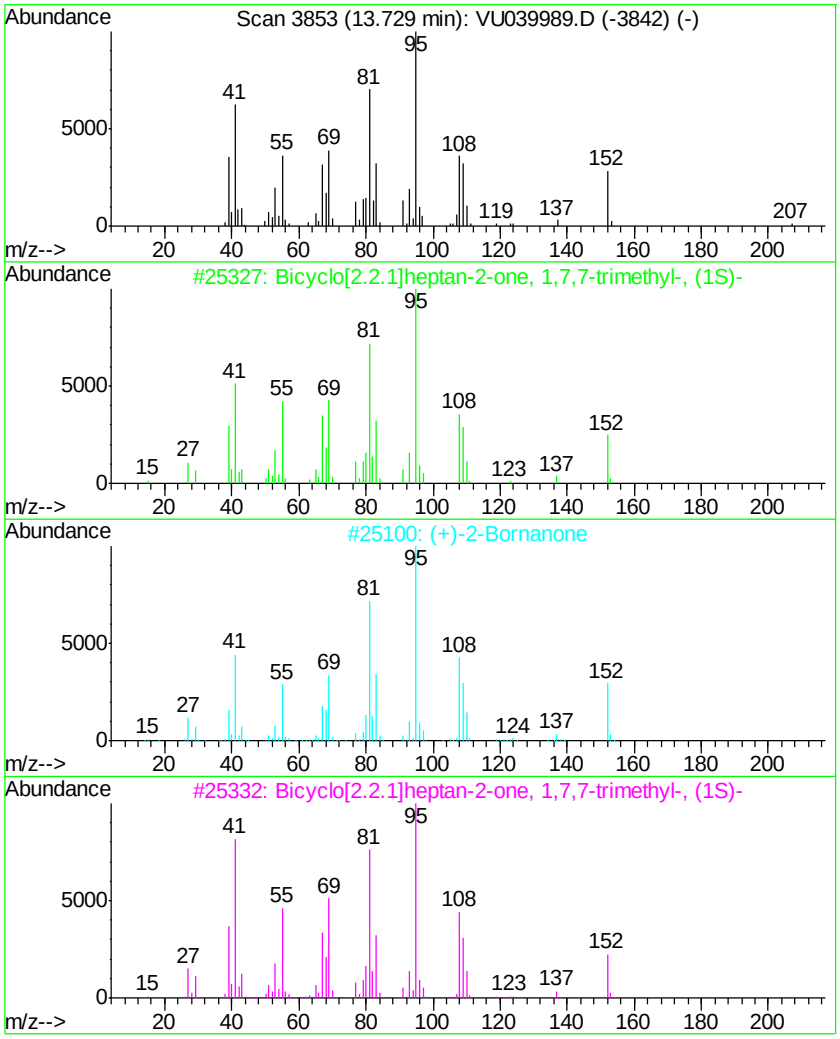
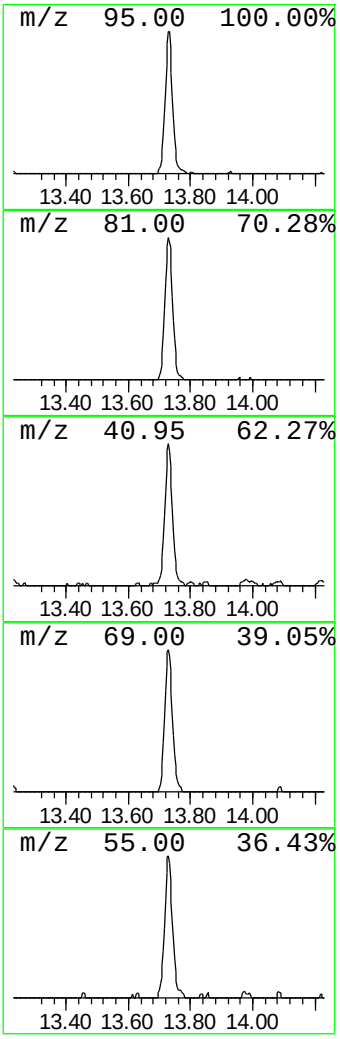
Peak Number 5 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.61 ug/L	125906	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
5	Camphor	152	C10H16O	000076-22-2	95





Library Search Compound Report

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Sample : L3821-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0AB6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

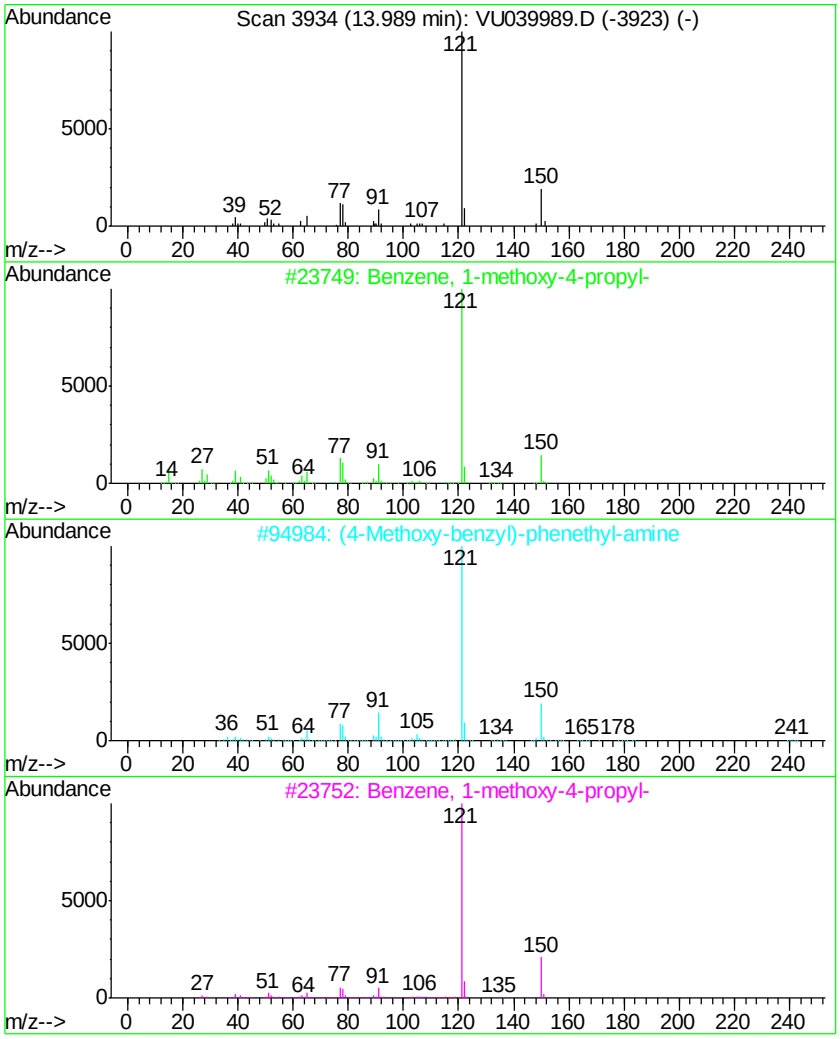
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

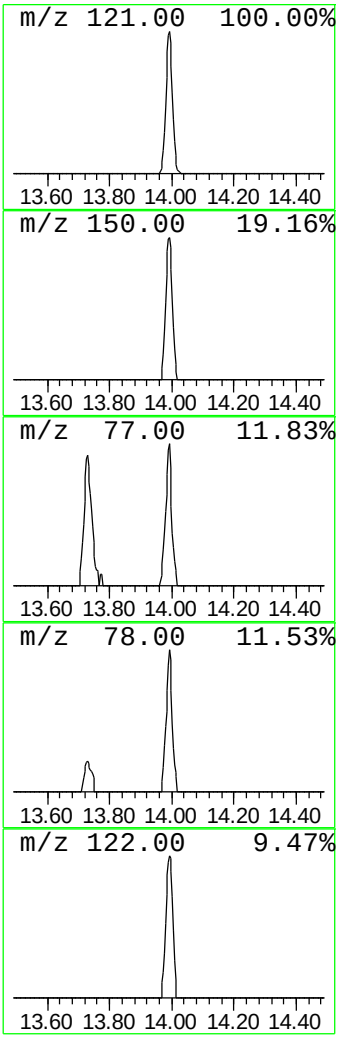
****

Peak Number 6 Benzene, 1-methoxy-4-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	0.72 ug/L	34898	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	91
2	(4-Methoxy-benzyl)-phenethyl-amine	241	C16H19NO	1000300-71-3	83
3	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	80
4	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	80
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	80





Tentatively Identified Compound (LSC) summary

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Data File : VU039989.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.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
2-Octanone	11.57	0.9	ug/L	45950	3	11.81	240838	5.0
Eucalyptol	11.91	10.4	ug/L	502435	3	11.81	240838	5.0
Nonanal	12.88	1.7	ug/L	83820	3	11.81	240838	5.0
Bicyclo[2.2.1]hep...	13.73	2.6	ug/L	125906	3	11.81	240838	5.0
Benzene, 1-methox...	13.99	0.7	ug/L	34898	3	11.81	240838	5.0