LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
Data File : VV016199.D
Acq On : 26 May 2020 18:45
Operator : SY/MD
Sample : L2725-07DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B17DL

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_V\METHOD\SOMVTR052620WMA.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	1.315	63	70	84	rVB	50806	54496	16.08%	1.381%
2	1.579	144	152	164	rBV	42462	51808	15.29%	1.313%
3	2.039	288	295	304	rVB3	6354	9049	2.67%	0.229%
4	2.123	311	321	336	rBV	77006	114971	33.93%	2.914%
5	2.795	515	530	554	rVB	128510	277094	81.77%	7.023%
6	3.946	875	888	933	rBV	35285	141943	41.89%	3.598%
7	4.380	1007	1023	1041	rBV	59368	144242	42.56%	3.656%
8	4.483	1041	1055	1071	rVB4	6443	16755	4.94%	0.425%
9	5.074	1222	1239	1262	rBV2	142282	338880	100.00%	8.589%
10	5.309	1285	1312	1354	rBV3	51036	255158	75.29%	6.467%
11	5.643	1403	1416	1435	rBV	132842	265101	78.23%	6.719%
12	6.097	1542	1557	1582	rBV	79427	163941	48.38%	4.155%
13	6.827	1774	1784	1793	rBV4	2877	4742	1.40%	0.120%
14	7.010	1825	1841	1860	rBV	39445	71627	21.14%	1.815%
15	7.116	1860	1874	1887	rBV	33202	78503	23.17%	1.990%
16	7.190	1887	1897	1919	rVB2	33095	80660	23.80%	2.044%
17	7.338	1930	1943	1962	rBV	173420	299413	88.35%	7.589%
18	7.537	1988	2005	2029	rBV	66160	159060	46.94%	4.031%
19	7.646	2029	2039	2058	rVB2	24224	43376	12.80%	1.099%
20	7.968	2125	2139	2146	rBV2	2542	4732	1.40%	0.120%
21	8.116	2175	2185	2224	rBV	177703	337505	99.59%	8.554%
22	8.351	2249	2258	2276	rVB9	3822	9511	2.81%	0.241%
23	8.833	2395	2408	2410	rBV4	5056	7108	2.10%	0.180%
24	8.875	2410	2421	2433	rVB	197718	316581	93.42%	8.024%
25	8.984	2447	2455	2467	rVB3	16742	28209	8.32%	0.715%
26	9.113	2482	2495	2502	rBV6	2088	4781	1.41%	0.121%
27	9.228	2523	2531	2542	rVB5	2948	5438	1.60%	0.138%
28	10.238	2834	2845	2857	rBV	55021	85617	25.26%	2.170%
29	11.270	3156	3166	3191	rBV	198475	308406	91.01%	7.817%
30	11.646	3272	3283	3299	rBV	159860	253985	74.95%	6.437%
31	13.527	3859	3868	3882	rVB2	4404	7053	2.08%	0.179%
32	13.768	3936	3943	3954	rVB3	4004	5743	1.69%	0.146%

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Title : TRACE VOA SOM01.0

Sum of corrected areas: 3945488

LSC Report - Integrated Chromatogram

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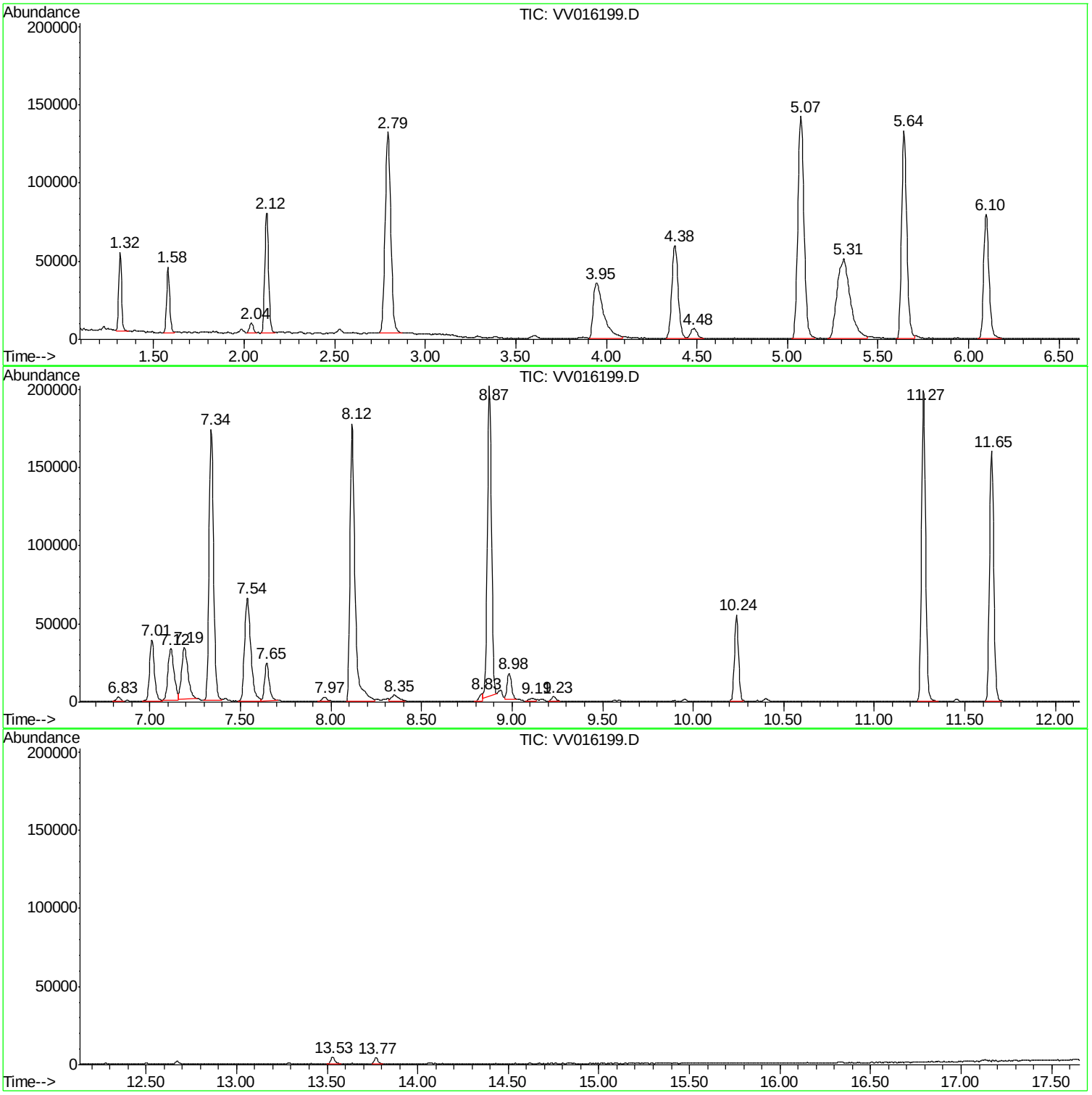
Data File : VV016199.D
Acq On : 26 May 2020 18:45
Operator : SY/MD
Sample : L2725-07DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

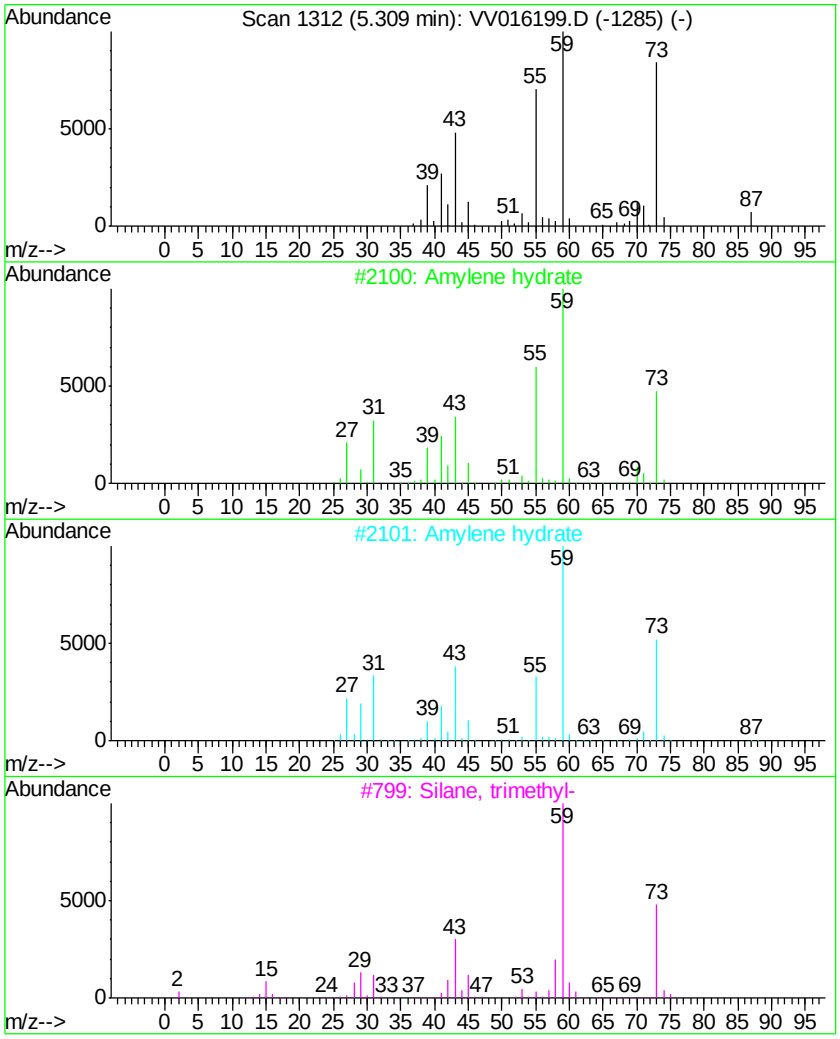
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

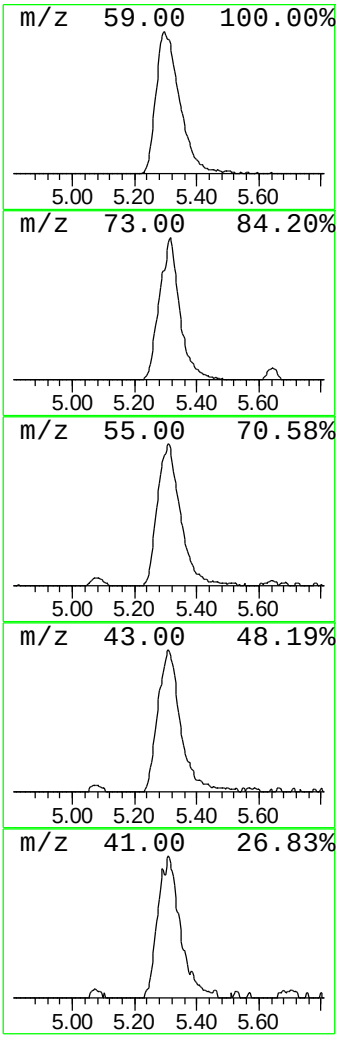
****

Peak Number 1 Amylene hydrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	4.81 ug/L	255158	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	Amylene hydrate	88	C5H12O	000075-85-4	72
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	53
4	Propane, 2-methoxy-	74	C4H10O	000598-53-8	47
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	47





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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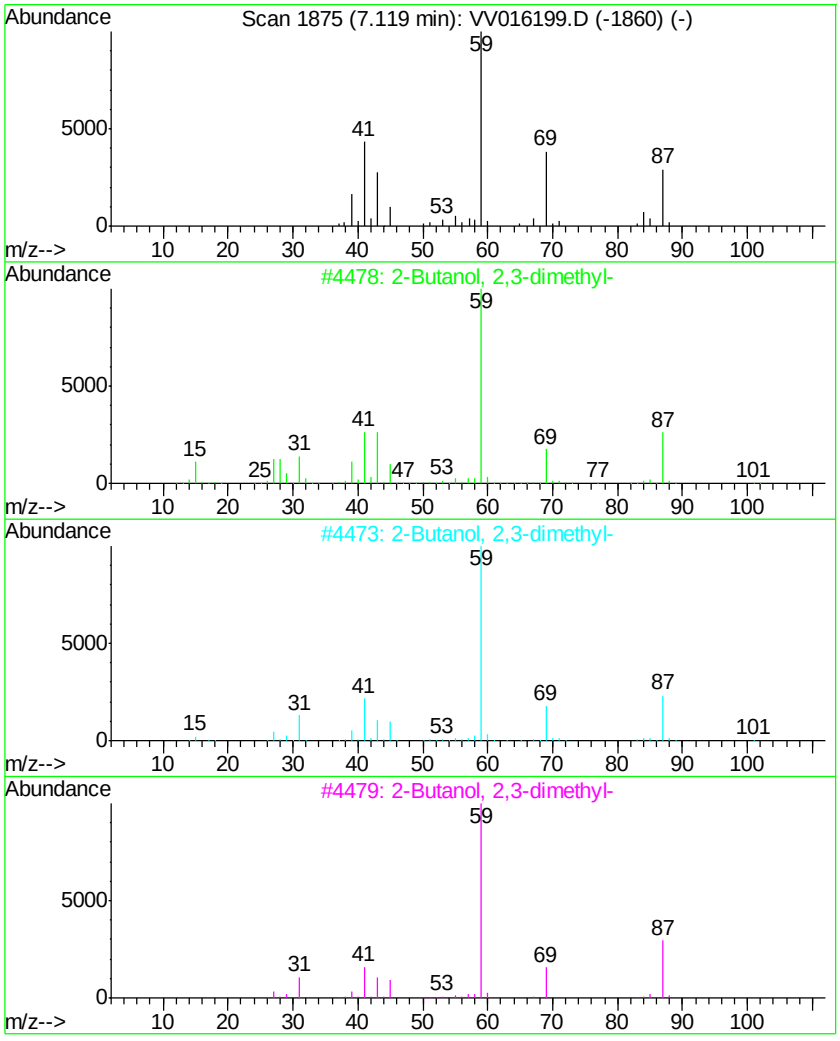
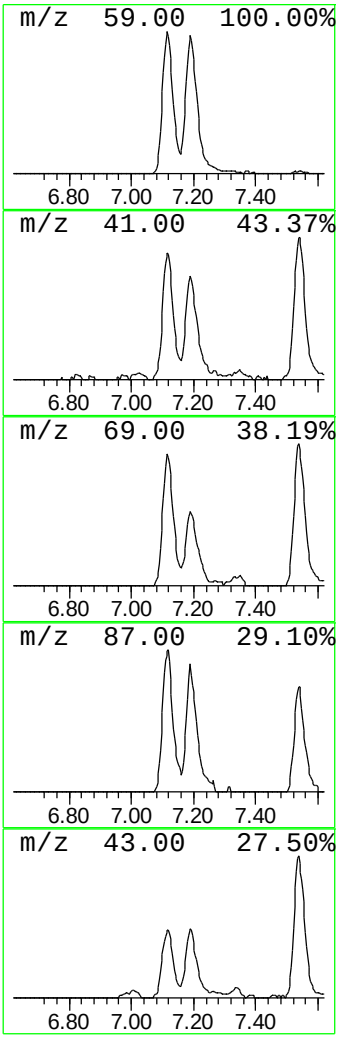
Peak Number 3 2-Butanol, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	1.48 ug/L	78503	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	78
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	45
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	40





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Acq On : 26 May 2020 18:45
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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

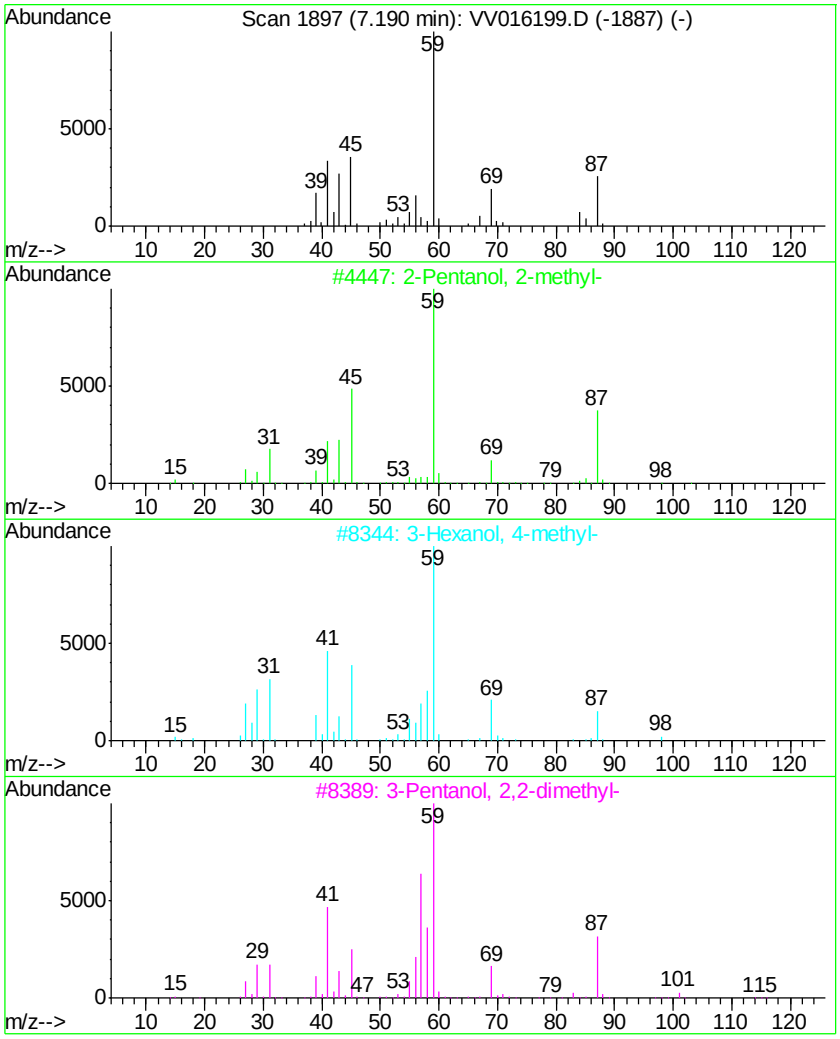
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

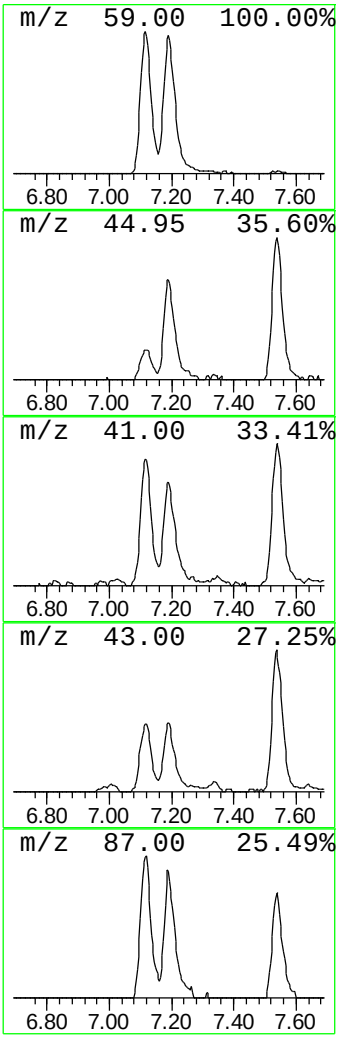
****

Peak Number 4 2-Pentanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	1.52 ug/L	80660	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	72
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	72
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
5	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

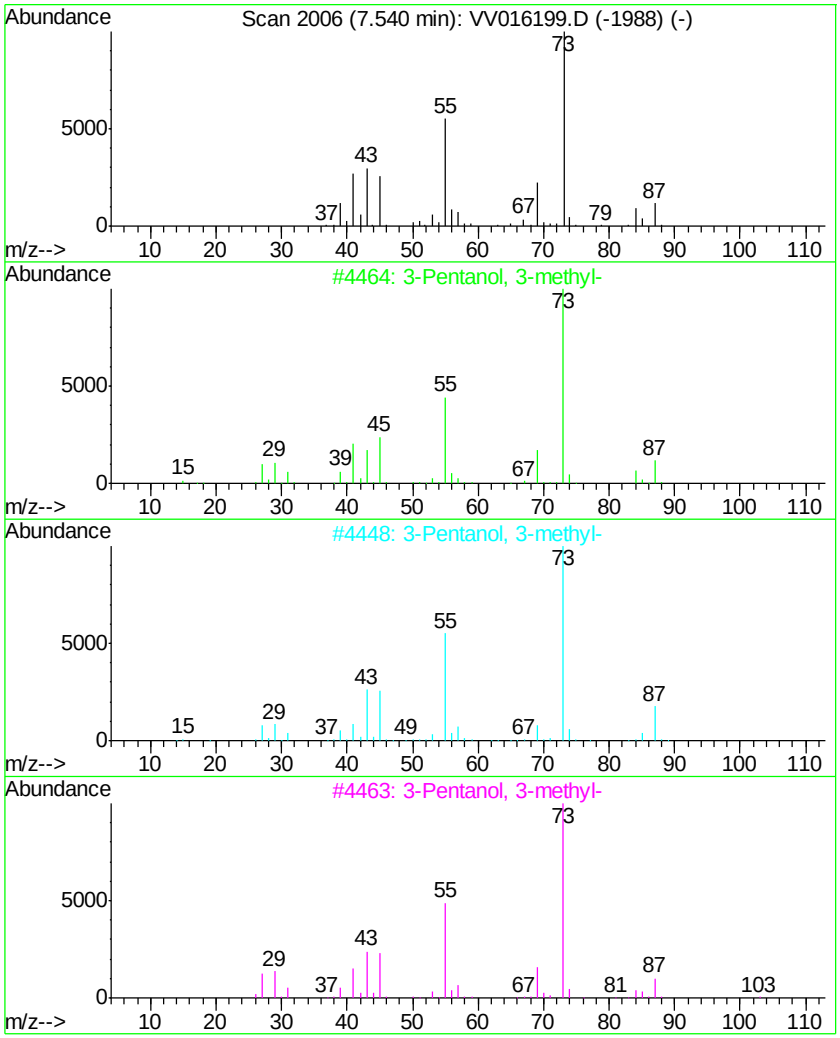
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

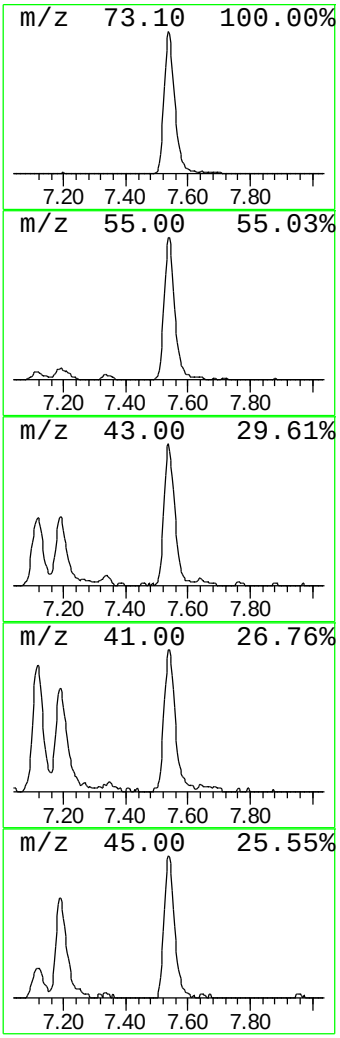
****

Peak Number 5 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	2.51 ug/L	159060	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	83
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	47
5	4-Heptanol, 3-methyl-	130	C8H18O	001838-73-9	42





Tentatively Identified Compound (LSC) summary

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ClientSampleId : F9B17DL

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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
Amylene hydrate	5.31	4.8	ug/L	255158	1	5.64	265101	5.0
2-Butanol, 2,3-di...	7.12	1.5	ug/L	78503	1	5.64	265101	5.0
2-Pentanol, 2-met...	7.19	1.5	ug/L	80660	1	5.64	265101	5.0
3-Pentanol, 3-met...	7.54	2.5	ug/L	159060	2	8.87	316581	5.0