LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016173.D
Acq On : 22 May 2020 16:15
Operator : SY/MD
Sample : L2725-07DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 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\SOMVTR050720WMA.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	79	rVB	69286	70831	16.17%	1.578%
2	1.579	145	152	167	rBV	61480	71874	16.41%	1.601%
3	1.984	271	278	285	rVB5	3014	4502	1.03%	0.100%
4	2.039	285	295	311	rVB	18679	27957	6.38%	0.623%
5	2.126	311	322	341	rBV	120051	179455	40.97%	3.997%
6	2.531	436	448	460	rBV	6034	11004	2.51%	0.245%
7	2.791	509	529	551	rBV	144241	316308	72.22%	7.045%
8	3.299	676	687	705	rBV4	2542	5438	1.24%	0.121%
9	3.608	769	783	797	rVB8	3199	7692	1.76%	0.171%
10	3.945	875	888	932	rVV2	26463	114693	26.19%	2.554%
11	4.380	1006	1023	1045	rBV	75975	192657	43.99%	4.291%
12	4.489	1045	1057	1072	rVB3	9052	22719	5.19%	0.506%
13	5.077	1222	1240	1271	rBV2	176952	437980	100.00%	9.755%
14	5.309	1284	1312	1348	rBV6	36763	206092	47.06%	4.590%
15	5.643	1404	1416	1450	rBV	156450	322302	73.59%	7.178%
16	6.097	1545	1557	1584	rBV	102723	209409	47.81%	4.664%
17	6.826	1774	1784	1794	rVB3	4439	7079	1.62%	0.158%
18	7.013	1830	1842	1860	rBV2	44596	83461	19.06%	1.859%
19	7.113	1860	1873	1887	rVV3	22484	61208	13.98%	1.363%
20	7.190	1887	1897	1927	rVB2	22476	67825	15.49%	1.511%
21	7.341	1932	1944	1964	rBV	227946	397692	90.80%	8.857%
22	7.540	1992	2006	2030	rBV2	44839	124916	28.52%	2.782%
23	7.646	2030	2039	2055	rVB	26558	46897	10.71%	1.044%
24	8.119	2176	2186	2221	rBV	150450	310179	70.82%	6.908%
25	8.875	2403	2421	2434	rBV	236618	388451	88.69%	8.652%
26	8.987	2448	2456	2475	rVB4	11324	24549	5.61%	0.547%
27	10.238	2833	2845	2857	rBV	59106	91090	20.80%	2.029%
28	10.399	2888	2895	2904	rBV4	3201	4859	1.11%	0.108%
29	11.270	3156	3166	3189	rBV	235349	365012	83.34%	8.129%
30	11.646	3271	3283	3310	rBV	199204	315846	72.11%	7.034%

Sum of corrected areas: 4489977

LSC Report - Integrated Chromatogram

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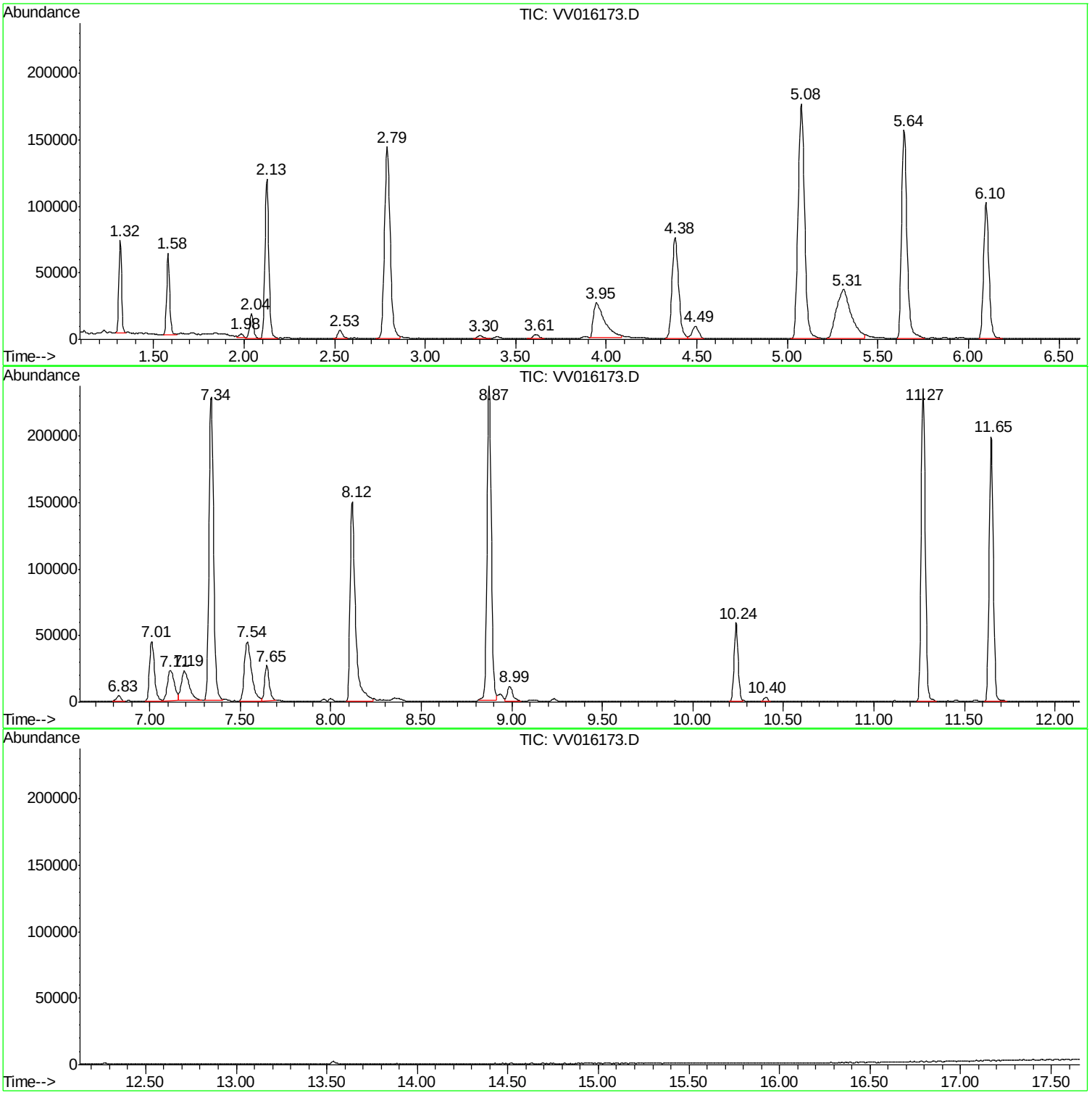
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016173.D
Acq On : 22 May 2020 16:15
Operator : SY/MD
Sample : L2725-07DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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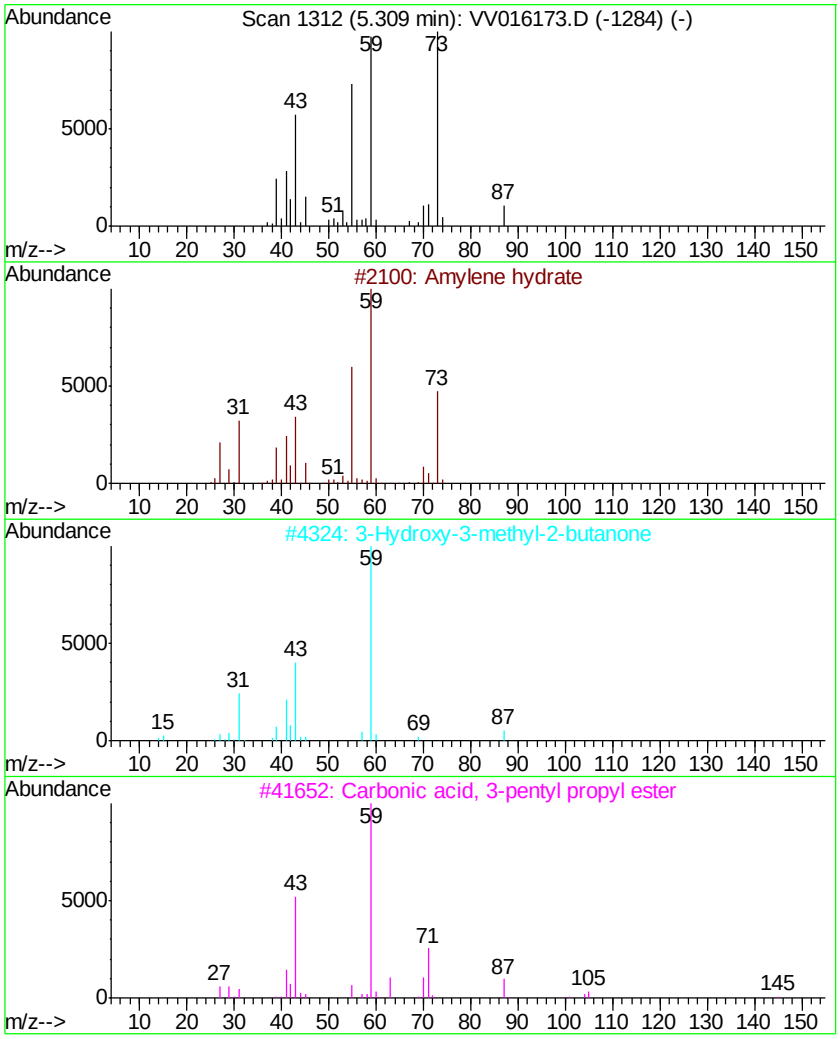
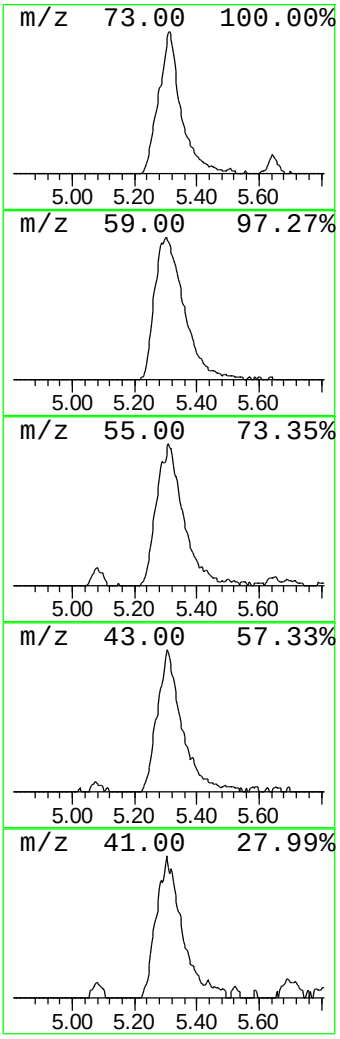
Peak Number 1 Amylene hydrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	3.20 ug/L	206092	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	72
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	47
3	Carbonic acid, 3-pentyl propyl e...	174	C9H18O3	1000325-64-0	40
4	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	37
5	Propane, 2-methoxy-	74	C4H10O	000598-53-8	37





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Operator : SY/MD
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Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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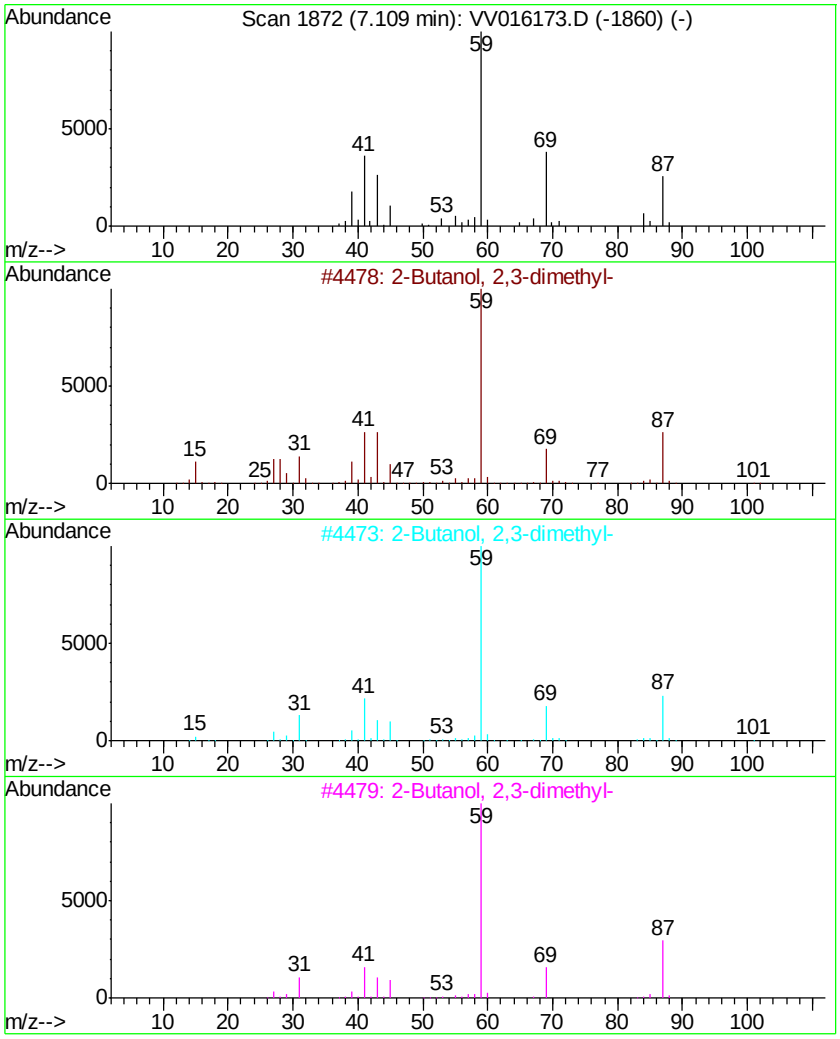
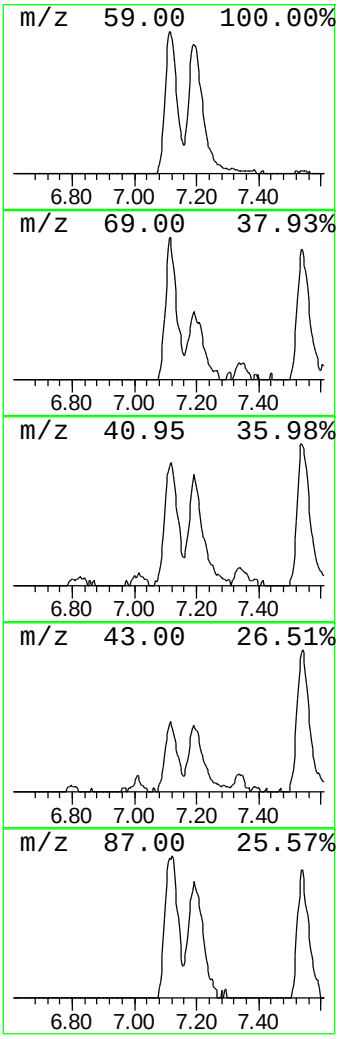
Peak Number 3 2-Butanol, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	0.95 ug/L	61208	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	83
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	78
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	72
5	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
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Operator : SY/MD
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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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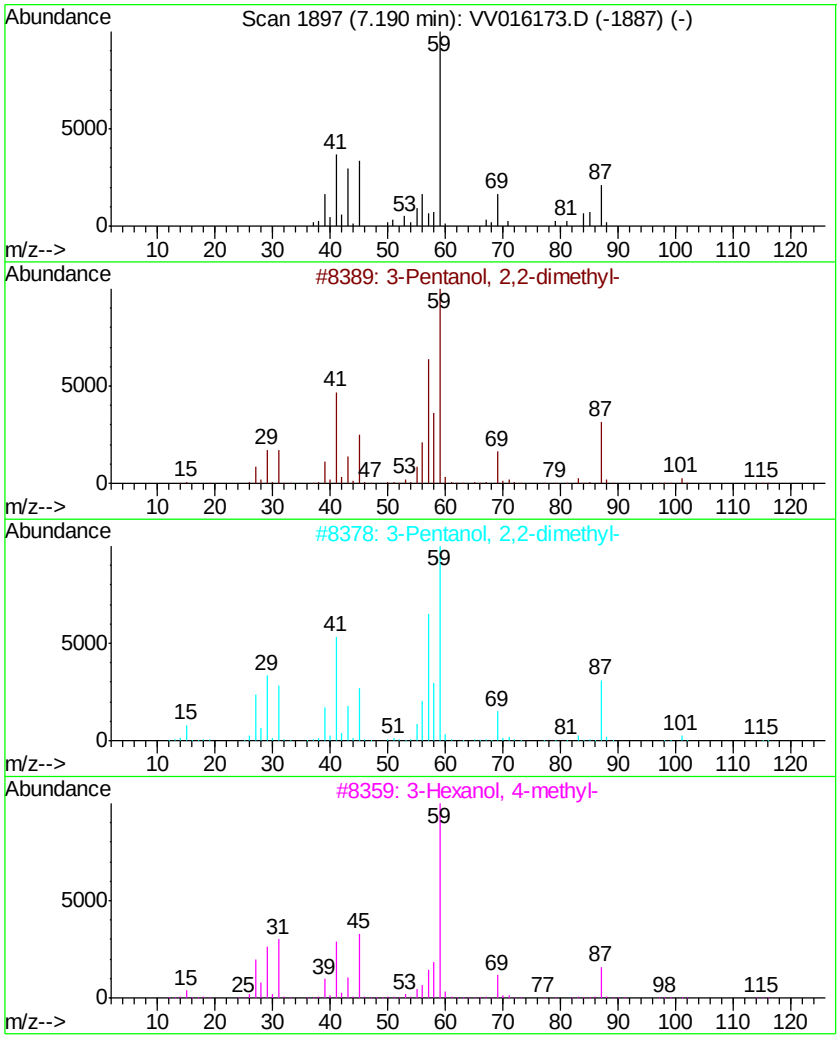
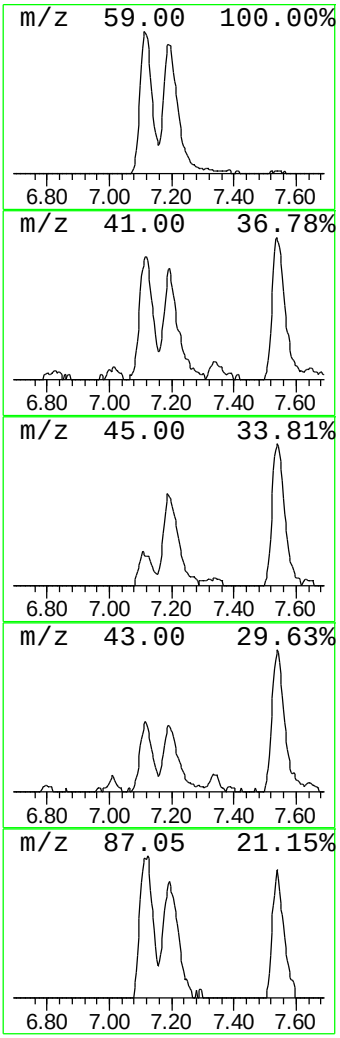
Peak Number 4 3-Pentanol, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	1.05 ug/L	67825	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	64
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	40
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	39
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	38





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Sample : L2725-07DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B17DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

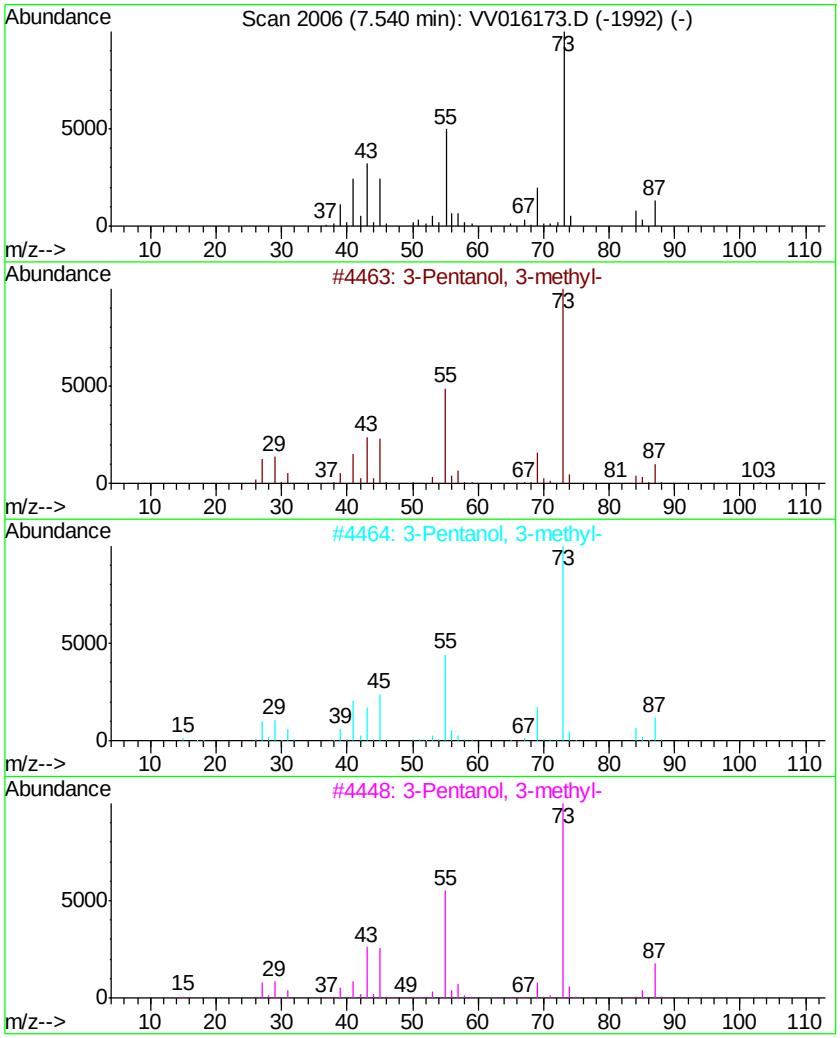
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

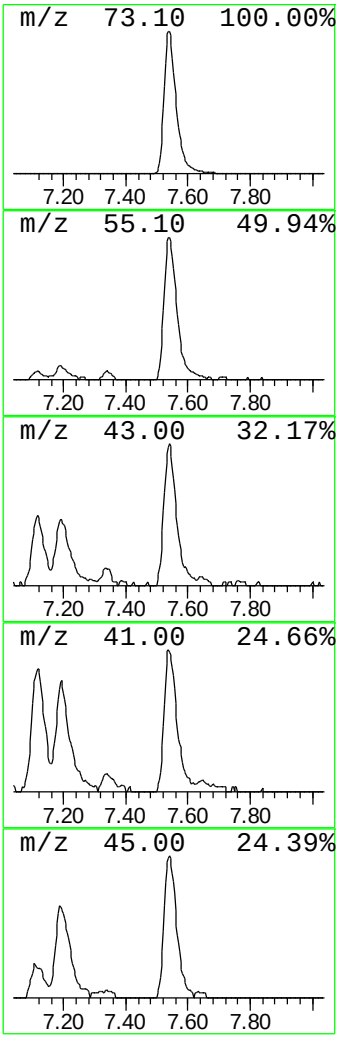
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	1.61 ug/L	124916	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	78
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	72
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	47
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43





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
Amylene hydrate	5.31	3.2	ug/L	206092	1	5.64	322302	5.0
2-Butanol, 2,3-di...	7.11	0.9	ug/L	61208	1	5.64	322302	5.0
3-Pentanol, 2,2-d...	7.19	1.1	ug/L	67825	1	5.64	322302	5.0
3-Pentanol, 3-met...	7.54	1.6	ug/L	124916	2	8.87	388451	5.0