LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
Data File : VY007627.D
Acq On : 24 Feb 2022 19:01
Operator : SY/MD
Sample : N1584-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D9-10.5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_Y\methods\82Y022322S.M
Title : SW846 8260

Signal : TIC: VY007627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.888	3	11	18	rVB2	25395	47191	3.75%	1.015%
2	2.077	36	42	47	rBV	12087	16899	1.34%	0.363%
3	2.387	88	93	99	rVB2	10328	17604	1.40%	0.379%
4	3.948	340	349	363	rBV2	11143	31247	2.48%	0.672%
5	4.204	377	391	404	rBV2	26828	76704	6.09%	1.650%
6	4.948	501	513	515	rBV3	16659	39576	3.14%	0.851%
7	5.222	542	558	576	rBV	336185	1259830	100.00%	27.095%
8	7.545	926	939	952	rBB2	31724	85436	6.78%	1.837%
9	7.722	955	968	973	rBV2	76517	181851	14.43%	3.911%
10	7.789	973	979	989	rVV	115121	269571	21.40%	5.798%
11	8.143	1029	1037	1045	rBV2	65696	147149	11.68%	3.165%
12	8.240	1045	1053	1061	rVV3	20404	49212	3.91%	1.058%
13	8.325	1061	1067	1078	rVB2	13958	34763	2.76%	0.748%
14	8.691	1118	1127	1139	rBV	176049	342113	27.16%	7.358%
15	9.618	1272	1279	1287	rBV4	8613	15834	1.26%	0.341%
16	9.752	1294	1301	1308	rBV4	9162	20067	1.59%	0.432%
17	9.978	1324	1338	1347	rBV5	18265	50448	4.00%	1.085%
18	10.179	1364	1371	1380	rVV	271004	471980	37.46%	10.151%
19	10.295	1384	1390	1396	rVV	17865	31994	2.54%	0.688%
20	11.490	1577	1586	1596	rBV	271017	439914	34.92%	9.461%
21	12.483	1739	1749	1759	rVB2	345681	643617	51.09%	13.842%
22	13.422	1897	1903	1912	rBV	226755	353390	28.05%	7.600%
23	13.965	1986	1992	1997	rVB2	14453	23357	1.85%	0.502%

Sum of corrected areas: 4649747

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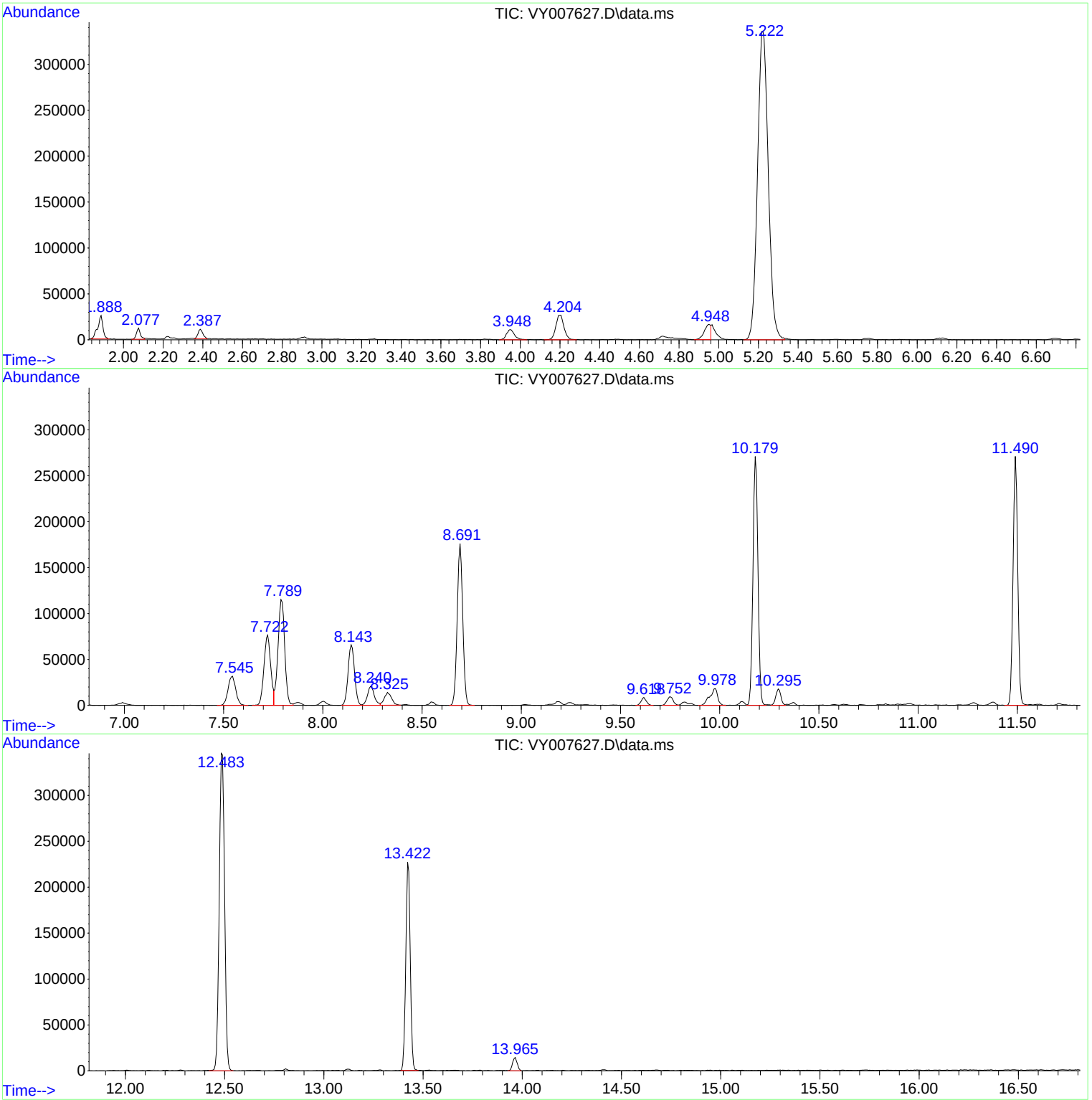
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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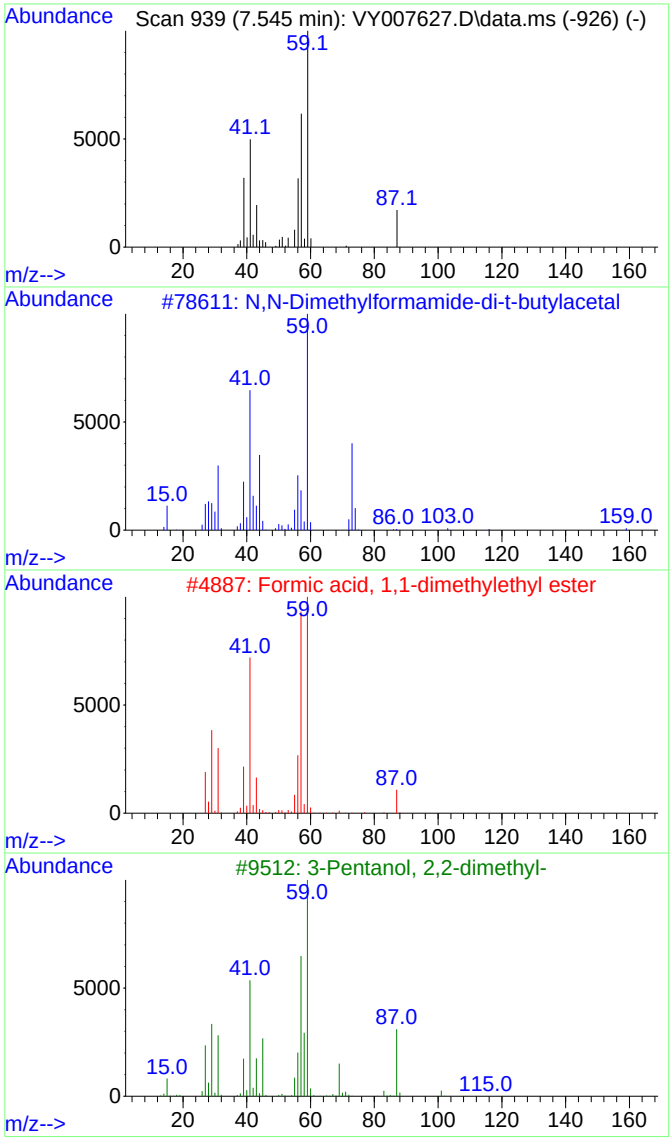
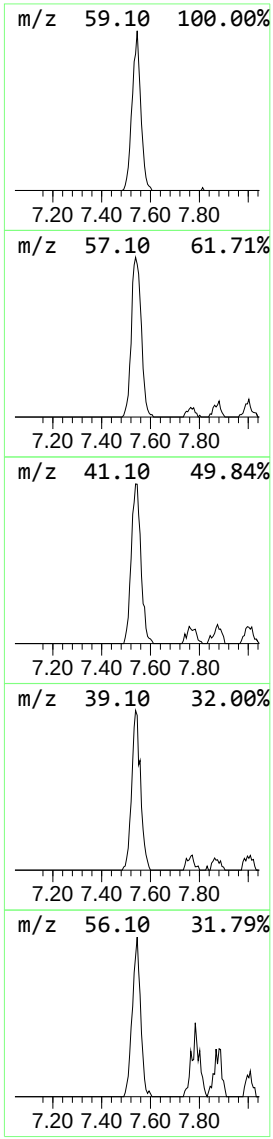
****
Peak Number 2 N,N-Dimethylformamide-di-t-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	15.85 ug/l	85436	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	64
2	Formic acid, 1,1-dimethylethyl e...	102	C5H10O2	000762-75-4	56
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	56
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	56
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	45





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D9-10.5

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Quant Title : SW846 8260

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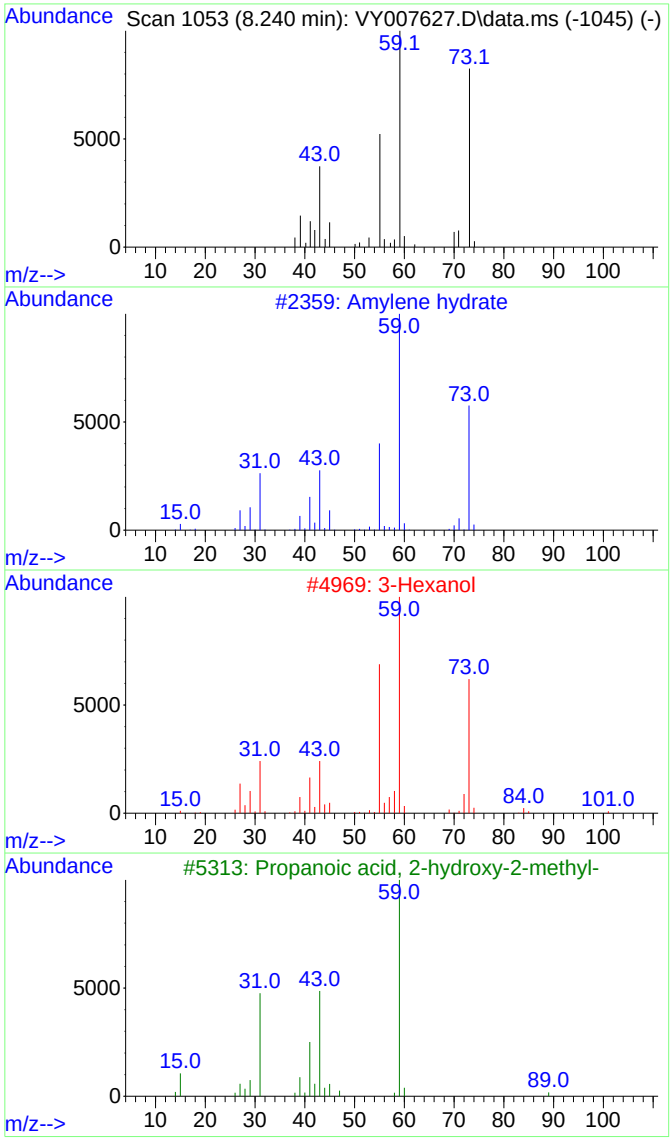
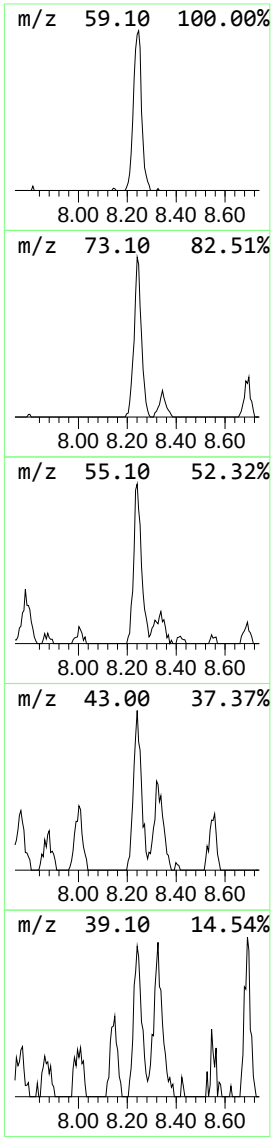
****

Peak Number 3 Amylene hydrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	7.19 ug/l	49212	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	83
2	3-Hexanol	102	C6H14O	000623-37-0	40
3	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	28
4	Guanidine	59	CH5N3	000113-00-8	28
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	9





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Instrument :
MSVOA_Y
ClientSampleId :
D9-10.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

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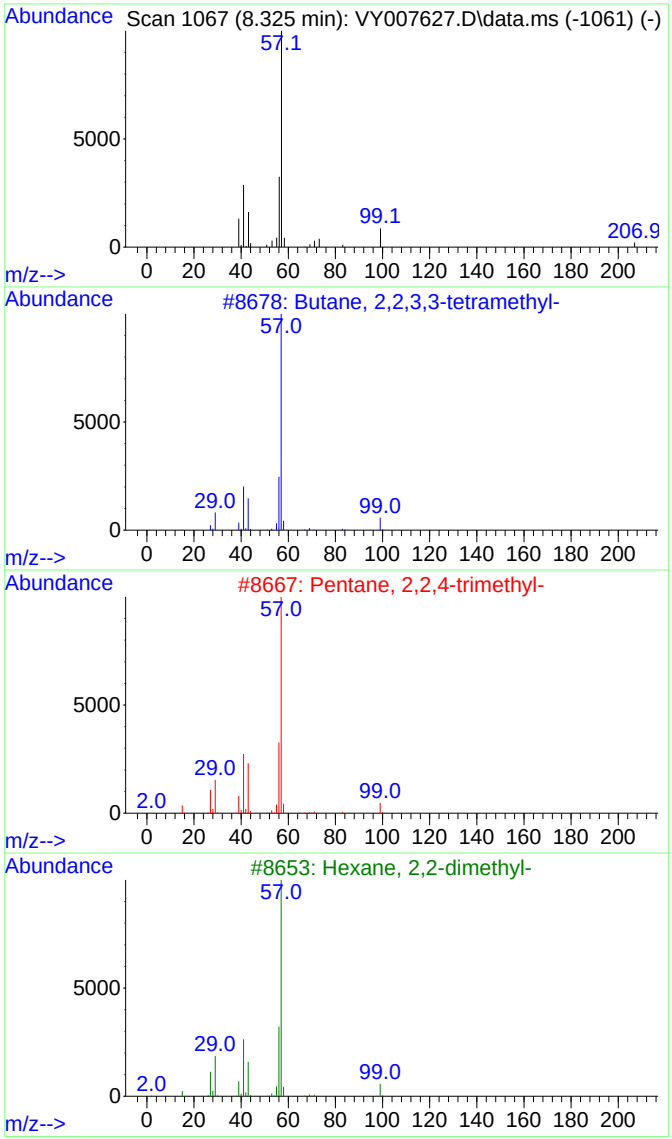
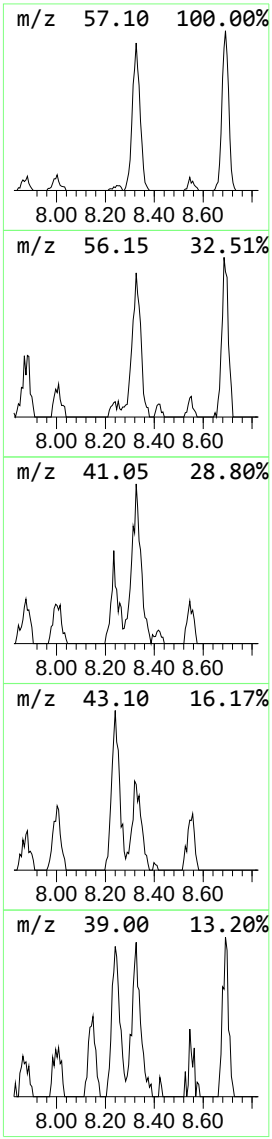
****
Peak Number 4 Butane, 2,2,3,3-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	5.08 ug/l	34763	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	45
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	45
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	40
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38





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Instrument :
MSVOA_Y
ClientSampleId :
D9-10.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

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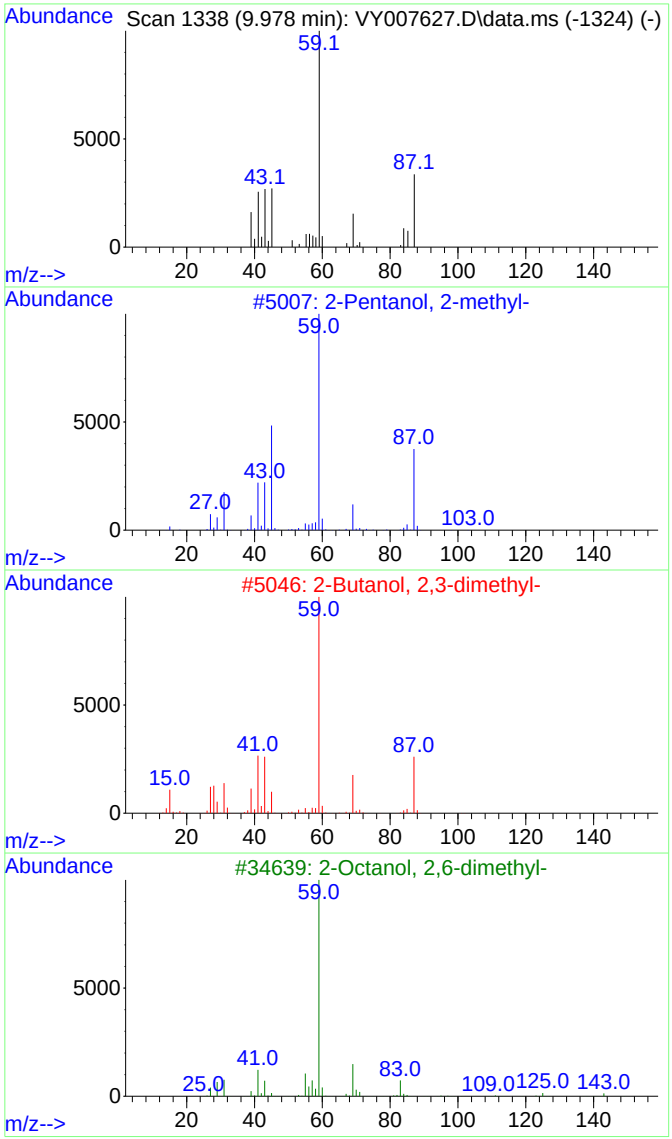
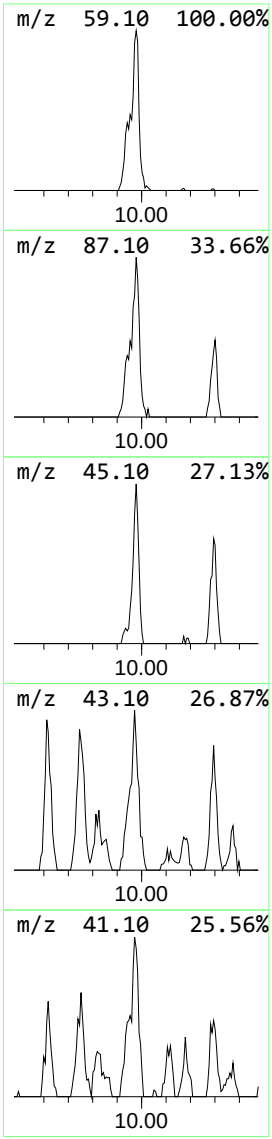
****
Peak Number 5 2-Pentanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.978	7.37 ug/l	50448	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	83
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	50
3	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	50
4	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1010101-80-3	47
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	42





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
N,N-Dimethylfor...	7.545	15.9	ug/l	85436	1	7.789	269571	50.0
Amylene hydrate	8.240	7.2	ug/l	49212	2	8.691	342113	50.0
Butane, 2,2,3,3...	8.325	5.1	ug/l	34763	2	8.691	342113	50.0
2-Pentanol, 2-m...	9.978	7.4	ug/l	50448	2	8.691	342113	50.0