LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102418\
Data File : VN051981.D
Acq On : 24 Oct 2018 12:14
Operator : MD\SY
Sample : J5643-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 001M-WILLETS-PT-BLVD-(SEP)

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_N\METHODS\624N101218W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.317	160	169	183	rVB	72497	117390	4.62%	0.832%
2	2.442	197	208	219	rBV4	35726	66409	2.62%	0.471%
3	3.703	586	600	615	rBV2	11051	29607	1.17%	0.210%
4	3.815	620	635	661	rVV	192094	499789	19.69%	3.543%
5	4.333	778	796	815	rBV2	42090	121729	4.80%	0.863%
6	5.416	1109	1133	1158	rBV3	52976	180938	7.13%	1.283%
7	6.252	1374	1393	1413	rBV3	30280	89446	3.52%	0.634%
8	6.648	1498	1516	1529	rBV	19461	55210	2.18%	0.391%
9	6.841	1557	1576	1594	rBV2	37115	108360	4.27%	0.768%
10	7.198	1665	1687	1712	rBV2	353819	954073	37.59%	6.763%
11	7.375	1720	1742	1768	rBV	562891	1481641	58.37%	10.503%
12	8.027	1927	1945	1967	rBV2	344427	802071	31.60%	5.686%
13	8.288	2002	2026	2041	rBV5	97865	247361	9.75%	1.753%
14	8.455	2064	2078	2095	rVB3	119489	263530	10.38%	1.868%
15	8.587	2103	2119	2144	rBV	922083	1913057	75.37%	13.561%
16	9.185	2293	2305	2322	rVB4	25552	55239	2.18%	0.392%
17	9.403	2357	2373	2391	rBV2	65479	138820	5.47%	0.984%
18	9.976	2540	2551	2562	rBV3	18158	37577	1.48%	0.266%
19	10.091	2571	2587	2602	rBV	1387625	2538180	100.00%	17.992%
20	10.538	2702	2726	2746	rBV2	38007	176962	6.97%	1.254%
21	11.072	2879	2892	2904	rBV7	23895	51012	2.01%	0.362%
22	11.149	2904	2916	2928	rBV6	22125	49697	1.96%	0.352%
23	11.407	2982	2996	3019	rBV	1272929	2200215	86.68%	15.596%
24	11.625	3051	3064	3078	rBV3	40094	82531	3.25%	0.585%
25	11.963	3146	3169	3180	rBV5	48694	128559	5.07%	0.911%
26	12.400	3293	3305	3323	rBV	939722	1600402	63.05%	11.345%
27	13.033	3494	3502	3512	rBV5	28722	50138	1.98%	0.355%
28	13.095	3515	3521	3536	rVB4	13817	25530	1.01%	0.181%
29	13.882	3753	3766	3775	rBV5	24256	41685	1.64%	0.295%

Sum of corrected areas: 14107158

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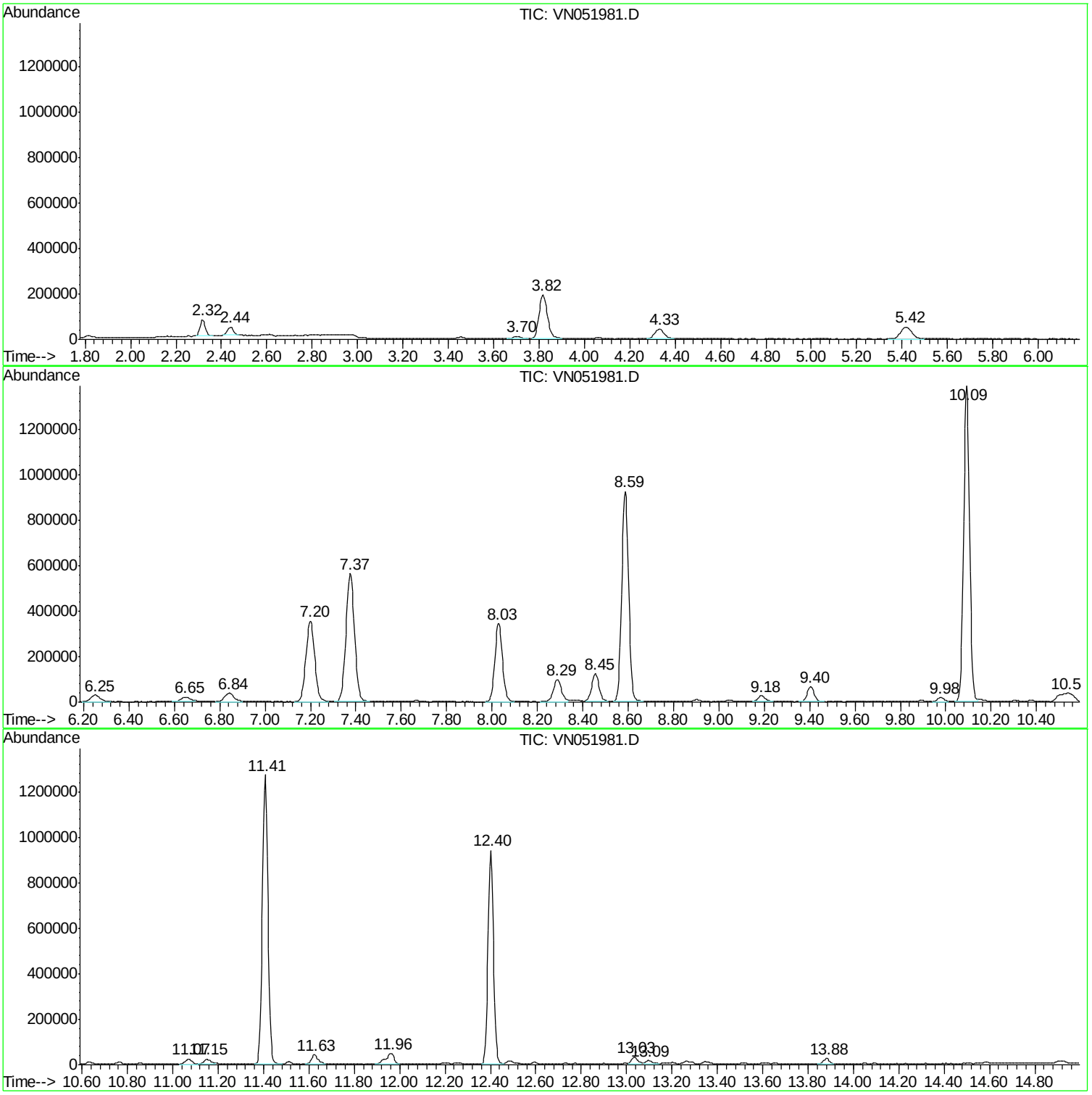
ALS Vial : 9 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 001M-WILLETS-PT-BLVD-(SEP)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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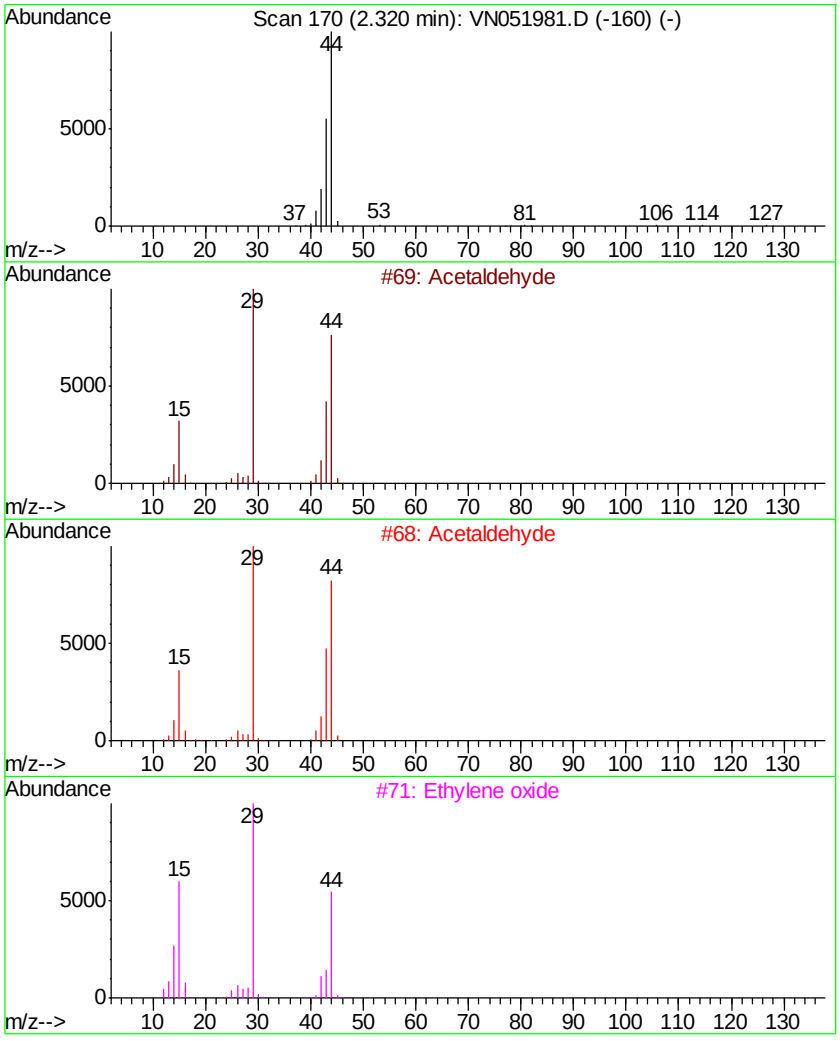
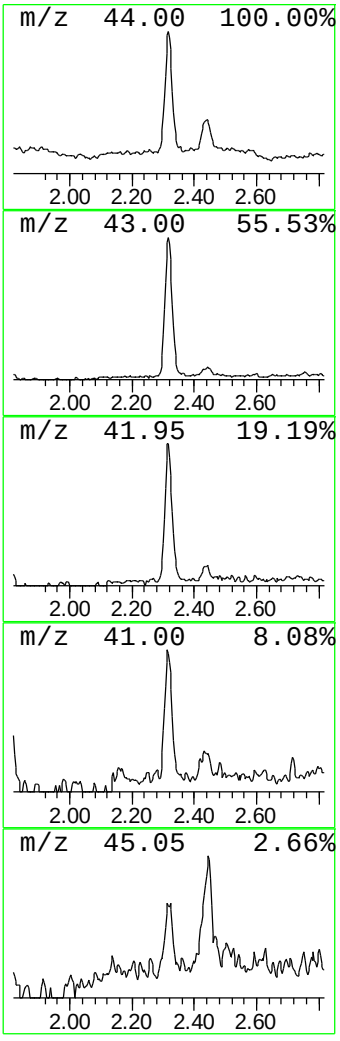
****

Peak Number 1 unknown2.32 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	3.69 ug/l	117390	Bromochloromethane	7.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Acetaldehyde	44	C2H4O	000075-07-0	9
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Carbon dioxide	44	CO2	000124-38-9	4





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Instrument : MSVOA_N
ClientSampleId : 001M-WILLETS-PT-BLVD-(SEP)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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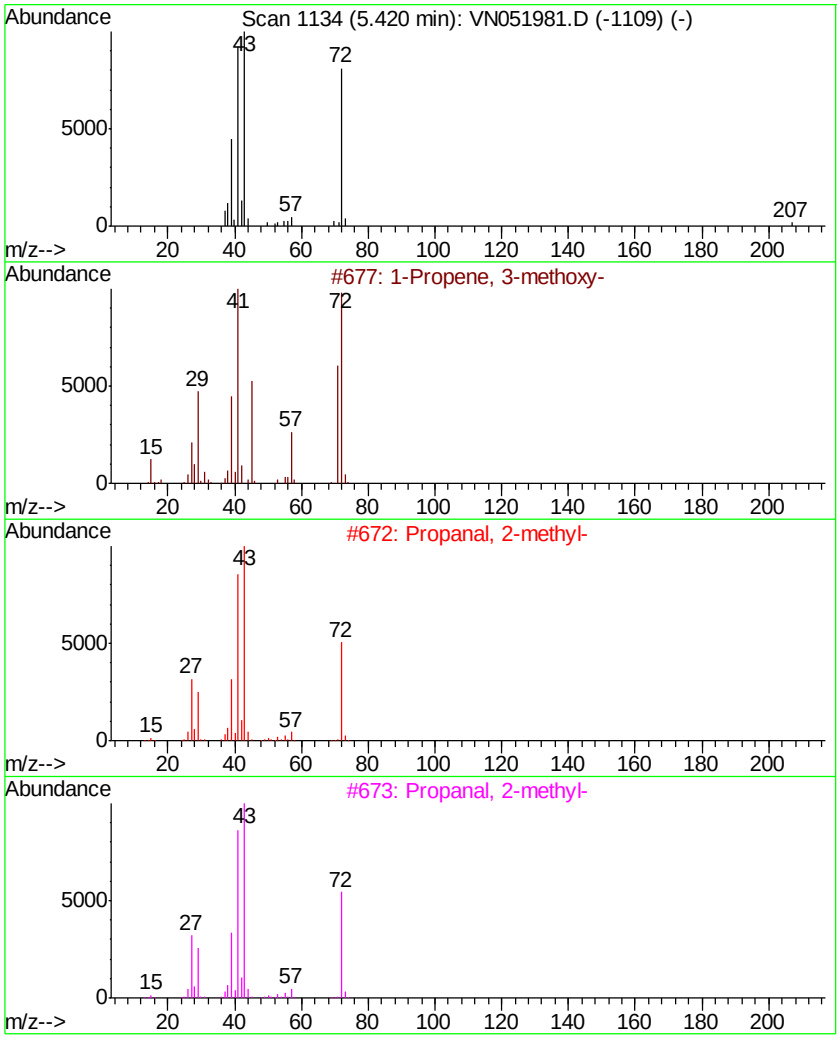
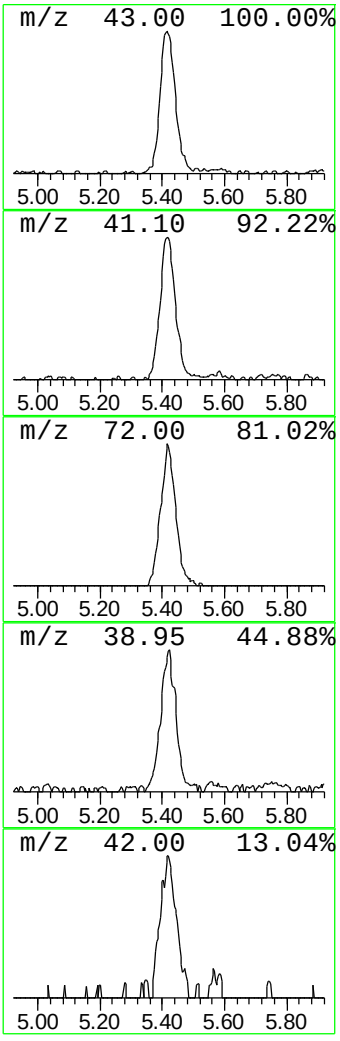
Peak Number 2 1-Propene, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	5.69 ug/l	180938	Bromochloromethane	7.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	64
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	59
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	59
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	58
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	53





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Instrument : MSVOA_N
ClientSampleId : 001M-WILLETS-PT-BLVD-(SEP)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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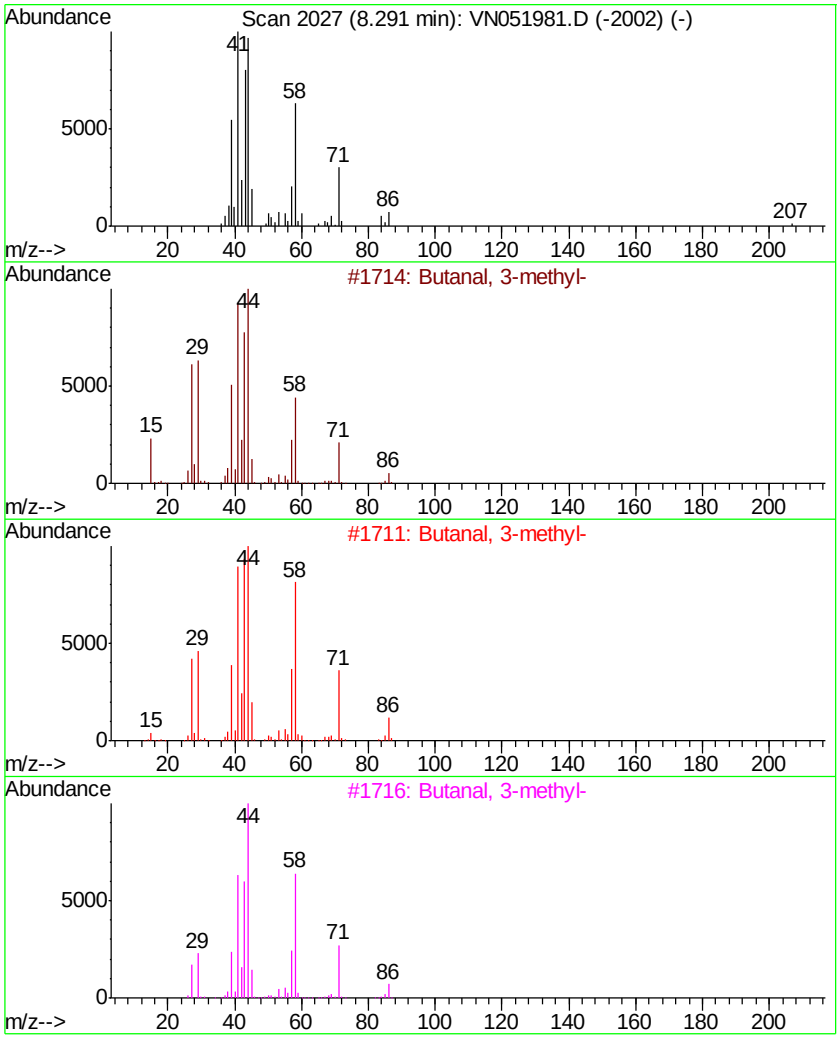
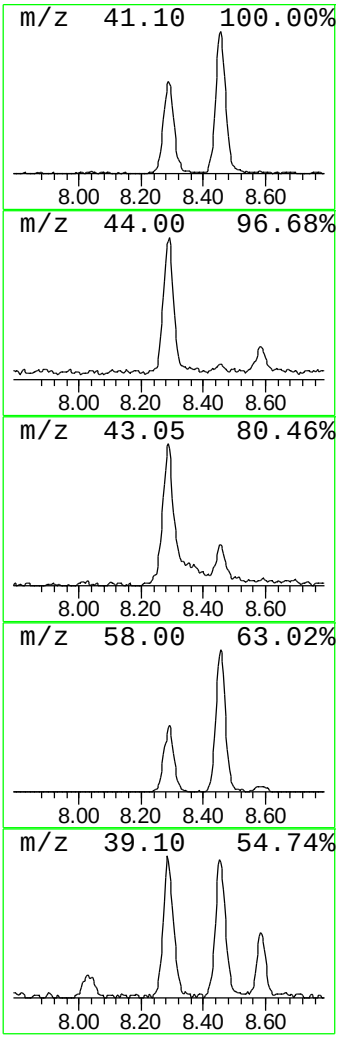
Peak Number 3 Butanal, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	3.88 ug/l	247361	1,4-Difluorobenzene	8.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	91
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	81
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	70
4	Pentanal	86	C5H10O	000110-62-3	38
5	3-Butenamide	85	C4H7NO	028446-58-4	23





Library Search Compound Report

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ALS Vial : 9 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 001M-WILLETS-PT-BLVD-(SEP)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

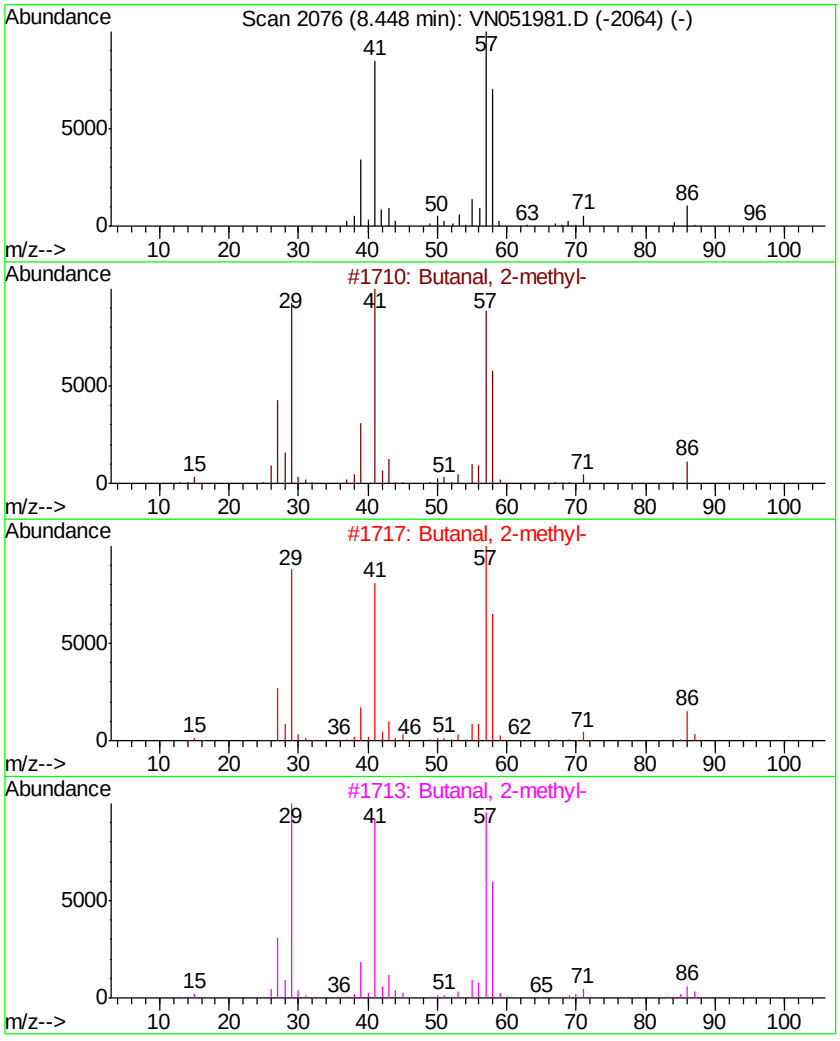
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

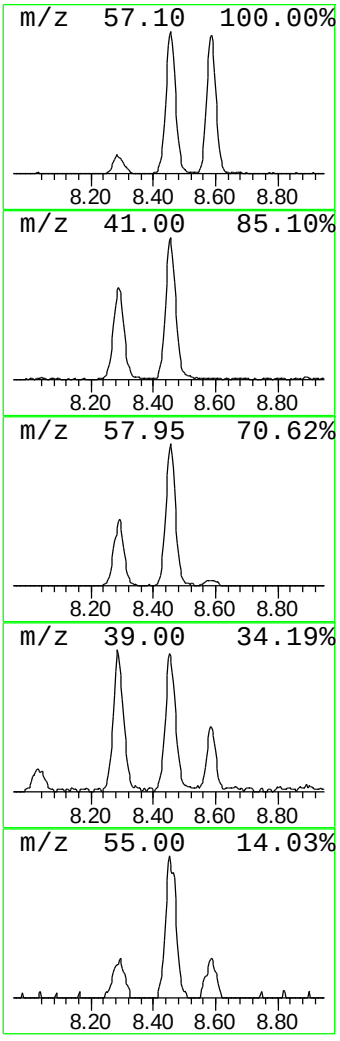
****

Peak Number 4 Butanal, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	4.13 ug/l	263530	1,4-Difluorobenzene	8.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 2-methyl-	86	C5H10O	000096-17-3	91
2	Butanal, 2-methyl-	86	C5H10O	000096-17-3	86
3	Butanal, 2-methyl-	86	C5H10O	000096-17-3	56
4	1-Propene, 3-ethoxy-	86	C5H10O	000557-31-3	50
5	Silacyclopentane	86	C4H10Si	000288-06-2	47





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.32	2.32	3.7	ug/l	117390	1	7.20	954073	30.0
1-Propene, 3-meth...	5.42	5.7	ug/l	180938	1	7.20	954073	30.0
Butanal, 3-methyl-	8.29	3.9	ug/l	247361	2	8.59	1913060	30.0
Butanal, 2-methyl-	8.45	4.1	ug/l	263530	2	8.59	1913060	30.0